Morven Offshore Wind Farm



Morven Hawthorn Pit Grid Connection Project

Preliminary Environmental Information Report

Volume 4, Annex 1.2: Visual Baseline Technical Report

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Glossary

Term	Meaning
Amenity	The natural environment, cultural heritage, landscape and visual quality. Also includes the impact of the Applicant's works on communities, such as the effects of noise and disturbance from construction activities.
Baseline	Existing conditions as represented by the latest available data, whether from literature or survey and used as a benchmark for making comparisons to assess the impact of a development or project.
Blue Onshore Land Substation (LSS) Option Area	Proposed location option for the onshore land substation, located west of the A19 and south of the access road to the Jade Business Park.
Effect	Term used to express the consequence of an impact. The significance of an effect is determined by correlating the magnitude of the impact with the importance, or sensitivity, of the receptor or resource in accordance with defined significance criteria.
Green Onshore Land Substation (LSS) Option Area	Proposed location option for the onshore land substation, located between Jade Business Park (Spring Rd, Murton, Seaham SR7 9DR) and the National Grid Hawthorn Pit Substation.
Impact	A change caused by an action that occurs during a project's lifetime.
Landfall	The area in which the offshore export cables make landfall (come onshore) and the transitional area between the offshore cabling and the onshore cabling. This term applies to the entire landfall area between the trenchless technique exit pits and the transition joint bay inclusive of all construction works.
Landform	The shape and form of the land surface which has resulted from combinations of geology, geomorphology, slope, elevation and physical processes.
Landscape	An area, as perceived by people, the character of which is the result of the action and interaction of natural and/or human factors.
Likely Significant Effect	Effects from the Proposed Development that have a pathway for effect to the National site that could affect the conservation objectives for the site's qualifying features. If the proposed development 'would be likely to have significant effect on a 'National site' as per the Habitat Regulations, then

	then an appropriate assessment of the plan or project must be carried out by the Competent Authority.
MHPGC Project PEIR Red Line Boundary	The area within which all components of the MHPGC Project will be located, including areas required on a temporary basis during construction and/or decommissioning (such as construction compounds).
MHPGC Project Preliminary Environmental Information Report (PEIR)	A report that provides preliminary environmental information in accordance with the Infrastructure Planning (Environmental Impact Assessment) Regulations 2017. This is information that enables consultees to understand the likely significant environmental effects of a project and which helps to inform consultation responses.
MHPGC Project Scoping Boundary	The spatial extent of the area used to define the environmental baseline to inform impact assessments at the time the MHPGC Project Scoping Report was submitted.
MHPGC Project Scoping Report	A Scoping Report for the MHPGC Project, scoping the likely significant effects of the project on the environment, was submitted and accepted by Planning Inspectorate (PINS) and submitted to the Scottish Ministers, via the Marine Directorate – Licencing Operations Team (MD-LOT) in February 2025.
Morven Hawthorn Pit Grid Connection Project	The MHPGC Project is comprised of the offshore export cables in Scottish and English waters from the Morven North or the Morven South offshore substation platform(s) (OSP), landfall, onshore export cables, the onshore land substation (LSS) and AC connection cables. Also referred to in this report as the MHPGC Project, for ease of reading.
Onshore Land Substation (LSS)	A purpose-built site comprising a compound containing the electrical components for converting the HVDC to HVAC power. The LSS site associated with the MHPGC Project adjusts the power quality and power factor to meet the requirements of power supply being fed to the National Grid Hawthorn Pit Substation.
Receptor	A specific environmental feature, resource, population or asset that may be affected by the MHPGC Project, either directly or indirectly, and which falls within the environmental topics considered under the EIA Regulations.

Seascape	Landscapes with views of the coast or seas, and coasts and adjacent marine environments with cultural, historical and archaeological links with each other.
Significance	Effect factor that is determined by the magnitude of impact along with the sensitivity of the receptor.
Susceptibility	The ability of a defined landscape or visual receptor to accommodate the specific proposed development without undue negative consequences.
the Study Area	For each environmental topic, the baseline environment will be characterised, and the likely significant effect will be described within a topic-specific Study Area. Specific Study Areas are defined for each topic and are based on the maximum spatial extent across which likely significant effects of the MHPGC Project may be experienced by the relevant receptors (i.e. Zone of Influence (ZoI)).
Visual amenity	The overall pleasantness of the views people enjoy of their surroundings, which provides an attractive visual setting or backdrop for the enjoyment of activities of the people living, working, recreating, visiting or travelling through an area.
Zone of Theoretical Visibility (ZTV)	A computer-generated map that illustrates the area from which a proposed development may be visible based on a digital model.

Acronyms

Acronym	Meaning
AHLV	Area of Higher Landscape Value
EIA	Environmental Impact Assessment
EWG	Expert Working Group
GLVIA3	Guidelines for Landscape and Visual Impact Assessment 2013 (3rd edition)
IEMA	Institute of Environmental Management and Assessment
LSS	onshore land substation
LVIA	Landscape and Visual Impact Assessment
MHPGC	Morven Hawthorn Pit Grid Connection
PEIR	Preliminary Environmental Information Report
PRoW	Public Right of Way
ZTV	Zone of theoretical visibility

Units

Unit	Meaning
m	metre

Executive Summary

This report presents the Visual Baseline Technical Report for the Morven Hawthorn Pit Grid Connection (MHPGC) Project. It forms **Volume 4, Annex 1.2: Visual Baseline, of the Preliminary Environmental Information Report (PEIR)**.

The purpose of this report is to provide a comprehensive understanding of the baseline visual amenity from twenty viewpoints identified for the MHPGC Project. The report is supported by technical photography for each viewpoint. The value, susceptibility, and sensitivity of receptors at the viewpoints is defined, to inform the assessment of impact on visual amenity within **Volume 4, Chapter 1: Landscape and Visual Amenity, of the PEIR**.

1 Introduction

1.1 Overview

1.1.1.1 This report presents the visual baseline for the Morven Hawthorn Pit Grid Connection Project (referred to hereafter as 'the MHPGC Project'). It forms **Volume 4, Annex 1.2: Visual Baseline, of the Preliminary Environmental Information Report (PEIR)** prepared for the MHPGC Project and supports **Volume 4, Chapter 1: Landscape and Visual Amenity, of the PEIR**.

1.1.1.2 This report provides a description of the baseline visual amenity from each viewpoint, along with technical photographs. This provides a basis for the assessment of sensitivity and impact on visual amenity, which is detailed within **Volume 4, Chapter 1: Landscape and Visual Amenity, of the PEIR**.

1.1.1.3 The report presented is informed by the following technical chapters:

- **Volume 1, Chapter 2: Project Description, of the PEIR;**

1.1.1.4 The chapter also draws on information contained within the following annexes:

- **Volume 1, Annex 4.3: Transboundary Screening, of the PEIR**;
- **Volume 1, Annex 4.4: Cumulative Screening and Location Plan, of the PEIR;**
- **Volume 4, Annex 1.3: Landscape and Visual Amenity Impact Assessment Methodology, of the PEIR**.

