

DOGGER BANK D WIND FARM

Preliminary Environmental Information Report

Volume 2

Appendix 24.4 Onshore Heritage Walkover Report

Document Reference No: 2.24.4

Date: June 2025

Revision: V1



www.doggerbankd.com

Document Title:	Volume 2, Appendix 24.4 Onshore Heritage Walkover Report
Document BIM No.	PC6250-RHD-XX-ON-RP-EV-0094
Prepared By:	Royal HaskoningDHV
Prepared For:	Dogger Bank D Offshore Wind Farm

Revision No.	Date	Status / Reason for Issue	Author	Checked By	Approved By
V1	27/05/2025	Final	HM	AT	RH

Table of Contents

24.4 Onshore Heritage Walkover Report	4
24.4.1 Introduction	4
24.4.1.1 Targeted Approach.....	4
24.4.1.2 Recording Methodology	5
24.4.1.3 Survey Aims	5
24.4.2 Survey Results	5
24.4.2.1 Introduction.....	5
24.4.2.2 Landfall and Intertidal Zone	18
24.4.2.3 Onshore Export Cable Corridor	32
24.4.2.4 Onshore Converter Station Zones	43
24.4.3 Discussion	45
References	46
List of Tables, Plates and Figures.....	47
List of Acronyms	48

Glossary

Term	Definition
Development Consent Order (DCO)	A consent required under Section 37 of the Planning Act 2008 to authorise the development of a Nationally Significant Infrastructure Project, which is granted by the relevant Secretary of State following an application to the Planning Inspectorate.
Effect	An effect is the consequence of an impact when considered in combination with the receptor's sensitivity / value / importance, defined in terms of significance.
Environmental Impact Assessment (EIA)	A process by which certain planned projects must be assessed before a formal decision to proceed can be made. It involves the collection and consideration of environmental information and includes the publication of an Environmental Statement.
Environmental Statement (ES)	A document reporting the findings of the EIA which describes the measures proposed to mitigate any likely significant effects.
Evidence Plan Process (EPP)	A voluntary consultation process with technical stakeholders which includes a Steering Group and Expert Topic Group (ETG) meetings to encourage upfront agreement on the nature, volume and range of supporting evidence required to inform the EIA and HRA process.
Expert Topic Group (ETG)	A forum for targeted technical engagement with relevant stakeholders through the EPP.
Impact	A change resulting from an activity associated with the Project, defined in terms of magnitude.
The Applicant	SSE Renewables and Equinor acting through 'Doggerbank Offshore Wind Farm Project 4 Projco Limited'.
The Project	Dogger Bank D (DBD) Offshore Wind Farm Project, also referred to as DBD in this PEIR.

24.4 Onshore Heritage Walkover Report

24.4.1 Introduction

1. This appendix to the Dogger Bank D Offshore Wind Farm Project (hereafter ‘the Project’ or “DBD”) Preliminary Environmental Information Report (PEIR) supports **Volume 1, Chapter 24 Onshore Archaeology and Cultural Heritage**. This appendix forms part of the PEIR for the onshore elements of the Project.
2. This appendix presents the results of a heritage walkover survey (October 2024) which assessed the condition of above ground designated and non-designated heritage assets (e.g. historic earthworks and structures) and areas of archaeological potential which are recorded as being within the Onshore Development Area for the Project. The onshore elements of the Project forming the Onshore Development Area will include landfall, onshore export cables within the onshore export cable corridor (ECC) and the Onshore Converter Station (OCS) and Energy Storage and Balancing Infrastructure (ESBI). A full description of the Project is provided in **Volume 1, Chapter 4 Project Description**.

24.4.1.1 Targeted Approach

3. The above ground heritage assets and areas of potential archaeological sensitivity considered as part of the heritage walkover survey were identified as part of the baseline characterisation process.
4. The identified heritage assets (i.e. those located within the Onshore Development Area) were selected from the desk-based baseline review of known heritage assets recorded on the Humber Historic Environment Record (HER), the results of which are presented in **Appendix 24.2 Onshore Archaeological Desk-Based Assessment**.
5. The Humber HER dataset was incorporated into a project geographic information system (GIS) using ArcGIS Desktop 10.8.1 so that it could be spatially analysed. Information as to the type of heritage asset (i.e. structure, earthwork, cropmark) and the likelihood of that asset surviving above ground informed the targeted approach to the heritage walkover survey.
6. This approach was agreed with at the second ETG7 (Onshore Archaeology) meeting held on 28th August 2024.

24.4.1.2 Recording Methodology

7. A written and photographic record was compiled on an 'asset by asset', and sometimes 'area by area', basis using an in-house electronic survey form linked to the project GIS. This allowed for all field observations and photographs of the heritage assets to be explicitly linked via their unique reference number.

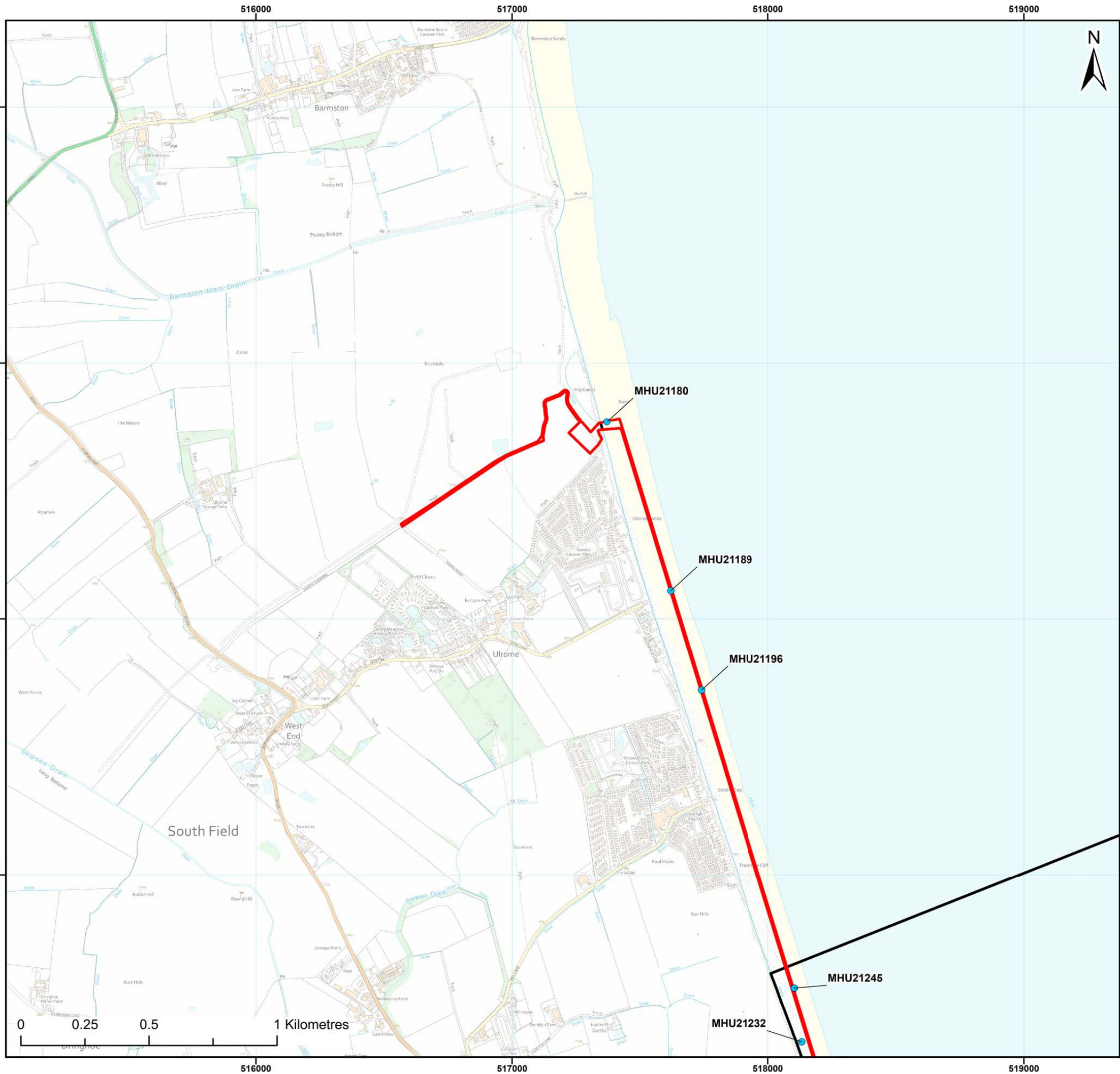
24.4.1.3 Survey Aims

8. The aims of the heritage walkover survey were to:
 - Assess the condition of previously recorded upstanding / above ground archaeological remains within the identified areas (i.e. earthworks or structures);
 - Identify any currently unrecorded heritage assets (i.e. earthworks or structures);
 - Inform the understanding of the potential for currently unknown heritage assets (e.g. buried archaeology) within the Onshore Development Area; and
 - Assess the potential impact from other modern developments which may have reduced the significance / preservation of known heritage assets.
9. These specific aims were considered during the walkover survey to inform the assessment of each site or heritage asset individually. The aims are addressed and presented in the following results section.

24.4.2 Survey Results

24.4.2.1 Introduction

10. The following section provides details of the observations made during the heritage walkover survey from the landfall area towards the OCS zones. The locations of the assets visited are presented on **Figure 24.4-1**.
11. The heritage walkover survey was undertaken between the 8th and 10th October 2024 and on the 31st October 2024 and included potential structures and earthworks within the Onshore Development Area, as well as heritage assets within the intertidal zone which forms part of the Offshore Development Area.



- Legend:
- Onshore Development Area
 - Offshore Development Area
- Heritage Walkover Survey Point/Line
- Monument

Source: © Haskoning DHV UK Ltd, 2024. © Humber Historic Environment Record, 2024.
© Archaeology Data Service, 2024.
© Crown copyright and database right 2024 Ordnance Survey 0100031673

Project:

Dogger Bank D
Offshore Wind Farm

DOGGER BANK
WIND FARM

Title:

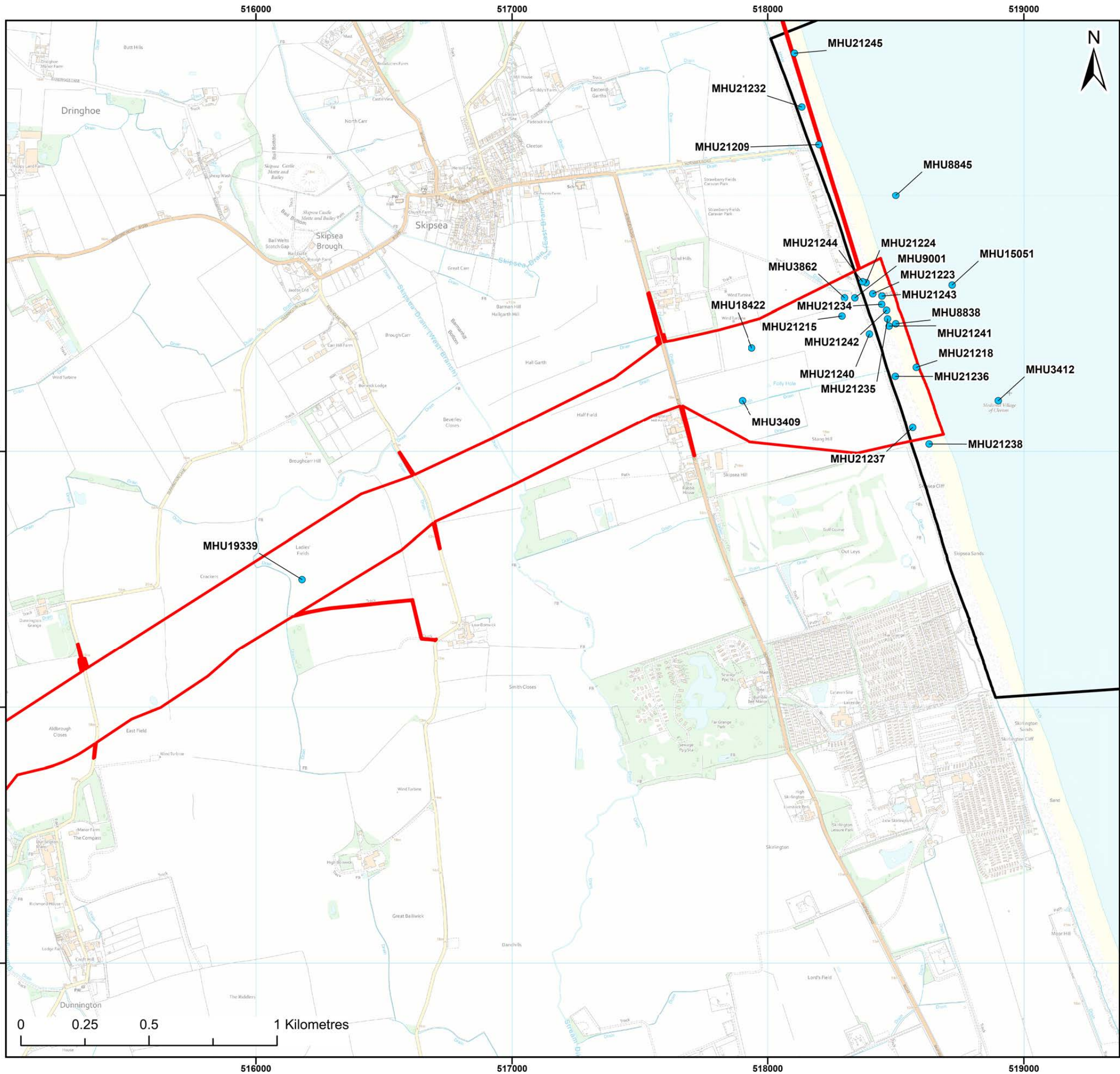
Location of Heritage Assets included within
the Heritage Walkover Survey - Sheet 1 of 12

Figure: 24.4-1 Drawing No: PC6250-RHD-XX-ON-DR-GS-0251

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
03	19/03/2025	JH	HM	A3	1:15,000
02	27/01/2025	JH	HM	A3	1:15,000

Co-ordinate system: British National Grid





- Legend:
- Onshore Development Area
 - Offshore Development Area
- Heritage Walkover Survey Point/Line
- Monument

Source: © Haskoning DHV UK Ltd, 2024. © Humber Historic Environment Record, 2024.
© Archaeology Data Service, 2024.
© Crown copyright and database right 2024 Ordnance Survey 0100031673

Project:

Dogger Bank D
Offshore Wind Farm

DOGGER BANK
WIND FARM

Title:

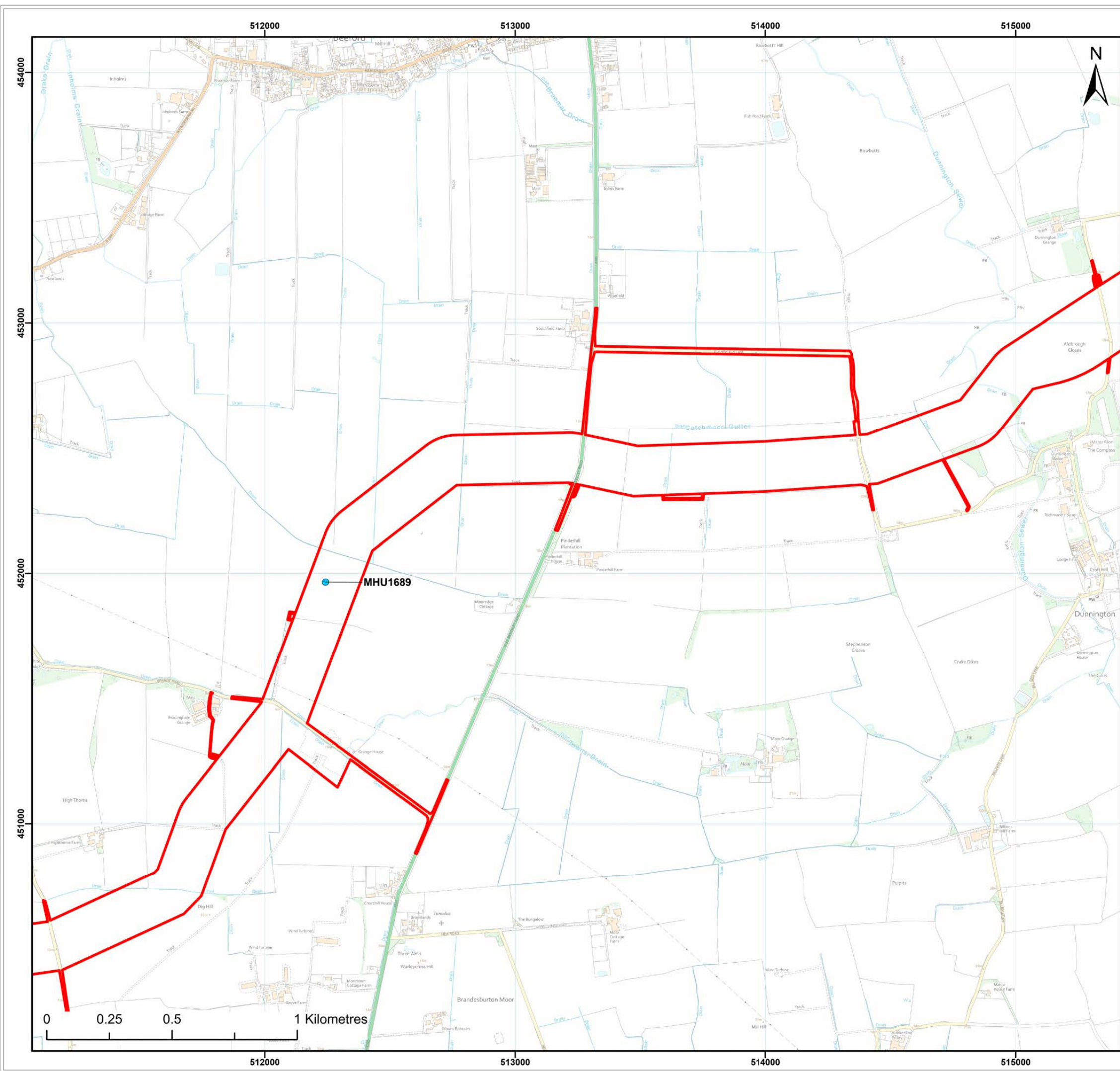
Location of Heritage Assets included within
the Heritage Walkover Survey - Sheet 2 of 12

Figure: 24.4-1 Drawing No: PC6250-RHD-XX-ON-DR-GS-0251

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
03	19/03/2025	JH	HM	A3	1:15,000
02	27/01/2025	JH	HM	A3	1:15,000

Co-ordinate system: British National Grid





Legend:

- Onshore Development Area
- Offshore Development Area

Heritage Walkover Survey Point/Line

- Monument

Source: © Haskoning DHV UK Ltd, 2024. © Humber Historic Environment Record, 2024.
© Archaeology Data Service, 2024.
© Crown copyright and database right 2024 Ordnance Survey 0100031673

Project:

Dogger Bank D
Offshore Wind Farm

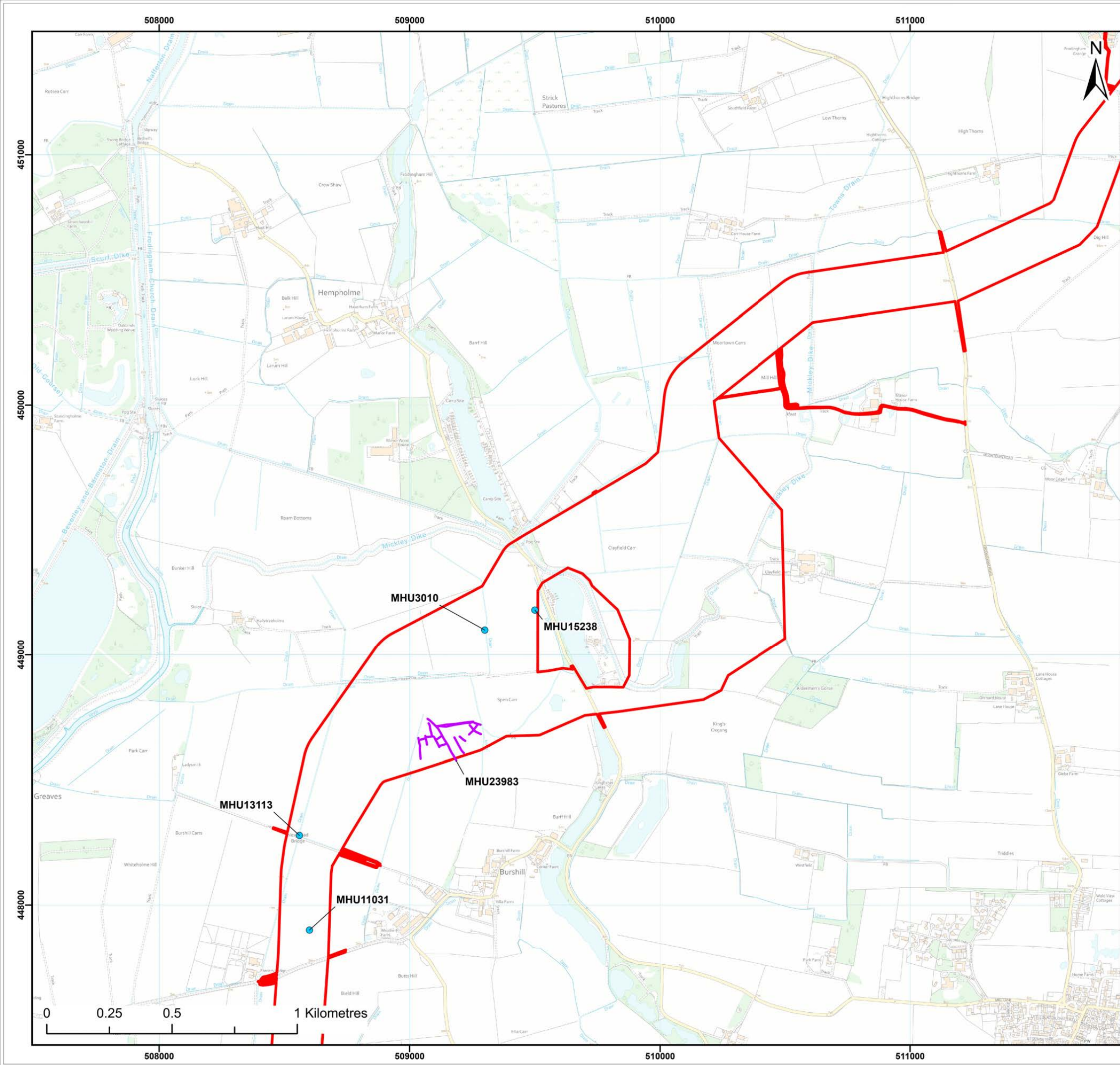
**DOGGER BANK
WIND FARM**

Title:

Location of Heritage Assets included within
the Heritage Walkover Survey - Sheet 3 of 12

Figure:	24.4-1	Drawing No:	PC6250-RHD-XX-ON-DR-GS-0251			
Revision:	Date:	Drawn:	Checked:	Size:	Scale:	
03	19/03/2025	JH	HM	A3	1:15,000	
02	27/01/2025	JH	HM	A3	1:15,000	

Co-ordinate system: British National Grid



Source: © Haskoning DHV UK Ltd, 2024. © Humber Historic Environment Record, 2024.
© Archaeology Data Service, 2024.
© Crown copyright and database right 2024 Ordnance Survey 0100031673

Legend:

- Onshore Development Area
- Offshore Development Area

Heritage Walkover Survey Point/Line

- Monument
- Monument

Project:

Dogger Bank D
Offshore Wind Farm

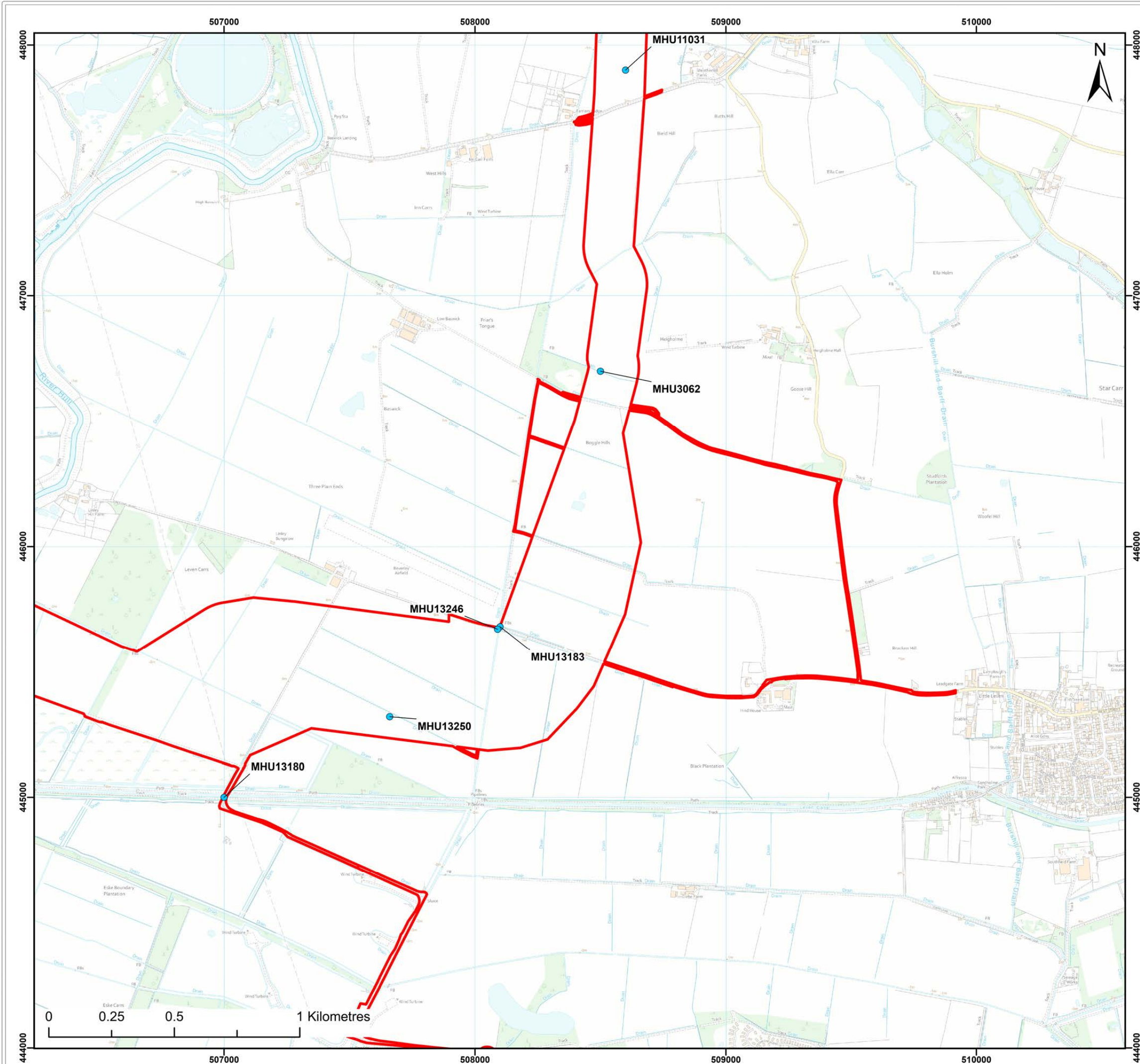
**DOGGER BANK
WIND FARM**

Title:

Location of Heritage Assets included within
the Heritage Walkover Survey - Sheet 4 of 12

Figure:	24.4-1	Drawing No:	PC6250-RHD-XX-ON-DR-GS-0251			
Revision:	Date:	Drawn:	Checked:	Size:	Scale:	
03	19/03/2025	JH	HM	A3	1:15,000	
02	27/01/2025	JH	HM	A3	1:15,000	

Co-ordinate system: British National Grid



Legend:

- Onshore Development Area
- Offshore Development Area

Heritage Walkover Survey Point/Line

- Monument

Source: © Haskoning DHV UK Ltd, 2024. © Humber Historic Environment Record, 2024.
© Archaeology Data Service, 2024.
© Crown copyright and database right 2024 Ordnance Survey 0100031673

Project:

Dogger Bank D
Offshore Wind Farm

**DOGGER BANK
WIND FARM**

Title:

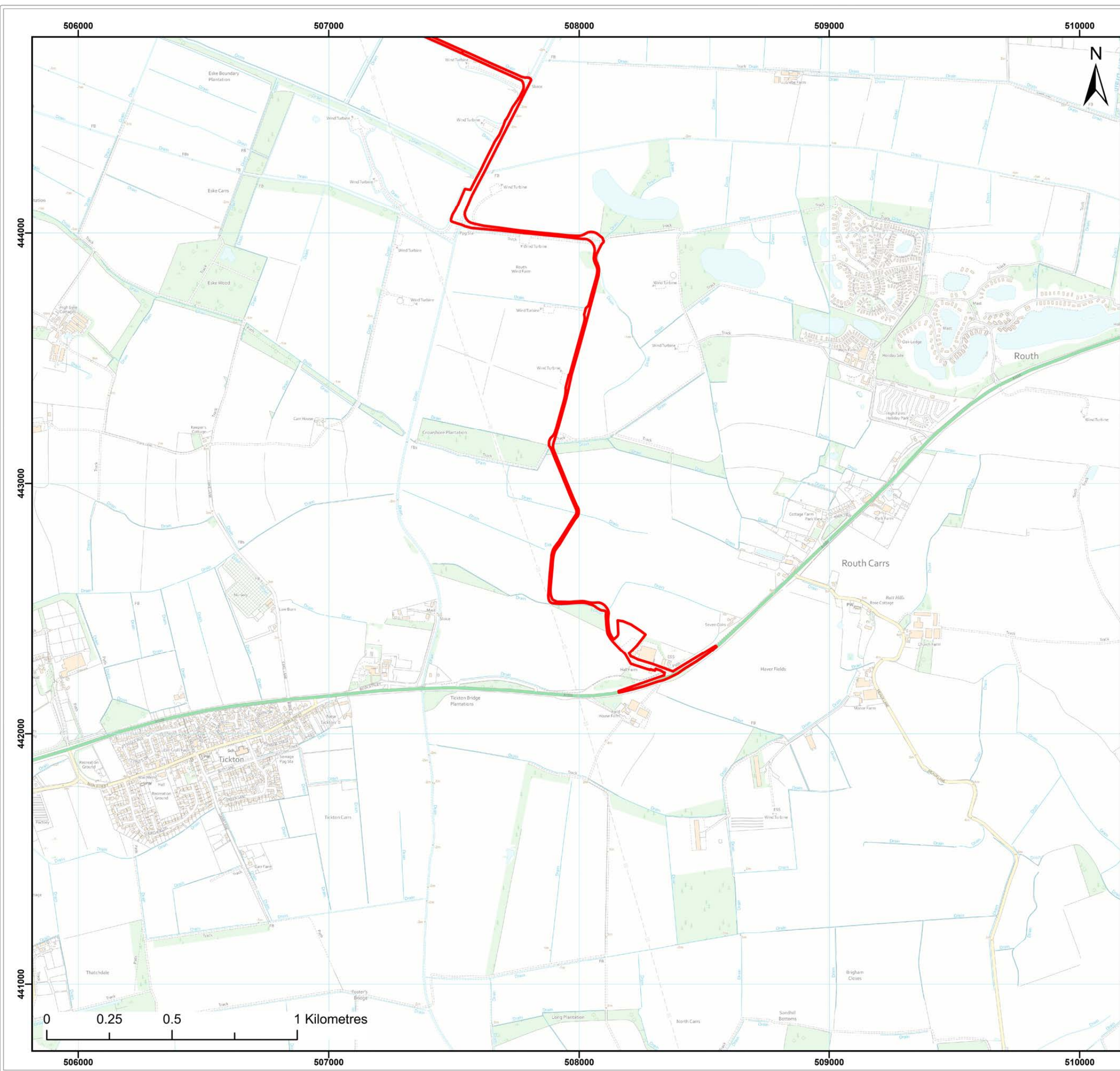
Location of Heritage Assets included within
the Heritage Walkover Survey - Sheet 5 of 12

Figure: 24.4-1 Drawing No: PC6250-RHD-XX-ON-DR-GS-0251

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
03	19/03/2025	JH	HM	A3	1:15,000
02	27/01/2025	JH	HM	A3	1:15,000

Co-ordinate system: British National Grid

**sse
Renewables** **equinor**



Legend:

- Onshore Development Area
- Offshore Development Area

Source: © Haskoning DHV UK Ltd, 2024. © Humber Historic Environment Record, 2024.
© Archaeology Data Service, 2024.
© Crown copyright and database right 2024 Ordnance Survey 0100031673

Project:

Dogger Bank D
Offshore Wind Farm

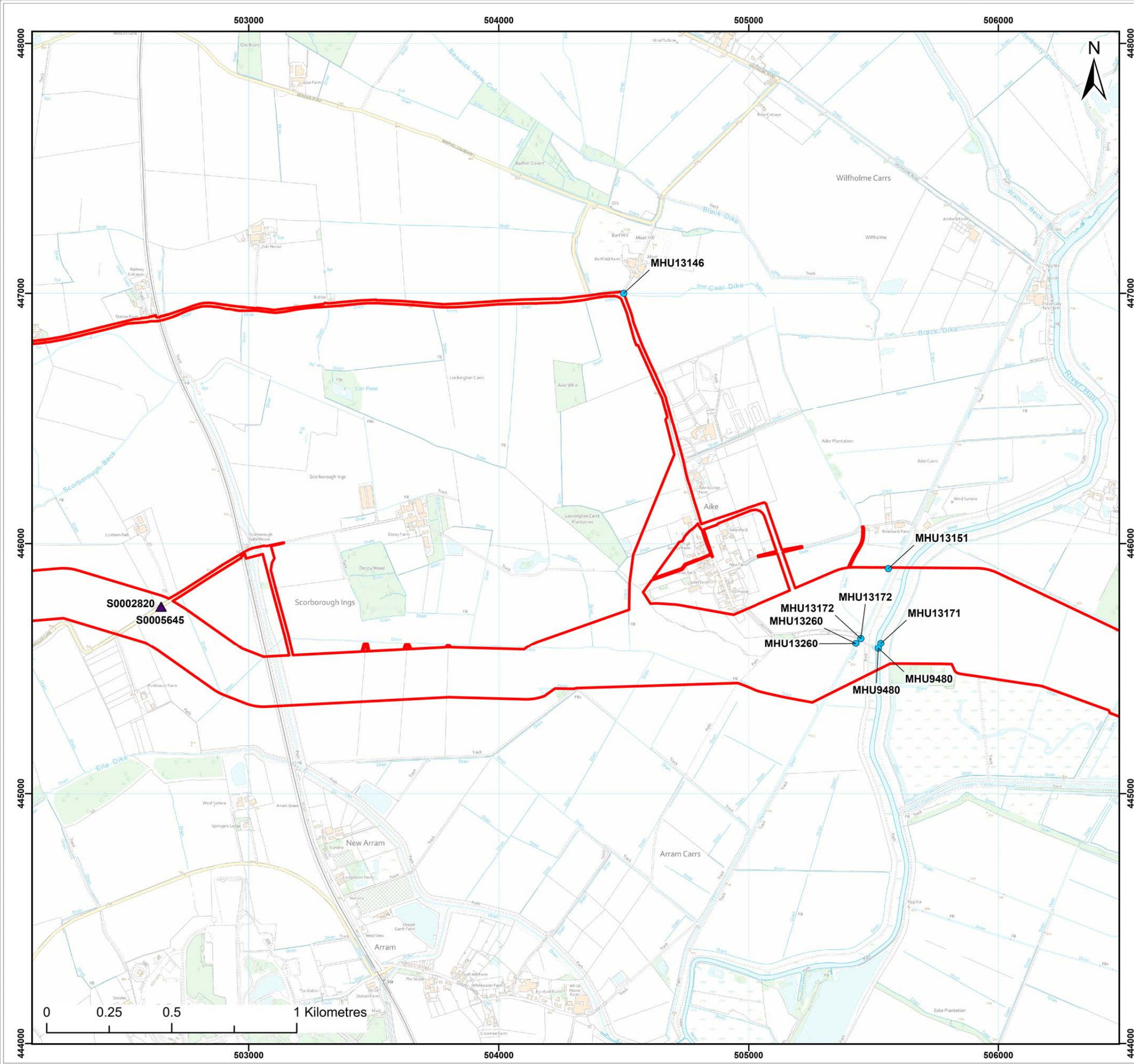
Title:

Location of Heritage Assets included within
the Heritage Walkover Survey - Sheet 6 of 12

Figure: 24.4-1	Drawing No: PC6250-RHD-XX-ON-DR-GS-0251
----------------	---

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
03	19/03/2025	JH	HM	A3	1:15,000
02	27/01/2025	JH	HM	A3	1:15,000

Co-ordinate system: British National Grid



Legend:

- Onshore Development Area
- Offshore Development Area

Heritage Walkover Survey Point/Line

- Monument
- ▲ Defence of Britain

Source: © Haskoning DHV UK Ltd, 2024. © Humber Historic Environment Record, 2024.
© Archaeology Data Service, 2024.
© Crown copyright and database right 2024 Ordnance Survey 0100031673

Project:

Dogger Bank D
Offshore Wind Farm

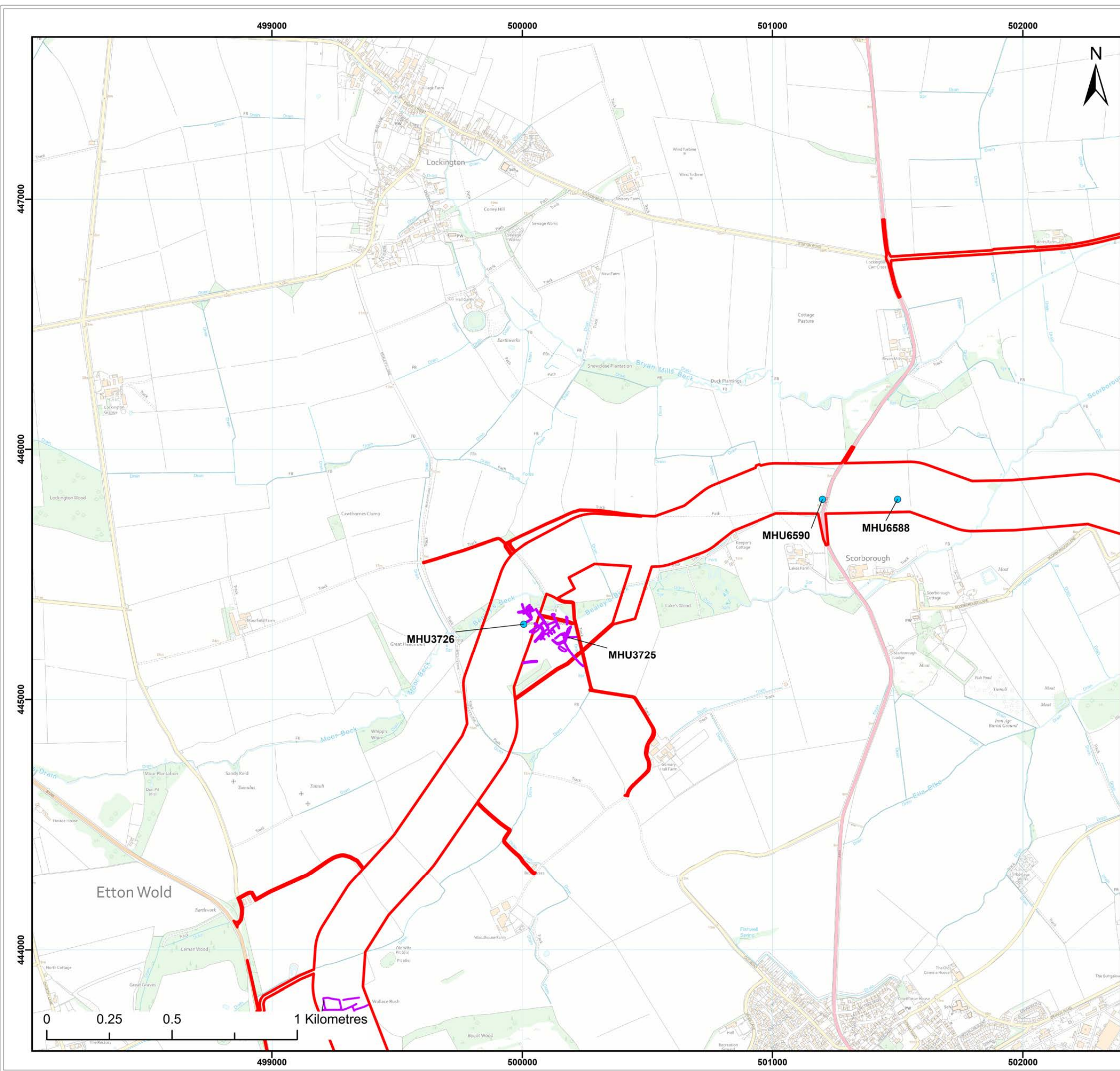
Title:

Location of Heritage Assets included within
the Heritage Walkover Survey - Sheet 7 of 12

Figure: 24.4-1	Drawing No: PC6250-RHD-XX-ON-DR-GS-0251
----------------	---

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
03	19/03/2025	JH	HM	A3	1:15,000
02	27/01/2025	JH	HM	A3	1:15,000

Co-ordinate system: British National Grid



Legend:

- Onshore Development Area
- Offshore Development Area

Heritage Walkover Survey Point/Line

- Monument
- Monument

Source: © Haskoning DHV UK Ltd, 2024. © Humber Historic Environment Record, 2024.
© Archaeology Data Service, 2024.
© Crown copyright and database right 2024 Ordnance Survey 0100031673

Project:

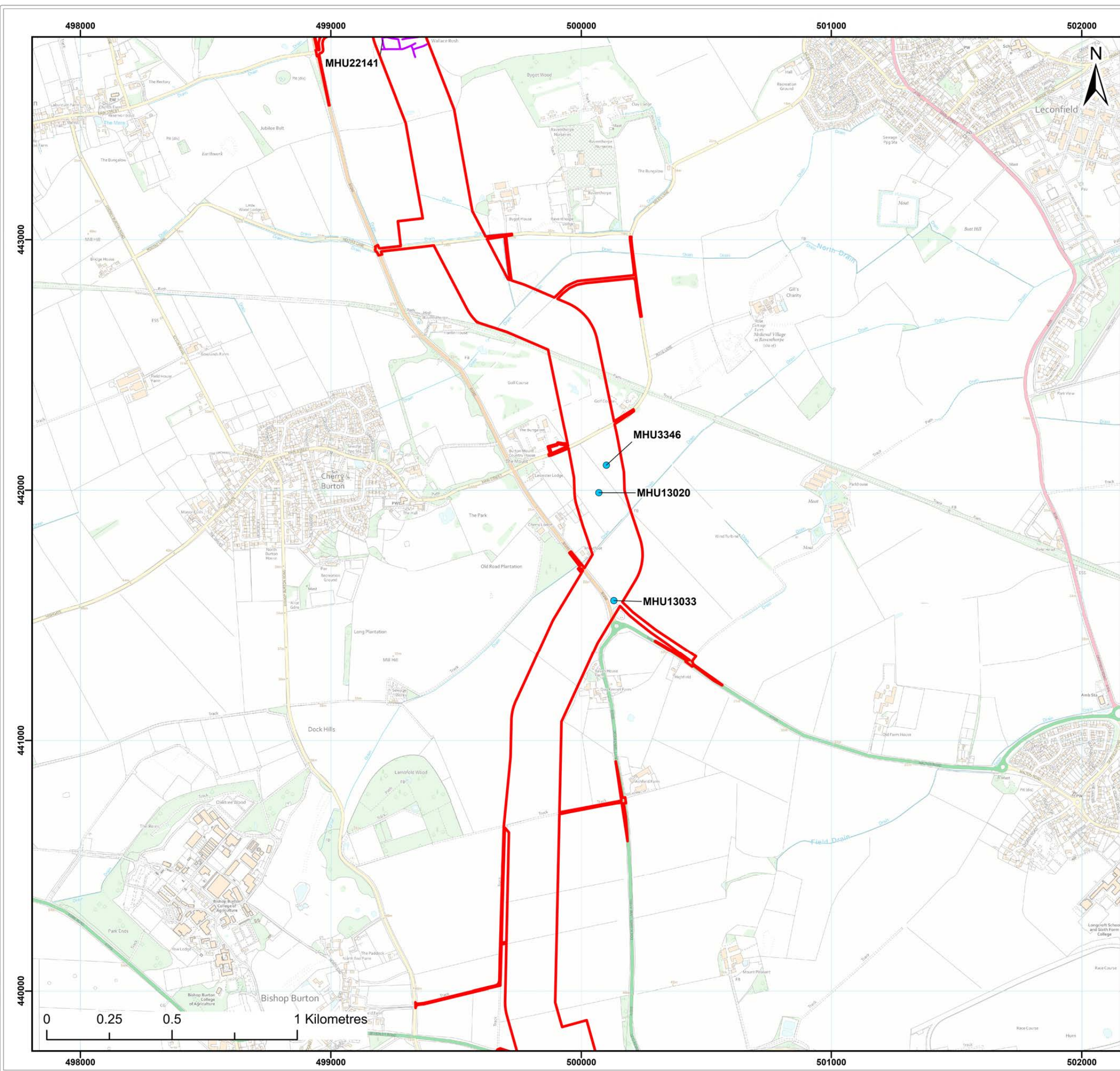
Dogger Bank D
Offshore Wind Farm

Title:

Location of Heritage Assets included within
the Heritage Walkover Survey - Sheet 8 of 12

Figure:	24.4-1	Drawing No:	PC6250-RHD-XX-ON-DR-GS-0251			
Revision:	Date:	Drawn:	Checked:	Size:	Scale:	
03	19/03/2025	JH	HM	A3	1:15,000	
02	27/01/2025	JH	HM	A3	1:15,000	

Co-ordinate system: British National Grid



Source: © Haskoning DHV UK Ltd, 2024. © Humber Historic Environment Record, 2024.
© Archaeology Data Service, 2024.
© Crown copyright and database right 2024 Ordnance Survey 0100031673

Project:

Dogger Bank D
Offshore Wind Farm

**DOGGER BANK
WIND FARM**

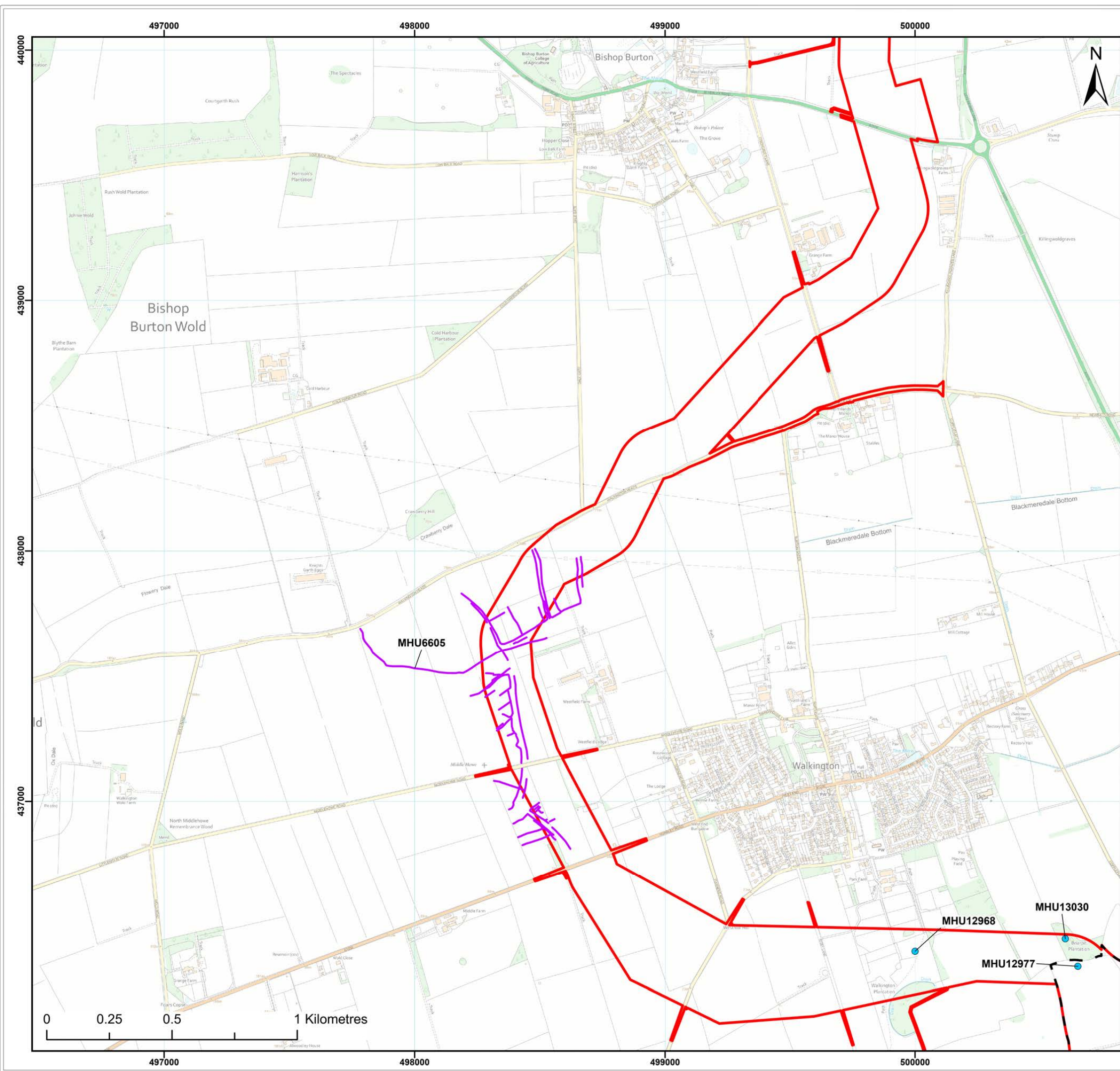
Title:


Location of Heritage Assets included within
the Heritage Walkover Survey - Sheet 9 of 12

Figure:	24.4-1	Drawing No:	PC6250-RHD-XX-ON-DR-GS-0251			
Revision:	Date:	Drawn:	Checked:	Size:	Scale:	
03	19/03/2025	JH	HM	A3	1:15,000	
02	27/01/2025	JH	HM	A3	1:15,000	

Co-ordinate system: British National Grid

sse Renewables equinor





Legend:

- Onshore Development Area
- Offshore Development Area
- Onshore Converter Station Zone Options

Heritage Walkover Survey Point/Line

- Monument
- Monument

Source: © Haskoning DHV UK Ltd, 2024. © Humber Historic Environment Record, 2024.
© Archaeology Data Service, 2024.
© Crown copyright and database right 2024 Ordnance Survey 0100031673

Project:

Dogger Bank D
Offshore Wind Farm

**DOGGER BANK
WIND FARM**



Title:

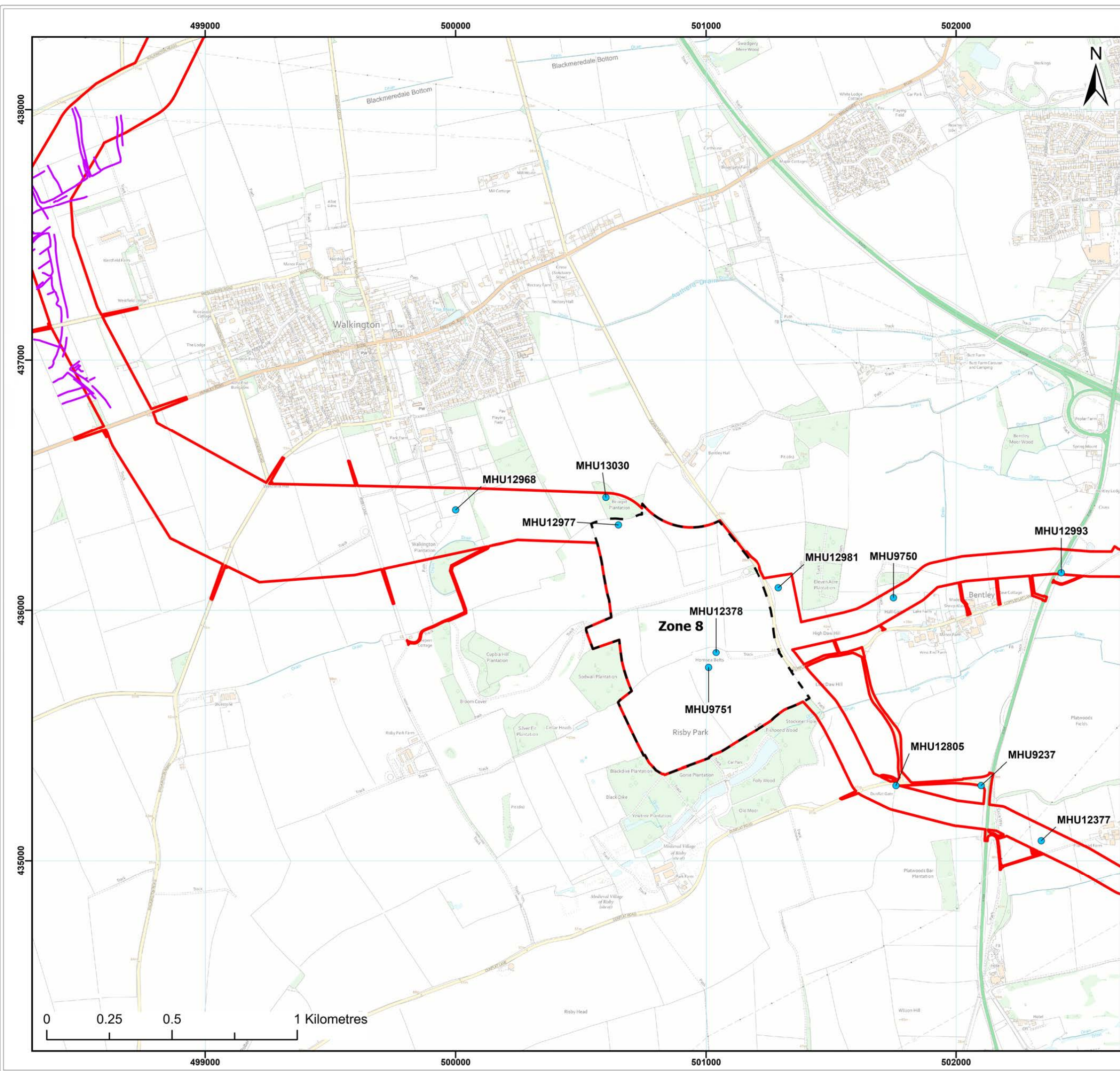
Location of Heritage Assets included within
the Heritage Walkover Survey - Sheet 10 of 12

Figure: 24.4-1 Drawing No: PC6250-RHD-XX-ON-DR-GS-0251

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
03	19/03/2025	JH	HM	A3	1:15,000
02	27/01/2025	JH	HM	A3	1:15,000

Co-ordinate system: British National Grid





Source: © Haskoning DHV UK Ltd, 2024. © Humber Historic Environment Record, 2024.
© Archaeology Data Service, 2024.
© Crown copyright and database right 2024 Ordnance Survey 0100031673

Legend:

- Onshore Development Area
- Offshore Development Area
- Onshore Converter Station Zone Options

Heritage Walkover Survey Point/Line

- Monument
- Monument

Project:

Dogger Bank D
Offshore Wind Farm

**DOGGER BANK
WIND FARM**

Title:

Location of Heritage Assets included within
the Heritage Walkover Survey - Sheet 11 of 12