2 Visual baseline description

2.1.1.1 The MHPGC Project Scoping Report identified 20 proposed viewpoint locations to cover a range of receptor locations based on the MHPGC Project Scoping Boundary, MHPGC Project information and zone of theoretical visibility (ZTV) at the time of writing.

2.1.1.2 Due to the MHPGC Project design evolution and refinement since the MHPGC Project Scoping Report, revised viewpoint locations were proposed and agreed with the EWG. The approach to the visual baseline and viewpoint locations has been agreed with the EWG and is described further in **Volume 4, Chapter 1: Landscape and Visual Amenity, of the PEIR, Section 1.3.2**.

2.1.1.3 To inform selection of viewpoint locations, an updated ZTV was produced, based on a theoretical height of 30m for each LSS Option Area. Based on the ZTV it was proposed that of the 20 viewpoint locations:

- Five would be slightly relocated (viewpoints 1, 2, 3, 6 and 19) to ensure greatest potential visibility towards the MHPGC Project;
- Two would be replaced with alternative locations (viewpoints 13 and 14) to remove viewpoints with no theoretical visibility and replace them with new locations in areas of the ZTV where no viewpoints were proposed.

2.1.1.4 The viewpoint locations have been selected and agreed with the EWG with consideration of:

- the extent of theoretical visibility shown on the ZTV;
- a review of the viewpoints proposed within the MHPGC Project Scoping Report;
- cross-referencing with aerial photography;
- cross-referencing with Ordnance Survey mapping;
- consideration of sensitive visual receptor locations (including public rights of way (PRoW), open spaces, settlements, and transport routes); and
- providing a proportionate number of viewpoints from a range of distances and directions.

2.1.1.5 The Landscape and Visual Amenity Study Area is presented in **Figure 1.2.1**, alongside the following figures:

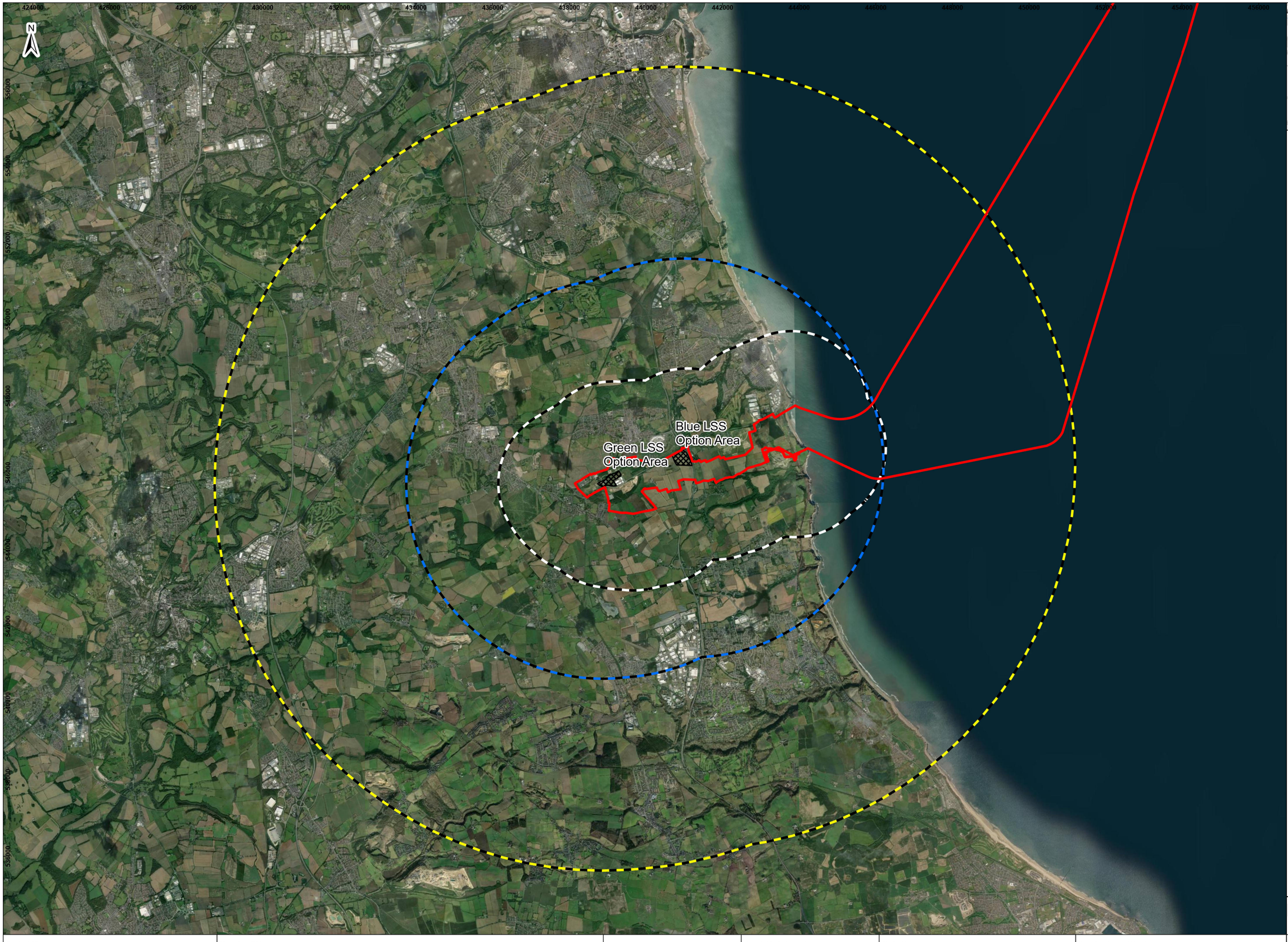
- **Figure 1.2.2: Zone of theoretical visibility and viewpoints – green LSS;**
- **Figure 1.2.3: Zone of theoretical visibility and viewpoints – blue LSS;**
- **Figure 1.2.4: Amenity access**.

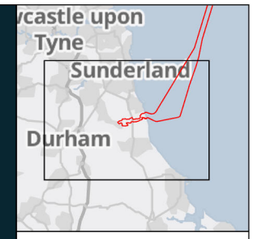
2.1.1.6

2.1.1.7 The identification of the Landscape and Visual Amenity Study Area is described in **Volume 4, Chapter 1: Landscape and Visual Amenity, of the PEIR, Section 1.4.2**.

2.1.1.8 The technical photographs have been taken at each viewpoint in summer and winter months in daytime only by a specialist technical photographer accompanied by a landscape architect and following guidance within TGN 06/19 Visual Representation of development proposals (Landscape Institute, 2019). Annotated photographs are provided in **Appendix 1 (A.1)** of this report with individual location plans, details of dates, times, camera and to the following formats agreed with the EWG:

- 360º panorama
- 90º panorama in the direction of LSS Option Areas (and Landfall where relevant); and
- 50º single-frame in the direction of LSS Option Areas (and Landfall where relevant).