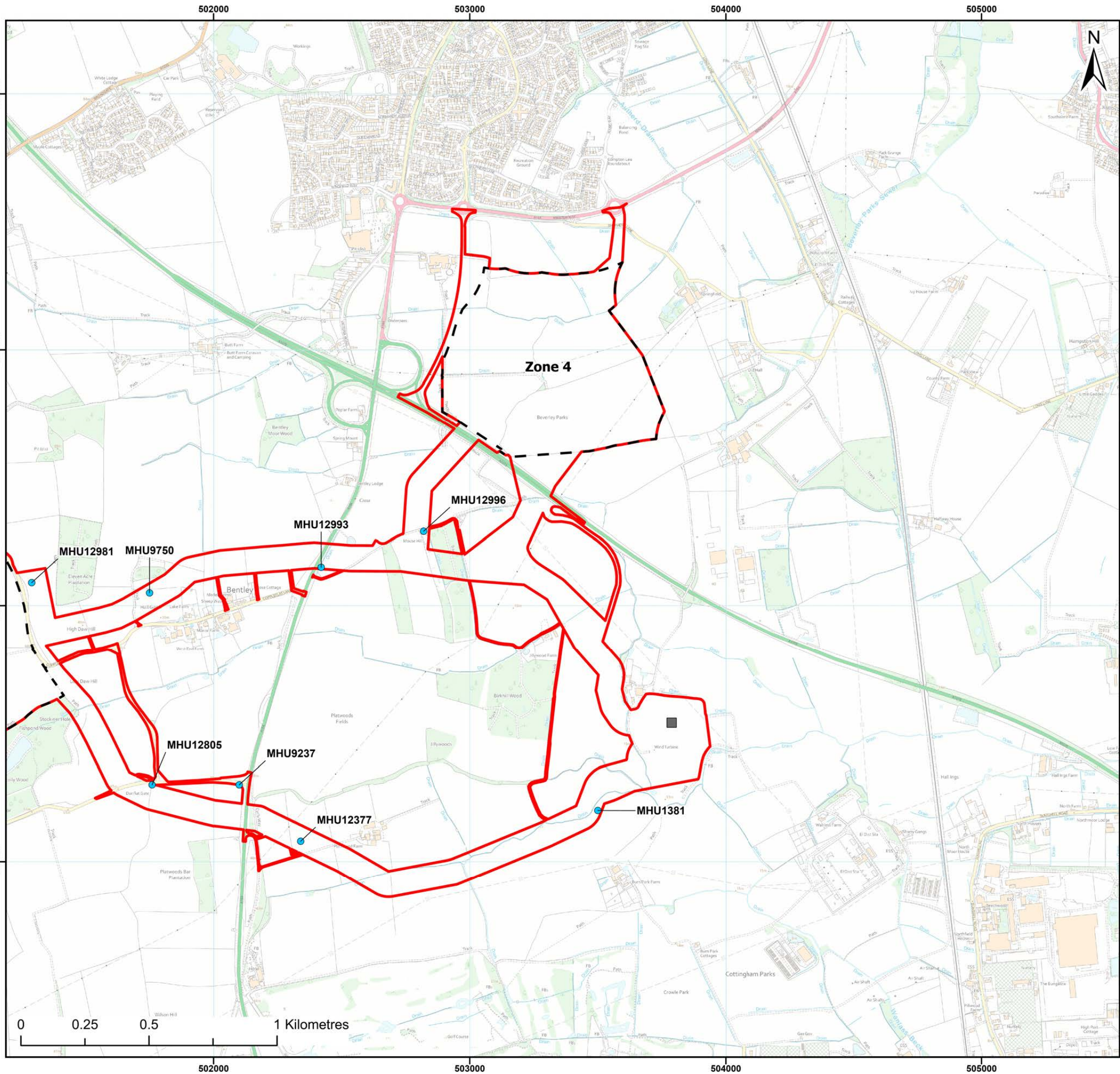
Figure: 24.4-1	Drawing No: PC6250-RHD-XX-ON-DR-GS-0251
----------------	---

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
03	19/03/2025	JH	HM	A3	1:15,000
02	27/01/2025	JH	HM	A3	1:15,000

Co-ordinate system: British National Grid

sse
Renewables

equinor



Legend:

- Onshore Development Area
- Offshore Development Area
- Onshore Converter Station Zone Options
- Indicative Birkhill Wood Substation Location

Heritage Walkover Survey Point/Line

- Monument

Source: © Haskoning DHV UK Ltd, 2024. © Humber Historic Environment Record, 2024.
© Archaeology Data Service, 2024.
© Crown copyright and database right 2024 Ordnance Survey 0100031673

Project:

Dogger Bank D
Offshore Wind Farm

**DOGGER BANK
WIND FARM**

Title:

Location of Heritage Assets included within
the Heritage Walkover Survey - Sheet 12 of 12

Figure: 24.4-1 Drawing No: PC6250-RHD-XX-ON-DR-GS-0251

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
03	19/03/2025	JH	HM	A3	1:15,000
02	27/01/2025	JH	HM	A3	1:15,000

Co-ordinate system: British National Grid

sse
Renewables

equinor

24.4.2.2 Landfall and Intertidal Zone

12. This section presents the heritage assets located within the landfall and in the intertidal zone. These are summarised in **Table 24.4-1** with detail on those which were found to be extant during the heritage walkover survey. Heritage assets are illustrated in **Figure 24.4-1**.
13. The majority of heritage assets located within the landfall and intertidal zone date to the modern period comprising military defence structures built during Second World War (WWII). Other extant features present at this location date to the Mesolithic and Neolithic periods.
14. Three of the assets identified in **Table 24.4-1** are located within the proposed landfall access route (see **Figure 24.4-1**), which is situated along the beach, north of the landfall and intertidal zone. These assets include the site of a possible WWII military building (MHU21180), one pillbox dating to WWII (MHU21189) and an additional possible pillbox also dating to WWII (MHU21196).

Table 24.4-1 Summary of Heritage Assets at Landfall and Intertidal Zone

List Entry	Name	Summary	Extant / Not Extant
MHU9001	Lake Dwelling, Withow Gap	Carved wooden rods and stakes of early Neolithic age found in carr peats exposed at Withow Mere.	Extant (Plate 24.4-10)
MHU8845	Site of Town of Hyde	Site of a deserted medieval settlement.	Not Extant
MHU8838	Site of Withow Hamlet	Site of a deserted medieval settlement.	Not Extant
MHU3862	Site of Withow Mere	Site of mere containing finds of Mesolithic and later date.	Extant (Plate 24.4-9)
MHU3412	Site of Cleeton Lost Village	Site of a deserted medieval settlement.	Not Extant
MHU21245	WWII Anti-Aircraft Obstacles	WWII concrete posts, probably anti-aircraft landing obstacles.	Not Extant
MHU21244	WWII Beach Obstacles	WWII beach obstacle, consisting of a concrete block with steel pipes.	Extant (Plate 24.4-1)

List Entry	Name	Summary	Extant / Not Extant
MHU21243	WWII Gunhouse	Remains of WWII gunhouse.	Not Extant
MHU21242	WWII Pillbox	WWII pillbox roof.	Likely Extant (Plate 24.4-1 and Plate 24.4-2)
MHU21241	WWII Beach Defences	WWII beach defences consisting of scaffold obstacles.	Not Extant
MHU21240	WWII Pillbox	Square pillbox constructed on the line of a field boundary ditch to the east of two earlier weapons pits but now within an enlarged field.	Extant (Plate 24.4-8)
MHU21238	WWII Anti-Tank Cubes	Remains of small, isolated group of WWII anti-tank cubes, badly damaged by wave action, but presumably originally more extensive.	Extant (Plate 24.4-1)
MHU21237	WWII Pillbox	WWII pillbox, now on beach, but originally on cliff.	Extant (Plate 24.4-6)
MHU21236	Double Ditch	Possible double ditch exposed at an oblique angle in the cliff face.	Not Extant
MHU21235	WWII Beach Defence Light, Withow	WWII beach defence light.	Extant (Plate 24.4-5)
MHU21234	WWII Anti-Tank Cubes, Withow	Badly damaged north to south line of WWII concrete anti-tank cubes protecting Withow Gap.	Extant (Plate 24.4-1)
MHU21233	WWII Pillbox	WWII eared pillbox on the beach, largely broken up and presumably originally on the cliff.	Extant (Plate 24.4-4)

List Entry	Name	Summary	Extant / Not Extant
MHU21232	Pit	Possible large pit in cliff section. Fill cut by modern field drain.	Not Extant
MHU21224	WWII Pillbox	WWII pillbox.	Extant (Plate 24.4-3)
MHU21223	WWII Pillbox	WWII pillbox.	Not Extant
MHU21218	Site of WWII Tank Trap	Aerial Photographs show WWII military coastal defences in the form of a tank trap.	Not Extant
MHU21215	WWII Military Defences	Aerial Photographs show WWII military coastal defences.	Not Extant
MHU21209	WWII Observation Post	WWII observation post with loopholes on cliff edge, east of Skipsea.	Not Extant
MHU15051	Site of Fish Weir, Skipsea	Site of an Old Fish Weir shown as beach on 1855 Ordnance Survey (OS) map.	Not Extant
MHU21180	Site of Possible WWII Military Building	Aerial Photographs show a possible WWII military building as a structure.	Not Extant
MHU18422	Pillbox, The Hold	Aerial photography shows a WWII pillbox.	Extant (Plate 24.4-7)
MHU21196	Possible WWII Pillbox, Ulrome Sands	Possible WWII dated pillbox identified on aerial photography dating to 1946 where it had fallen from the eroding cliff with exact location of the pillbox unknown.	Not Extant
MHU21189	Site of WWII Pillbox, Ulrome Sands	WWII dated pillbox with surrounding barbed wire obstructions visible on aerial photography.	Not Extant

List Entry	Name	Summary	Extant / Not Extant
MHU3409	Bank & Possible Ditches	A prominent bank, possibly flanked by shallow ditches, approx. 135m long, running east to west, and parallel to field boundaries to the north and south.	Not Extant

24.4.2.2.1 Military Defence Structures at Landfall and Intertidal Zone

15. The Humber HER records several structures within the landfall and intertidal zone as associated with modern defences built during WWII along the Holderness Coast. These comprise pillboxes (MHU21233, MHU21237, MHU21223 and MHU21224), anti-tank cubes (MHU21234 and MHU21238), beach obstacles (MHU21244), anti-aircraft obstacles (MHU21245), a gunhouse (MHU21243) beach defences (MHU21241) and a beach defence light (MHU21235).
16. Due to the extent of erosion along the coast, and the positioning of former clifftop structures now observed on the beach, several of the structures could not be attributed to their specific corresponding record in the Humber HER with exact certainty. **Plate 24.4-1**, shows a number of structures which suggest the possibility of these corresponding to the beach defences noted within record MHU21244, however, some of the squarer structures may also be the remains of anti-tank cubes (MHU21234).
17. The surviving remains of WWII Pillbox MHU21242 are also mapped in proximity to the beach defences and anti-tank cubes. The only extant remains of the pillbox, as is noted in the Humber HER, is its roof. Due to the extent of concrete remains along this section of the coastline, it is unclear which extant remains may correspond to the surviving roof of this pillbox, though the flat concrete structures shown in **Plate 24.4-1** and **Plate 24.4-2** likely correspond to this asset.



Plate 24.4-1 Military Structures Visible on the Beach, Photographed Facing East Towards the Sea.