LEGEND

- MHPGC Project PEIR Red Line Boundary
- LSS Option Areas
- Landscape and Visual Amenity Study Area – 2km
- Landscape and Visual Amenity Study Area – 5km
- Cumulative Landscape and Visual Amenity Study Area

The Landscape and Visual Amenity Study Area extends 5km from the LSS Option Areas and 2km from the MHPGC Project PEIR Red Line Boundary: Onshore.

The Cumulative Landscape and Visual Amenity Study Area extends 10km from the LSS Option Areas.

Morven Offshore Wind Farm

RAMBOLL

Project Name:
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT

Drawing Title:
FIGURE 1.1: LANDSCAPE AND VISUAL AMENITY STUDY AREA

0 2 km

Scale@A3 1:90,000

Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid

Data Sources:
M3, Ramboll, Ordnance Survey

Service Layer Credits:
Earthstar Geographics, Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack

Drawing Number:
MHPGC-RAM-LX-0007-04

VER	DATE	DETAILS	BY	CH	AP
01	27/01/26	Initial Issue	BW	KB	IL
03	20/08/26	Updates	JC	BW	IL
04	29/09/26	Updates	BW	JC	IL

Green LSS Option Area

LEGEND

- MHPGC Project PEIR Red Line Boundary
- Green LSS Option Area
- Landscape and Visual Amenity Study Area – 2km
- Landscape and Visual Amenity Study Area – 5km
- Building
- Woodland
- Viewpoint Location

Zone of Theoretical Visibility (ZTV) Scenarios:

DTM (Digital Terrain Model)
No obstructions; visibility based solely on terrain

DTM + Buildings + Woodland
Visibility obstructed by buildings and woodland areas

DSM (Digital Surface Model)
Visibility obstructed by all above-ground features, including buildings, vegetation, and other structures

Disclaimer:

1. ZTV were calculated using points placed at 100m intervals around the LSS Option boundary, set at 30m above ground level as the height would not extend across the full extent of the LSS Option area.

2. Visibility analysis was conducted for three different scenarios using the DEFRA LIDAR Composite DTM and DSM (2m x 2m resolution, 8-bit unsigned pixel depth) excluding the area that extends offshore, along with Open Data layers representing woodland and buildings.

3. Predicted visibility based on a viewer eye height 2m above ground.

4. Observation Points set to 30m above ground level.

5. Effect of earth curvature and light refraction is included.

6.The Landscape and Visual Amenity Study Area extends 5km from the LSS Option Areas and 2km from the MHPGC Project PEIR Onshore Red Line Boundary.

Morven Offshore Wind Farm

RAMBOLL

Project Name:
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT

Drawing Title:
FIGURE 1.2: ZONE OF THEORETICAL VISIBILITY AND VIEWPOINTS - GREEN LSS

0 1 km

Scale@A3 1:50,000

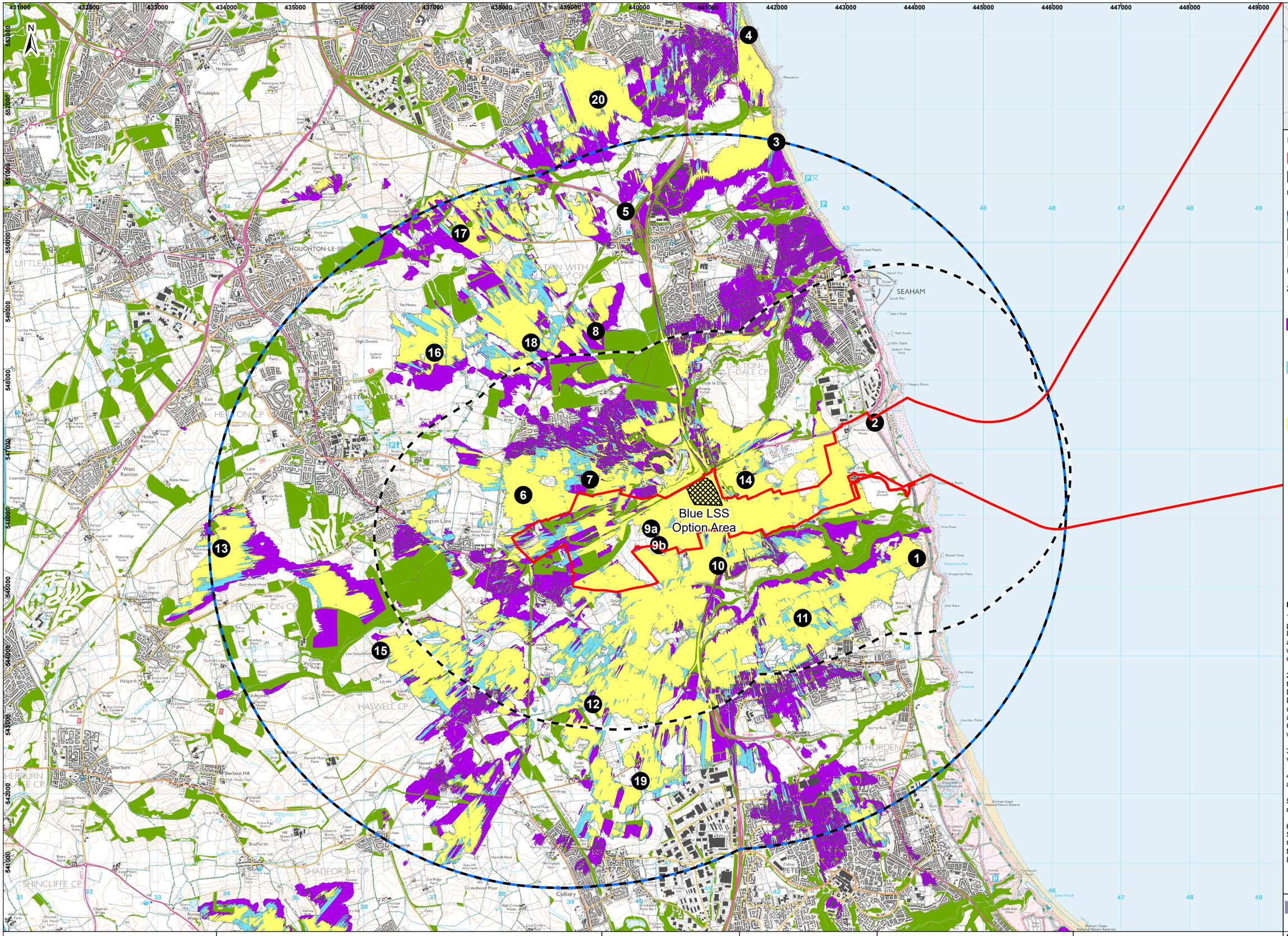
Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid

Data Sources:
M3, Ramboll, Ordnance Survey, DEFRA, Environment Agency

Service Layer Credits:
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Drawing Number:
MHPGC-RAM-LX-0008-02

VER	DATE	DETAILS	BY	CH	AP
01	14/07/26	Initial	BW	KB	IL
02	20/08/26	Update	JC	BW	IL



LEGEND

- MHPGC Project PEIR Red Line Boundary
- Blue LSS Option Area
- Landscape and Visual Amenity Study Area – 2km
- Landscape and Visual Amenity Study Area – 5km
- Building
- Woodland
- Viewpoint Location

Zone of Theoretical Visibility (ZTV) Scenarios:

DTM (Digital Terrain Model)
No obstructions; visibility based solely on terrain

DTM + Buildings + Woodland
Visibility obstructed by buildings and woodland areas

DSM (Digital Surface Model)
Visibility obstructed by all above-ground features, including buildings, vegetation, and other structures

Disclaimer:

1. ZTV were calculated using points placed at 100m intervals around the LSS Option boundary, set at 30m above ground level as the height would not extend across the full extent of the LSS Option area.