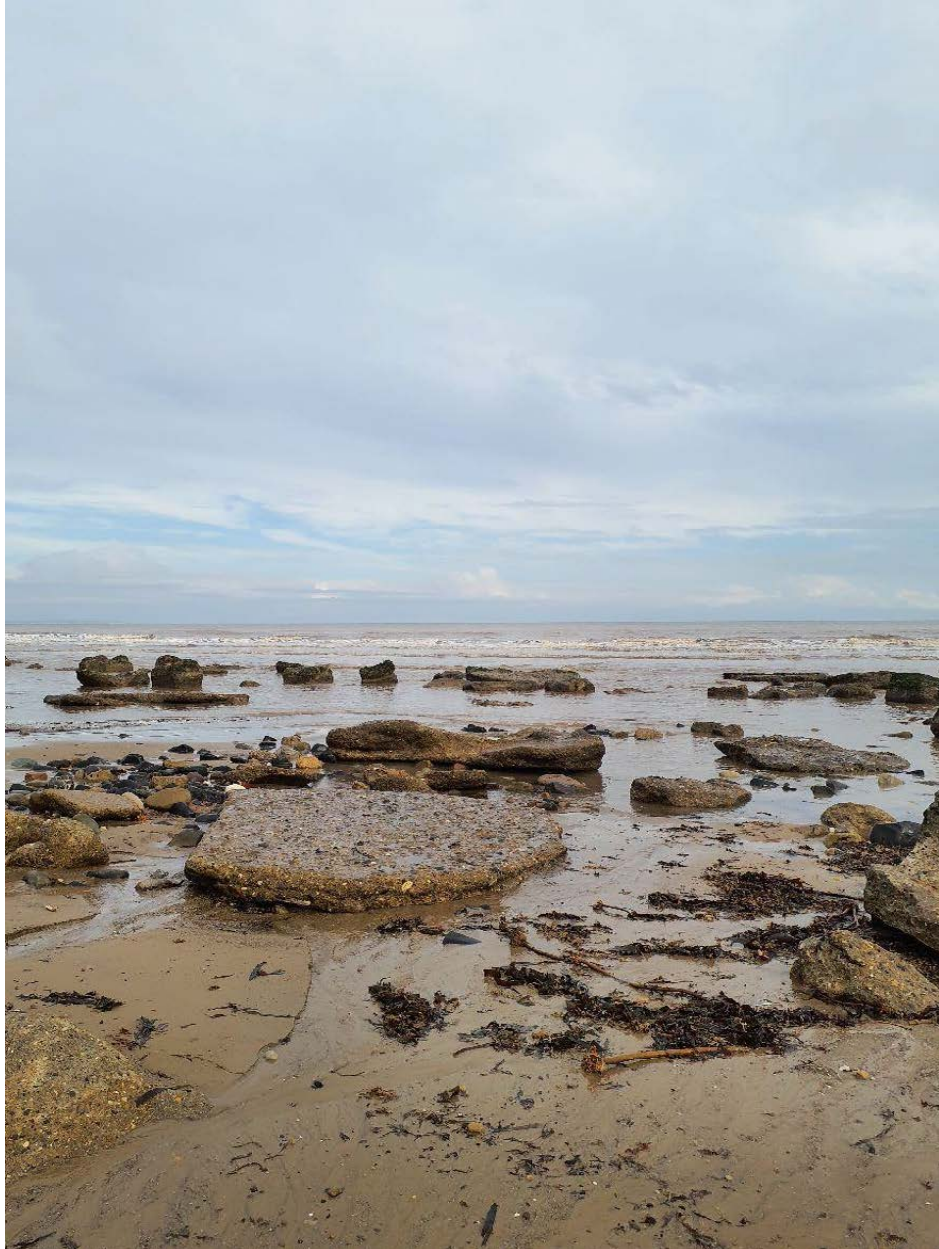


Plate 24.4-2 Further Remains of Military Defence Structures Including Possible Roof of WWII Pillbox (MHU21242) Photographed Facing East Towards the Sea

24.4.2.2.1.1. Second World War Pillbox - MHU21224

18. Despite some of the coastal assets being unidentifiable due to their degraded condition and dislocation, some individual records can be more accurately attributed to their records. **Plate 24.4-3** shows the visible remains of the modern-dated pillbox recorded within the Humber HER as MHU21224.
19. As is noted within the Humber HER record description taken from the 2010 Rapid Coastal Zone Assessment Survey conducted by English Heritage (English Heritage, 2010), the remains are now present on the beach due to the coastal erosion along the Holderness Coast.



Plate 24.4-3 Remains of Pillbox (MHU21224) on Beach, Photographed Facing East.

24.4.2.2.1.2. Second World War Pillbox – MHU21233

20. The weathered remains of pillbox MHU21233 were recorded on the beach with its eared design, specific to the north-east, still visible despite its heavily eroded condition (**Plate 24.4-4**).



Plate 24.4-4 Remains of Eared Pillbox (MHU21233) on Beach, Photographed Facing North.

24.4.2.2.1.3. Second World War Beach Defence Light, Withow – MHU21235

21. Due to the shape of the structure and proximity to the record mapped within the HER, it is presumed that the weathered remains pictured in **Plate 24.4-5** correspond to record MHU21235, the WWII beach defence light.



Plate 24.4-5 Remains of WWII Beach Defence Light (MHU21235) Photographed Facing East.

24.4.2.2.1.4. Second World War Pillbox - MHU21237

22. Record MHU21237 corresponds to a WWII-dated Pillbox. This record is presumed to correspond to the remains pictured in **Plate 24.4-6** present along the beach which lie in close proximity to the mapped record.



Plate 24.4-6 Remains of WWII Pillbox (MHU21237) Photographed Facing South-East.

24.4.2.2.1.5. Pillbox, The Hold - MHU18422

23. Record MHU18422 corresponding to a pillbox within the area known as 'The Hold' survives well as an example of a pillbox dating to WWII (**Plate 24.4-7**). The structure includes a surviving blast wall though the recorded barbed wire perimeter is not visible.



Plate 24.4-7 WWII Pillbox and Surviving Blast Wall (MHU18422) Photographed Facing South-East.

24.4.2.2.1.6. First World War Pillbox – MHU21240

24. The Humber HER records a square pillbox (MHU21240) dating to the First World War (WWI) positioned along the line of a field boundary to the east of two earlier weapons pits.
25. The heritage walkover survey identified this pillbox which remains extant, at the cliff edge adjacent to an arable field. The structure survives well though weathered by its exposed position at the edge of the cliff (**Plate 24.4-8**).



Plate 24.4-8 WWI Square Pillbox (MHU21240), Photographed Facing Eastwards.

24.4.2.2.3 Withow Mere and Withow Gap - MHU3862 and MHU9001

26. Withow Mere (MHU3862), corresponds to the Withow Gap Site of Special Scientific Interest (SSSI) and contains deposits of preserved remains of Mesolithic date. These deposits were observed within the cliff face at landfall (**Plate 24.4-9**).
27. Wooden rods and stakes are visible within the exposed Withow Mere deposits (**Plate 24.4-10**). These wooden rods and stakes are unlikely to correspond to those noted to have been recovered in the 1970s and 1980s (MHU9001), however, there is a likelihood that these surviving wood features are associated with the Lake Dwelling at Withow Gap (MHU9001). Existing evidence would suggest these deposits could date to either the Mesolithic or Neolithic periods.



Plate 24.4-9 Withow Mere (MHU3862), Photographed Facing Inland Towards the West.



Plate 24.4-10 Exposed Wooden Features within Withow Mere, Photographed Facing North-West.

24.4.2.3 Onshore Export Cable Corridor

28. This section presents the heritage assets located within the onshore ECC. These are summarised in **Table 24.4-2** with detail on those which were found to be extant during the heritage walkover survey. These assets are illustrated in **Figure 24.4-1**.

Table 24.4-2 Summary of Heritage Assets Along Onshore ECC

List Entry	Name	Summary	Extant / Not Extant
MHU19339	Ladies Fields Enclosure	Undated rectangular enclosure.	Not Extant
MHU1689	Site of Round Barrow	Aerial photography showing a ring ditch with 1854 OS map also showing tumulus.	Possibly Extant (Plate 24.4-11)
MHU15238	Site of Weedland	A single building marked as 'Weedland' is mapped on the 1854 and 1892 OS maps.	Not Extant
MHU3010	Ditch System & Enclosure	Possible enclosures and ditch systems of unknown date.	Not Extant
MHU23983	Undated Field Boundaries or Natural Features	Undated field boundaries or natural features, identified on aerial photography.	Not Extant
MHU13113	New Road Bridge	Printed and shown on 1891 OS map.	Extant (Plate 24.4-12)
MHU11031	Linear Cropmark & Ring Ditch	Linear cropmarks and possible ring ditches shown on aerial photography.	Not Extant
MHU3062	Enclosures and Ditches	Site of a complex of rectilinear and curvilinear enclosures and other ditches.	Not Extant
MHU13246	Sluice, Linleyhill Road Bridge	Recorded site of sluice.	Not Extant

List Entry	Name	Summary	Extant / Not Extant
MHU13183	Linleyhill Road Bridge	Marked on 1891 OS map.	Extant (Plate 24.4-13)
MHU13250	Linleyhill Low Barn, Leven Carrs	Recorded on the 1855 OS map.	Within inaccessible field of crop. Likely Not Extant.
MHU13180	Waterloo Swing Bridge	Marked on 1891 OS map.	No access
MHU13151	Saltings on east Side of River Hull	Saltings printed on 1891 OS map.	Not Extant
MHU13171	Saltings on east Side of River Hull	Saltings printed on 1891 OS map.	Not Extant
MHU13172	Aqueduct, Aike Beck	'Aqueduct' printed and shown on OS maps dating to 1855 and 1891.	Not Extant
MHU13260	Site of Aike Swing Bridge	Swing Bridge dating to between the post-medieval and 19 th century	Not Extant
MHU9480	Aike Beck Lockington Navigation	Canal location during the post-medieval period	Not Extant
MHU13146	Barfhill Bridge, Barf Hill	Mapped on 1855 and 1891 OS maps.	Extant (Plate 24.4-14)
S0005645/S0002820	Pillbox on Scarborough Lane	A WWII-dated pillbox noted as part of the Defence of Britain Project.	Extant (Plate 24.4-15)
MHU6588	Enclosures & Ditches	A series of rectilinear enclosures, circular features and linear features identified on aerial photography.	Not Extant
MHU6590	Possible Round Barrow	Possible round barrow visible on aerial photography.	Not Extant

List Entry	Name	Summary	Extant / Not Extant
MHU3726	Site of Winthorpe Hall	Post-medieval manor house previously excavated during the 1950s and the successor of Winthorpe Manor.	Not Extant
MHU3725	Site of Winthorpe Manor and House	Medieval manor previously excavated during 1950s.	Not Extant
MHU22141	Iron Age to Romano-British Enclosure and Linear Ditches	Iron Age to Romano-British enclosure with associated linear ditches shown on aerial photography.	Not Extant
MHU3346	Ditches, Possible Enclosure	Ditches and one possible ovoid enclosure shown on aerial photography.	Not Extant
MHU13020	Dog Kennel Farm	Mapped on 1855 OS map.	Not Extant
MHU13033	Milestone, B1248	Milestone situated on the B1248.	Extant (Plate 24.4-16)
MHU6605	Cropmark Complex	A series of cropmarks.	Not Extant
MHU12968	Walkington Park	Park mapped on 1893 OS map.	Extant (Plate 24.4-17)
MHU13030	Autherd Pit, Briar Pit Plantation	'Old Marl Pit' printed and shown on 1855 OS map and called 'Autherd Pit'.	No access
MHU12981	Site of Old Chalk Pit	'Old Chalk Pit' mapped on 1893 OS map	Not Extant
MHU12805	Site of Dunflat Gate	'Dunflat Gate' printed but not shown on 1890 OS map	Not Extant

List Entry	Name	Summary	Extant / Not Extant
MHU9750	Site of Manor House, Bentley	Former medieval manor house within Shrunk Medieval Village (SMV).	Extant (Plate 24.4-18)
MHU9237	Beverley-Skidby-Hessle Ferry Turnpike	Post-medieval toll road.	Extant (following current road alignment)
MHU12993	Site of Bentley Cottages	'Bentley Cottages' mapped and labelled on 1893 OS map.	Not Extant
MHU12377	Milestone on A164	'MS Beverley 2 miles' printed and shown on OS 6" 1855 map	Not Extant at mapped location
MHU12996	Buildings at Mouse Hill	Three buildings mapped on 1893 OS map labelled 'Mouse Hill'	No access
MHU1381	Site of Two Round Barrows	Two round barrows located prior to 1968.	No access

24.4.2.3.1 Site of Round Barrow - MHU1689

29. The site of a round barrow (MHU1689) dating to the Bronze Age is recorded within the Humber HER. This is shown as a tumulus on the 1854 OS map with aerial photography also showing a ring ditch.
30. During the walkover survey a slight rise in the arable field in which the asset is mapped was observed. This is shown in **Plate 24.4-11** however, though the location matches with the general asset location noted in the Humber HER, this slight undulation cannot be associated with the round barrow record with complete certainty.