2. Visibility analysis was conducted for three different scenarios using the DEFRA LIDAR Composite DTM and DSM (2m x 2m resolution, 8-bit unsigned pixel depth) excluding the area that extends offshore, along with Open Data layers representing woodland and buildings.

3. Predicted visibility based on a viewer eye height 2m above ground.

4. Observation Points set to 30m above ground level.

5. Effect of earth curvature and light refraction is included.

6.The Landscape and Visual Amenity Study Area extends 5km from the LSS Option Areas and 2km from the MHPGC Project PEIR Onshore Red Line Boundary.

Morven Offshore Wind Farm

RAMBOLL

Project Name:
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT

Drawing Title:
FIGURE 1.3: ZONE OF THEORETICAL VISIBILITY AND VIEWPOINTS - BLUE LSS

0 1 km

Scale@A3 1:50,000

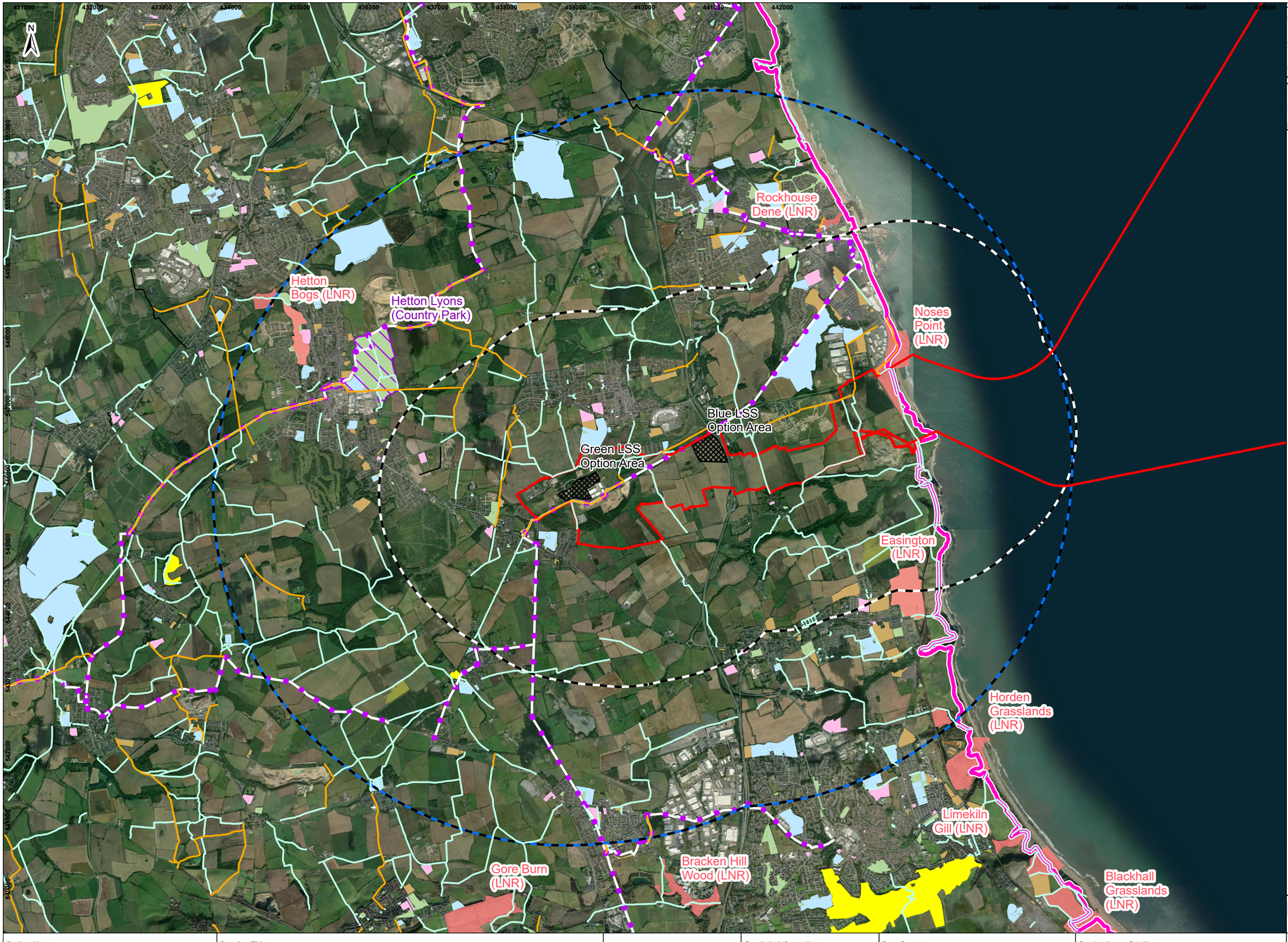
Geodetic Information:
Datum: OSGB 1936
Projection: British National Grid

Data Sources:
M3, Ramboll, Ordnance Survey, DEFRA, Environment Agency

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Drawing Number:
MHPGC-RAM-LX-0009-02

VER	DATE	DETAILS	BY	CH	AP
01	14/07/26	Initial	BW	KB	IL
02	20/08/26	Update	JC	BW	IL



The Landscape and Visual Amenity Study Area extends 5km from the LSS Option Areas and 2km from the MHPGC Project PEIR Onshore Red Line Boundary.

Morven Offshore Wind Farm

RAMBOLL

Project Name: MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	**Drawing Title:** FIGURE 1.8: AMENITY ACCESS	0 1 km Scale@A3 1:50,000	**Geodetic Information:** Datum: OSGB 1936 Projection: British National Grid	**Data Sources:** M3, Ramboll, Ordnance Survey, Natural England, Durham County Council, Sunderland City Council, Walk Wheel Cycle Trust	**Service Layer Credits:** Earthstar Geographics, Contains OS data © Crown Copyright and database right 2026. Contains data from OS Zoomstack Contains public sector information licensed under the Open Government Licence v3.0. © Natural England Copyright 2025. Copyright © 2025 Durham County Council. Copyright © 2025 Sunderland City Council. © Walk Wheel Cycle Trust. Contains Ordnance Survey data © Crown copyright and database right 2025.

Drawing Number: MHPGC-RAM-LX-0006-04

VER	DATE	DETAILS	BY	CH	AP
01	10/12/25	Initial Issue	BW	JC	IL
03	09/07/26	Updates	BW	KB	IL
04	20/08/26	Updates	JC	BW	IL

2.2 Viewpoint 1

2.2.1.1 The view is representative of the users of public rights of way (PRoW) 2 Easington Colliery, and the nearby King Charles III English Coast Path that aligns with the Heritage Coast and runs adjacent to the railway corridor. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.2.1.2 The viewpoint is positioned on the higher ground of Beacon Hill. The visual context is characterised by generally open land with dual-sided fencing delineating agricultural fields. The foreground is predominantly comprised of agricultural fields and grassland, featuring an agricultural warehouse to the southwest, while panoramic sea views extend towards the east. The view includes shipping and fishing vessels on the sea of a range of sizes and at a range of distances.

2.2.1.3 Towards the direction of the MHPGC Project PEIR Red Line Boundary, agricultural fields dominate the foreground. The midground includes a few cottages and the woodland area of Hawthorn Burn. In the distant background, further settlements can be observed, along with wind farms and electricity pylons.

2.2.1.4 The MHPGC Project PEIR Red Line Boundary is located approximately 1,000m to the northwest. Agricultural fields within the MHPGC Project PEIR Red Line Boundary are partially visible in the background, intermittently obscured by the woodland of Hawthorn Burn.

2.2.1.5 The Blue and Green LSS Option Areas are located approximately 2,900m and 4,700m to the northwest respectively. The sites of the Blue and Green LSS Option Areas are not visible in the background of the existing view.

2.3 Viewpoint 2

2.3.1.1 This viewpoint is located inside the MHPGC Project PEIR Red Line Boundary to the east of Landfall and is representative of the users of PRoW 5 Hawthorn and 14 Seaham and recreational users engaged in hiking and visiting adjacent tourist sites, including Nose's Point and Blast Beach. Specifically, this view is aligned with the King Charles III England Coast Path which also extends to the north and south along the Durham Heritage Coast. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.3.1.2 The visual context features generally semi-open access land and Noses Point Local Nature Reserve. The foreground comprises planting hedges and railway tracks at the west, while open grassland and panoramic sea views from an elevated position extend to the east. From Blash Beach, views west are contained by the cliff face which directs views eastwards out across the sea. The view includes shipping and fishing vessels on the sea of a range of sizes and at a range of distances.

2.3.1.3 To the west, the foreground consists of dense hedges and operational railway tracks partially hidden behind the hedges. Due to the elevation increase towards the west and the presence of hedges in the foreground, only a few agricultural fields and the rooftops of warehouses and the Spectrum Business Park are visible in the midground, with no discernible distant views beyond.

2.3.1.4 The Blue and Green LSS Option Areas are located approximately 2,550m and 4,400m to the southwest respectively. The sites of the Blue and Green LSS Option Areas are not visible in the background of the existing view.

2.4 Viewpoint 3

2.4.1.1 The view is representative of users of the King Charles III England Coast Path and the Durham Heritage Coast to the north of Seaham. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.4.1.2 The foreground of the view consists of open grassland. The mid-ground of the view comprises mature trees and vegetation with intermittent visibility of a range of building types. To the south the settlement of Seaham is noticeable. There are open views east out to sea from an elevated position. In the direction of the Blue and Green LSS Option Areas the presence of mature vegetation, topography, and built form contain distant views.

2.4.1.3 This viewpoint was included within the MHPGC Project Scoping Report and Landscape and Visual Viewpoint Photography Scope Technical Note, however following MHPGC Project refinement it is located outside the Landscape and Visual Amenity Study Area and not judged to have the potential for significant visual impacts due to distance combined with the presence of intervening vegetation, topography and built form, so has been scoped out from further consideration and agreed with the EWG. Photography from this viewpoint is provided for reference.

2.5 Viewpoint 4

2.5.1.1 The view is representative of users of the King Charles III England Coast Path and the Durham Heritage Coast to the east of Ryhope. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.5.1.2 The foreground of the view consists of open grassland and large agricultural field. The mid-ground of the view comprises mature trees and vegetation with intermittent visibility of a range of building types, including residential properties at Ryhope and associated street lighting. To the south the settlement of Seaham is noticeable at a lower elevation. There are open views east out to sea from an elevated position. In the direction of the Blue and Green LSS Option Areas the presence of mature vegetation and topography contain distant views.

2.5.1.3 This viewpoint was included within the MHPGC Project Scoping Report and Landscape and Visual Viewpoint Photography Scope Technical Note, however following MHPGC Project refinement it is located outside the Landscape and Visual Amenity Study Area and not judged to have the potential for significant visual impacts due to distance combined with the presence of intervening vegetation and topography, so has been scoped out from further consideration and agreed with the EWG. Photography from this viewpoint is provided for reference.

2.6 Viewpoint 5

2.6.1.1 The view is representative of walkers and cyclists travelling along the disused railway corridor to the north of Seaton. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.6.1.2 The viewpoint illustrates an opening in vegetation as the route crosses the A19 on an overbridge. There are views south from an elevated position across the A19 with associated vehicles and infrastructure. Mature trees and vegetation around the A19 and the junction/slip roads with Seaton Lane and A1018 limit visibility beyond the junction.

2.6.1.3 Although Viewpoint 5 is located within the Landscape and Visual Amenity Study Area, the view is visually screened by intervening woodland and landform. The zone of theoretical visibility (ZTV) presented in **Figure 1.2.1 and Figure 1.2.2** illustrates that an LSS in the Blue and Green LSS Option Areas would not be visible from this location. Therefore, this viewpoint has been scoped out from further consideration and agreed with the EWG. Photography from this viewpoint is provided for reference.

2.7 Viewpoint 6

2.7.1.1 The view is representative of the users of PRoW 9 and 11 Murton across agricultural fields. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.7.1.2 The visual context features generally open agricultural land, with a few hedges at the edges of the fields. The residential settlement of Murton appears in the midground to the north. Surrounding the viewpoint are utility elements including utility poles, electricity pylons and wind turbines.

2.7.1.3 Towards the direction of the MHPGC Project PEIR Red Line Boundary, the foreground consists of agricultural land, with the presence of utility poles and electricity pylons. Hawthorn Pit Substation is located to the south, partially screened by woodland and hedges.

2.7.1.4 The MHPGC Project PEIR Red Line Boundary is located approximately 500m to the south. Agricultural fields and Hawthorn Pit/National Grid Substation, within the MHPGC Project PEIR Red Line Boundary, are visible in the midground.