Plate 24.4-11 Raised Ground Possibly Corresponding to Round Barrow (MHU1689), Photographed Facing North-East.

24.4.2.3.2 New Road Bridge – MHU13113

31. New Road Bridge (MHU13113) provides access across the Holderness Drain ditch which separates arable fields. The bridge was constructed sometime between the post-medieval period and the 19th century. The bridge is well-concealed by shrubbery and adjacent grasses **Plate 24.4-12**).
32. Due to the extent of foliage, observation of the condition of the structure was difficult.



Plate 24.4-12 New Road Bridge (MHU13113) Photographed Facing North.

24.4.2.3.3 Linleyhill Road Bridge - MHU13183

33. The Linleyhill Road Bridge (MHU13183) crosses the Holderness Drain along Carr Lane with the site of a bridge at this location mapped in the 19th century (on the 1891 OS map) as noted in the Humber HER.
34. The walkover survey observed the bridge at the mapped location (**Plate 24.4-13**). Given the extent of steel on the bridge, there is indication that the present-day bridge would have been built at the end of the 19th century, due to steel being used from the end of the period onwards, or that the bridge was reinforced in the modern period. Due to the surrounding foliage, the full extent of the bridge structure was concealed.



Plate 24.4-13 Linleyhill Road Bridge (MHU13183) Photographed Facing North.

24.4.2.3.4 Barf Hill Bridge, Barf Hill – MHU13146

35. The Barf Hill Road Bridge (MHU13146) is positioned along an access route for the onshore ECC. The bridge is situated on Aike Lane and crosses the Coal Dike watercourse, north of Aike. The Humber HER notes this bridge to have been constructed sometime between the post-medieval period and the 19th century.
36. The bridge appears to be constructed predominantly from brick and survives well (**Plate 24.4-14**).



Plate 24.4-14 Barf Hill Road Bridge (MHU13146) Photographed Facing North-West.

24.4.2.3.5 Pillbox on Scarborough Lane – S0005645/S002820

37. In addition to those assets recorded on the Humber HER, is a WWII pillbox recorded by the Defence of Britain Project on Scarborough Lane. It is noted that this record has two record numbers in the Defence of Britain database (S0005645 and S0002820) however both appear to correspond to the same pillbox.
38. The site walkover confirmed the extant remains of this pillbox which survive in relatively good condition with some damage from vegetation as shown in **Plate 24.4-15**.



Plate 24.4-15 Pillbox on Scarborough Lane as Recorded as Part of the Defence of Britain Project (S0005645/S0002820), Photographed Facing North-East.

24.4.2.3.6 Milestone, B1248 – MHU13033

39. This milestone (MHU13033) was situated to the east of Cherry Burton along the footpath running adjacent to the north of the B1248. It survives in relatively good condition despite being partially covered by surrounding foliage (**Plate 24.4-16**).



Plate 24.4-16 Milestone Adjacent to B1248 (MHU13033), Photographed Facing North-East.

24.4.2.3.7 Walkington Park – MHU12968

40. South of Walkington is Walkington Park (MHU12968). Though undated in the Humber HER, the parkland was mapped on the 1893 OS Map.
41. The walkover survey was completed crossing the public right of way running through the present day Walkington Park. It was noted that the western half of the land is used for pasture. This is shown in **Plate 24.4-17**.



Plate 24.4-17 Walkington Park Photographed Facing South-West (MHU12968).

24.4.2.3.8 Site of Manor House, Bentley – MHU9750

42. Record MHU9750 corresponds to a manor house that stood within the SMV at Bentley.
43. No access could be obtained to the site of the asset during the walkover survey; however, the mapped location of the manor house could be seen from Bentley Road to the south. From this position, possible earthworks could be observed as shown in **Plate 24.4-18**. Though the earthworks were faintly visible, these can be confirmed by the LiDAR imagery of the area correlating to the earthworks.



Plate 24.4-18 Faint Earthworks Corresponding to the Site of Manor House, Bentley (MHU9750) Photographed Facing North Taken from South Along Bentley Road.

24.4.2.3.9 Beverley-Skidby-Hessle Ferry Turnpike – MHU9237

44. The Beverley-Skidby-Hessle Ferry turnpike (MHU9237) is recorded in the HER as dating to the post-medieval period. The mapped location of the asset indicates that this record aligns with the current road position.

24.4.2.4 Onshore Converter Station Zones

45. This section presents the heritage assets located within the Onshore Converter Station Zones. The Humber HER records three heritage assets within OCS Zone 8 which could have associated above ground remains. These are summarised in **Table 24.4-3**. There are no above ground heritage assets recorded within the Humber HER in OCS Zone 4.

Table 24.4-3 Summary of Heritage Assets within OCS Zone 8

List Entry	Name	Summary	Extant / Not extant
MHU12378	Site of Barn	Barn shown but not named on 1855 OS map.	Not Extant
MHU12981	Site of Old Chalk Pit	Chalk Pit printed and shown on 1893 OS map.	Not Extant
MHU12977	Ponds, S of Briarpit Plantation	The 1893 OS map shows ponds mapped south of Briarpit Plantation.	No Access

24.4.2.4.1 Site of Barn – MHU12378

46. Record MHU12378 within the Humber HER corresponds to a barn noted to have been constructed sometime between the post-medieval period and the 19th century, with the asset mapped but not named on the 1855 OS map. During the site walkover there was no visible evidence of a barn within OCS Zone 8 that could be observed.

24.4.2.4.2 Site of Old Chalk Pit – MHU12981

47. The site of an old chalk pit is mapped on the 1893 OS map with the feature recorded within the Humber HER as MHU12981. The site walkover did not identify any visible extant remains corresponding to this feature.

24.4.2.4.3 Ponds, South of Briarpit Plantation – MHU12977

48. Record MHU12977 corresponds to ponds identified on the 1893 OS map as recorded in the Humber HER. At the time of the walkover survey it was not possible to access the location of this asset, and it could not be observed from other locations such as from field boundaries or footpaths. Therefore, the extant nature and condition of this asset is unknown however more recent aerial imagery would suggest that these ponds are no longer extant.

24.4.3 Discussion

49. The heritage walkover survey has confirmed the presence of extant military remains within the landfall and intertidal zones, although they survive in varying conditions due to coastal erosion and are in most cases displaced from their original location. The condition of the extant pillboxes, anti-tank cubes and beach obstacles located on the beach have deteriorated greatly compared to the pillboxes that remain on the cliff within the landfall area. This includes a pillbox dating to WWII, complete with blast wall (MHU18422), and a square pillbox dating to WWI (MHU21240), which survive in good condition.
50. Also confirmed by the heritage walkover survey, in addition to those noted within the Humber HER, is the survival of a WWII-dated pillbox recorded as part of the Defence of Britain Project. Record S0005645/S0002820 is present within the onshore ECC along Scarborough Lane.
51. The walkover survey also highlighted the extent of deep organic deposits within the cliff face relating to Withow Mere (MHU3862) and likely associated with the Mesolithic and Neolithic activity recorded at Withow Gap (MHU9001).
52. Across the areas where earthworks are mapped within the onshore ECC (as recorded in the Humber HER), the walkover survey highlighted that, where these features are extant, they survive as undulations in the landscape and were not particularly definitive as archaeological features.
53. Earthworks are considered a rare resource due to the nature of the farming industry across East Yorkshire and as such their heritage importance is considered greater where they do survive.

References

English Heritage (2010), Revised, Rapid Coastal Zone Assessment Survey, Yorkshire and Lincolnshire: Bempton to Donna.

List of Tables, Plates and Figures

List of Tables

Table 24.4-1 Summary of Heritage Assets at Landfall and Intertidal Zone	18
Table 24.4-2 Summary of Heritage Assets Along Onshore ECC.....	32
Table 24.4-3 Summary of Heritage Assets within OCS Zone 8.....	44

List of Plates

Plate 24.4-1 Military Structures Visible on the Beach, Photographed Facing East Towards the Sea. 22	
Plate 24.4-2 Further Remains of Military Defence Structures Including Possible Roof of WWII Pillbox (MHU21242) Photographed Facing East Towards the Sea.....	23
Plate 24.4-3 Remains of Pillbox (MHU21224) on Beach, Photographed Facing East.	24
Plate 24.4-4 Remains of Eared Pillbox (MHU21233) on Beach, Photographed Facing North.	25
Plate 24.4-5 Remains of WWII Beach Defence Light (MHU21235) Photographed Facing East. ..	26
Plate 24.4-6 Remains of WWII Pillbox (MHU21237) Photographed Facing South-East.	27
Plate 24.4-7 WWII Pillbox and Surviving Blast Wall (MHU18422) Photographed Facing South-East. 28	
Plate 24.4-8 WWI Square Pillbox (MHU21240), Photographed Facing Eastwards.....	29
Plate 24.4-9 Withow Mere (MHU3862), Photographed Facing Inland Towards the West.....	30
Plate 24.4-10 Exposed Wooden Features within Withow Mere, Photographed Facing North-West.	31
Plate 24.4-11 Raised Ground Possibly Corresponding to Round Barrow (MHU1689), Photographed Facing North-East.	36
Plate 24.4-12 New Road Bridge (MHU13113) Photographed Facing North.....	37
Plate 24.4-13 Linleyhill Road Bridge (MHU13183) Photographed Facing North.	38
Plate 24.4-14 Barf Hill Road Bridge (MHU13146) Photographed Facing North-West.	39
Plate 24.4-15 Pillbox on Scarborough Lane as Recorded as Part of the Defence of Britain Project (S0005645/S0002820), Photographed Facing North-East.	40
Plate 24.4-16 Milestone Adjacent to B1248 (MHU13033), Photographed Facing North-East.	41
Plate 24.4-17 Walkington Park Photographed Facing South-West (MHU12968).....	42
Plate 24.4-18 Faint Earthworks Corresponding to the Site of Manor House, Bentley (MHU9750) Photographed Facing North Taken from South Along Bentley Road.	43

List of Figures

Figure 24.4-1 Location of Heritage Assets included within the Heritage Walkover Survey	6
--	---

List of Acronyms

Acronym	Definition
DBD	Dogger Bank D
ECC	Export Cable Corridor
ESBI	Energy Storage and Balancing Infrastructure
ETG	Expert Topic Group
GIS	Geographic Information System
HER	Historic Environment Record
OCS	Onshore Converter Station
OS	Ordnance Survey
PEIR	Preliminary Environmental Information Report
SMV	Shrunken Medieval Village
WWI	First World War
WWII	Second World War