2.7.1.5 The Blue and Green LSS Option Areas are located approximately 2,050m and 850m to the southeast respectively. Both the site of the Blue and Green LSS Option Areas are visible in the existing view. The planting around the northern boundary of the Green LSS Option Area is visible in the midground of the view.

2.8 Viewpoint 7

2.8.1.1 The view is representative of the recreational users of Murton Recreation Ground and the allotment and the nearby residents of Murton. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.8.1.2 The visual context features semi-enclosed grassland, with clusters of tall, dense trees. Within the viewpoint, football courts, play equipment, street lighting, footpaths, and street furniture are present. The residential area of Murton is located to the north.

2.8.1.3 Towards the direction of the MHPGC Project PEIR Red Line Boundary, the foreground and midground consist of grassland and a small football court within Murton Recreation Ground, accompanied by a few tall trees.

2.8.1.4 The MHPGC Project PEIR Red Line Boundary is located approximately 200m to the south. A small portion of agricultural fields and hedges within the MHPGC Project PEIR Red Line Boundary are visible in the midground.

2.8.1.5 The Blue and Green LSS Option Areas are located approximately 1,050m to the east and 500m to the south respectively. The sites of the Blue LSS Option Area is positioned at a greater distance, however it is visible because of its elevation. In contrast, the Green LSS Option Area is positioned closer to the receptor but not visible due to obstruction by intervening trees and hedges.

2.9 Viewpoint 8

2.9.1.1 The view is representative of the users of PRoW 8 Seaton with Slingley passing through the agricultural fields. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.9.1.2 The viewpoint is positioned on the edge of an Area of Higher Landscape Value (AHLV) and situated on a narrow path flanked by fences on both sides. Despite the presence of some hedges, the view is predominantly open across the pasture grassland. Woodland is situated to the southeast, wind turbines are present to the west, and agricultural warehouses are located to the north.

2.9.1.3 Towards the direction of the MHPGC Project PEIR Red Line Boundary, the foreground consists of pasture grassland with utility poles, while the midground is dominated by woodland. The elevated terrain towards the south obscures the view beyond the woodland.

2.9.1.4 The MHPGC Project PEIR Red Line Boundary is located approximately 2,300m to the south. None of the existing land or structures within the MHPGC Project PEIR Red Line Boundary are visible from the viewpoint, as they are concealed by the woodland and the topography.

2.9.1.5 The Blue and Green LSS Option Areas are located approximately 2,650m and 2,650m to the south respectively. The sites of the Blue and Green LSS Option Areas are not visible in the background of the existing view due to the presence of topography and woodland.

2.10 Viewpoint 9

2.10.1.1 This viewpoint is located inside the MHPGC Project PEIR Red Line Boundary, between Coop House Wood, the Access Road to Jade Business Park, the A19, and West Lane. The view is representative of the users of PRoW 11 Hawthorn passing through the agricultural fields. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.10.1.2 Two photograph locations have been used for this receptor due to the nature of potential visibility of the LSS Option Areas and screening by existing hedgerows and landform around the PRoW. The PRoW crosses the brow of a hill, with more open views to the northwest from the south side, and more open views to the northeast from the north side. Viewpoint 9a is positioned on a narrow path situated under a row of utility poles. It is bordered by tall dense hedges on the west side, while the

east side offers an open view of agricultural land. Viewpoint 9b is positioned further south along the PRoW where views open out to the west and north.

2.10.1.3 Within the MHPGC Project PEIR Red Line Boundary, there is an open view across agricultural land to the east, which rises to Batter Law Hill forming the horizon line. Agricultural buildings are visible to the south and southwest in the foreground. The north features residential settlements, electricity pylons, and tall trees in the midground and background. To the south, agricultural land is present in the midground, with roads, tall trees, and small residential settlements forming the background. To the northwest there is a clear view of a wind turbine in the midground with a row of pylons and buildings within Jade Business Park visible across the horizon line beyond Coop House Wood.

2.10.1.4

2.10.1.5 The Blue and Green LSS Option Areas are located approximately 350m to the northeast and 800m to the west respectively. The sites of the Blue and Green LSS Option Areas are not visible in the background of the existing view due to the topography.

2.11 Viewpoint 10

2.11.1.1 This viewpoint is located approximately 340m to the south of the MHPGC Project PEIR Red Line Boundary on West Road immediately west of the A19. The view is representative of the residents of Hawthorn and people travelling on foot, cycle, or in a vehicle along West Lane. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.11.1.2 The viewpoint is positioned on the edge of an AHLV, on West Lane which forms a bridge over the A19 highway, with a nearby driveway leading to East Batter Law Farm. The view is generally enclosed by trees to the east, semi-enclosed by trees to the southwest, while the view to the north is open across agricultural land.

2.11.1.3 Within the MHPGC Project PEIR Red Line Boundary, utility poles, traffic signs and the driveway are visible in the foreground. Agricultural lands with a narrow driveway extend in the foreground and midground to the north. Additionally, there is a cluster of tall trees and cottages in the midground to the north.

2.11.1.4 The Blue and Green LSS Option Areas are located approximately 900m to the north and 1,900m to the northwest respectively. The site of the Blue LSS Option Area is situated at a medium distance, and it is clearly visible. In contrast, the site of the Green LSS Option Area is not visible due to the intervening topography.

2.12 Viewpoint 11

2.12.1.1 The view is representative of the users of PRoW 3 Easington Colliery passing through the agricultural fields. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.12.1.2 The visual context primarily features open agricultural land, with tall hedges anchored at the southeastern edge of the field.

2.12.1.3 Towards the direction of the MHPGC Project PEIR Red Line Boundary, the foreground comprises agricultural land, while the midground and background feature clusters of trees, residential settlements, and additional agricultural fields. Electricity pylons and wind turbines are also present in the background.

2.12.1.4 The MHPGC Project PEIR Red Line Boundary is located approximately 1,200m to the north. As the topography rises towards the north, the land within the MHPGC Project PEIR Red Line Boundary is not visible from this viewpoint.

2.12.1.5 The Blue and Green LSS Option Areas are located approximately 2,000m and 3,350m to the northwest respectively. Both the sites of the Blue and Green LSS Option Areas are not visible in the background of the view obscured by trees and topography.

2.13 Viewpoint 12

2.13.1.1 The view is representative of the users of PRoW 12 Easington Village) passing through the agricultural fields. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.13.1.2 The visual context primarily features open agricultural land, enclosed by tall hedges anchored to the west.

2.13.1.3 Towards the direction of the MHPGC Project PEIR Red Line Boundary, the foreground comprises agricultural land, agricultural warehouses, and a cottage with a few trees. The midground and background are characterised by clusters of trees, settlements, and additional agricultural fields, along with the presence of electricity pylons and wind turbines.

2.13.1.4 The MHPGC Project PEIR Red Line Boundary is located approximately 1,700m to the north. Hawthorn Pit Substation, Coop House Wood, agricultural land and electricity pylons within the MHPGC Project PEIR Red Line Boundary are visible in the background.

2.13.1.5 The Blue and Green LSS Option Areas are located approximately 3,050m to the northeast and 2,400m to the north respectively. Both the sites of the Blue and Green LSS Option Areas are not visible in the background of the view.

2.14 Viewpoint 13

2.14.1.1 The view is representative of the users of PRoW 16 Hetton) passing through the agricultural fields. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.14.1.2 The visual context primarily features open agricultural land, enclosed by dense tall hedges anchored to the north.

2.14.1.3 Towards the direction of the MHPGC Project PEIR Red Line Boundary, the foreground comprises a wide path with dense vegetation to the north and open agricultural land to the south. Utility poles are present in the midground, while dense woodland from Elemore Park and White Hill Woods is visible in the background. The background also includes rooftops of settlements, as well as electricity pylons and wind turbines.

2.14.1.4 The MHPGC Project PEIR Red Line Boundary is located approximately 4,200m to the east. Trees and electricity pylons within the MHPGC Project PEIR Red Line Boundary are visible in the background.

2.14.1.5 The Blue and Green LSS Option Areas are located approximately 4,800m and 6,350m to the east respectively. The sites of the Blue and Green LSS Option Areas are not visible in the background of the existing view.

2.15 Viewpoint 14

2.15.1.1 The view is representative of the residents of nearby properties and the users of PRoW 9 Hawthorn) passing through the agricultural fields. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.15.1.2 The visual context primarily features open agricultural land, with sparsely wooded areas and residential housing to the east.

2.15.1.3 Towards the direction of the MHPGC Project PEIR Red Line Boundary, the foreground consists of open agricultural land. The midground contains sparse trees, hedges and utility poles, while the midground and background are characterised by clusters of trees, settlements, and additional agricultural fields.

2.15.1.4 The MHPGC Project PEIR Red Line Boundary is located approximately 250m to the west. Trees and electricity pylons within the MHPGC Project PEIR Red Line Boundary are visible in the background.

2.15.1.5 The Blue and Green LSS Option Areas are located approximately 450m and 2,300m to the west respectively. The site of the Blue LSS Option Area is prominently visible in the midground of the view, while the site of the Green LSS Option Area is not directly visible due to the presence of intervening buildings.

2.16 Viewpoint 15

2.16.1.1 The view is representative of the users of public rights of way (PRoW 10 Haswell) passing through the agricultural fields. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.16.1.2 The visual context primarily features open agricultural land, with agricultural warehouses located to the southeast.

2.16.1.3 Towards the direction of the MHPGC Project PEIR Red Line Boundary, the foreground consists of open agricultural land, the midground contains woodland from Elemore Park, and the background is characterised by settlements, electricity pylons, and wind turbines.

2.16.1.4 The MHPGC Project PEIR Red Line Boundary is located approximately 2,500m to the northeast. The canopies of trees and electricity pylons within the MHPGC Project PEIR Red Line Boundary are visible in the background of the view.

2.16.1.5 The Blue and Green LSS Option Areas are located approximately 4,550m and 3,000m to the northeast respectively. Neither the sites of the LSS Option Area is visible in the background of the view, as they are obscured by dense woodland and built form within settlements.

2.17 Viewpoint 16

2.17.1.1 The view is representative of the users of Bridleway / Hetton-Warden Law Trail / PRoW 13 Hetton and the cyclists travelling though Sustrans National Cycle Network (Route 70). The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.17.1.2 The visual context primarily features open agricultural land, with agricultural warehouses located to the southwest and dominant electricity pylons to the east.

2.17.1.3 Towards the direction of the MHPGC Project PEIR Red Line Boundary, the foreground consists of open agricultural land along with dominant electricity pylons. The midground contains woodland from Carr House Plantation, while the background is characterised by agricultural land, settlements, additional electricity pylons, and wind turbines.

2.17.1.4 The MHPGC Project PEIR Red Line Boundary is located approximately 2,900m to the southeast. Canopy of trees and electricity pylons within the MHPGC Project PEIR Red Line Boundary are visible in the background.

2.17.1.5 The Blue and Green LSS Option Areas are located approximately 3,950m and 3,200m to the southeast respectively. The sites of the Blue and Green LSS Option Areas are not visible in the background of the existing view.

2.18 Viewpoint 17

2.18.1.1 The view is representative of the people travelling on foot, cycle, or in a vehicle along the B1401 highway and Salters Lane, and the users of Hetton-Warden Law Trail. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.18.1.2 The viewpoint is positioned on the junction of B1401 highway and Salters Lane. The visual context primarily features traffic roads and open agricultural land, with sparsely wooded areas.

2.18.1.3 Within the MHPGC Project PEIR Red Line Boundary, the foreground consists of the B1401 highway and open agricultural land with dense hedges in front. With the elevated terrain towards the south, the view beyond the agricultural land is obscured, only the utility poles and a few trees are visible in the background.

2.18.1.4 The MHPGC Project PEIR Red Line Boundary is located approximately 4,150m to the south. No existing land or structures within the MHPGC Project PEIR Red Line Boundary are visible in the background of the view due to the topography.

2.18.1.5 The Blue and Green LSS Option Areas are located approximately 4,950m to the southeast and 4,500m to the south respectively. The sites of the Blue and Green LSS Option Areas are not visible in the background of the existing view.

2.19 Viewpoint 18

2.19.1.1 The view is representative of the users of PRoW 5 Seaton with Slingley passing through the agricultural fields. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.19.1.2 The viewpoint is positioned on a narrow path with a nearby row of utility poles and a wind turbine. The visual context primarily features open agricultural land, with sparsely wooded areas and agricultural warehouses to the southwest.

2.19.1.3 Towards the direction of the MHPGC Project PEIR Red Line Boundary, the foreground consists of open agricultural land. The midground contains sparse trees and hedges, while the elevated terrain towards the south obscures the view beyond the trees and hedges.

2.19.1.4 The MHPGC Project PEIR Red Line Boundary is located approximately 2,400m to the south. No land or structures within the MHPGC Project PEIR Red Line Boundary are visible in the background of the view due to the topography.

2.19.1.5 The Blue and Green LSS Option Areas are located approximately 3,100m to the southeast and 2,750m to the south respectively. The sites of the Blue and Green LSS Option Areas are not visible in the background of the existing view.

2.20 Viewpoint 19

2.20.1.1 The view is representative of the users of PRoW 11 Easington Village passing through the agricultural fields. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.20.1.2 The viewpoint is generally open, positioned on a narrow path at the edge of agricultural fields. The visual context primarily features open agricultural land along with low linear hedges to the north and agricultural warehouses to the west.

2.20.1.3 Towards the direction of the MHPGC Project PEIR Red Line Boundary, the foreground consists of open agricultural land with low linear hedges. The midground contains sparse trees, hedges and cottages, along with utility poles and wind turbines. The elevated terrain towards the north obscures the view beyond the cottages.

2.20.1.4 The MHPGC Project PEIR Red Line Boundary is located approximately 2,850m to the north. No land or structures within the MHPGC Project PEIR Red Line Boundary are visible in the background of the view due to the topography.

2.20.1.5 The Blue and Green LSS Option Areas are located approximately 4,050m and 3,650m to the north respectively. The sites of the Blue and Green LSS Option Areas are not visible in the background of the existing view.

2.21 Viewpoint 20

2.21.1.1 The view is representative of people in the vicinity of Burdon Lane, with views south from a slightly elevated position. The viewpoint location is shown on **Figure 1.2.2** and **Figure 1.2.3**.

2.21.1.2 The foreground of the view comprises large arable fields with trees along field boundaries and telegraph poles crossing the view. The mid-ground of the view includes a rolling agricultural landscape with clear visibility of properties in Murton and distant views towards Seaham.

2.21.1.3 This viewpoint was included within the MHPGC Project Scoping Report and Landscape and Visual Viewpoint Photography Scope Technical Note, however following MHPGC Project refinement it is located outside the Landscape and Visual Amenity Study Area and not judged to have the potential for significant visual impacts due to distance combined with the presence of intervening vegetation, topography and built form, so has been scoped out from further consideration and agreed with the EWG. Photography from this viewpoint is provided for reference.

3 Summary

3.1.1.1 16 viewpoint locations have been agreed with the EWG as a basis for the visual impact assessment. 20 viewpoint locations were proposed initially within the MHPGC Project Scoping Report, before being refined based on an updated ZTV and MHPGC Project PEIR Red Line Boundary and LSS Option Areas (five viewpoints slightly relocated and two viewpoints replaced). Once photography was undertaken and reviewed, it was agreed with the EWG that four viewpoints could be scoped out from the assessment due to the nature of existing screening from intervening vegetation, landform and built form resulting in the likelihood of no noticeable impacts.

3.1.1.2 Photography from agreed viewpoint locations has been taken during summer and winter months and presented in agreed formats and in line with best practice guidance. Descriptions of the receptors associated with each viewpoint and the nature of the baseline view has been provided.

3.1.1.3 The visual baseline of the area includes areas of undulating rural landscape interspersed with a range of settlements and built form. From some viewpoint locations, the presence of energy infrastructure in the form of pylons, transmission lines, and wind turbines is prominent. Due to the nature of the undulating landscape, views can be distant from elevated locations but enclosed and curtailed from others.

3.1.1.4 No further work on viewpoint photography is planned, subject to feedback from the PEIR, further EWG feedback, and on review of viewpoint locations against any amendments and refinements to the MHPGC Project.

4 References

RPS (2025). Morven Hawthorn Pit Grid Connection Project Environmental Impact Assessment Scoping Report. Available at: https://nsip-documents.planninginspectorate.gov.uk/published-documents/EN0210005-000004-Morven%20Hawthorn%20Pit%20Grid%20Connection%20Project%20Scoping%20Report.pdf (Accessed: July 2025).

Morven Offshore Wind Limited (2025). MVCNS-J4901-RAM-20003. Technical Note: Morven Hawthorn Pit Grid Connection Project Landscape and Visual Viewpoint Photography Scope. September 2025.

A.1 Viewpoint photography

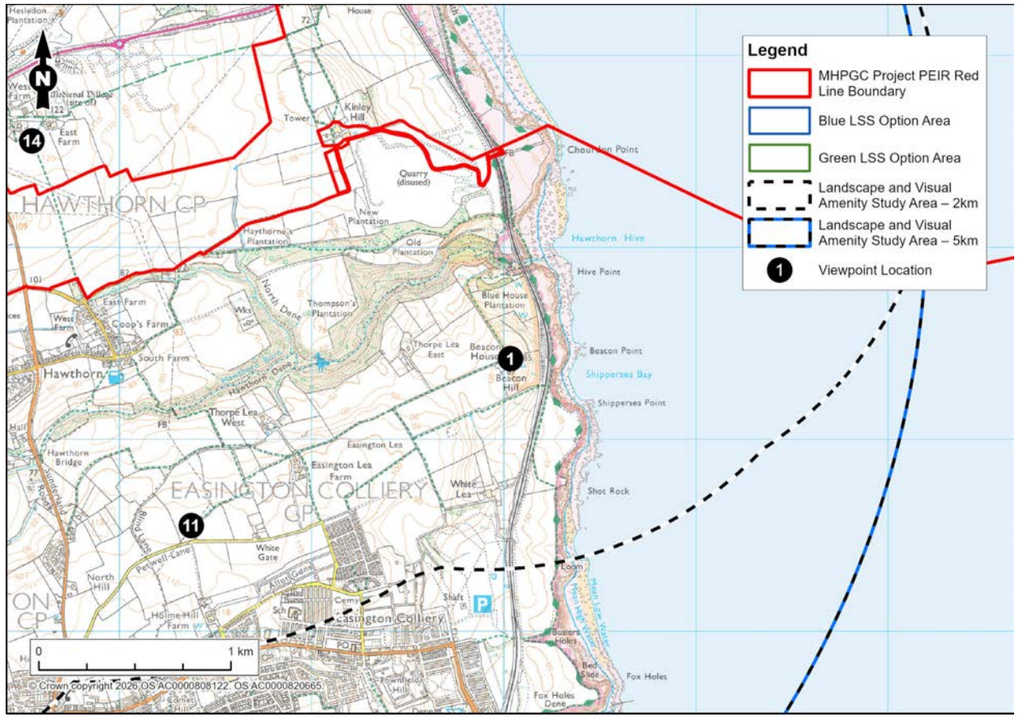
Photograph 1: 360º panorama photograph summer



Photograph 1: 360º panorama photograph winter



Viewpoint location:



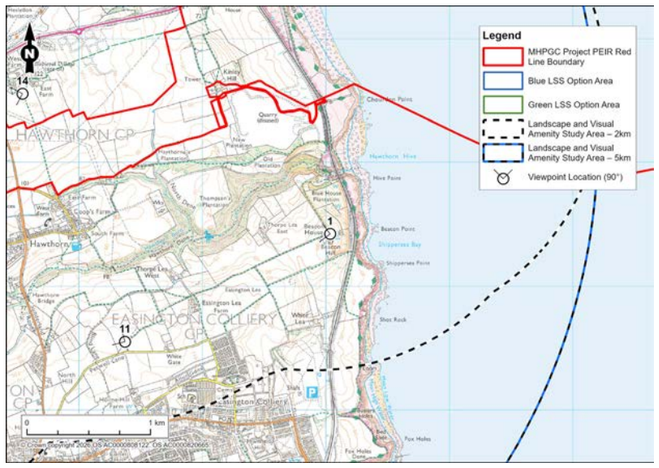
Viewpoint details:

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Lens:	Nikkor AF 50mm f1.8D
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Ground level (mAOD):	86
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Winter date and time:	03/03/2026 11:57
Winter conditions:	Clear sky, clear visibility
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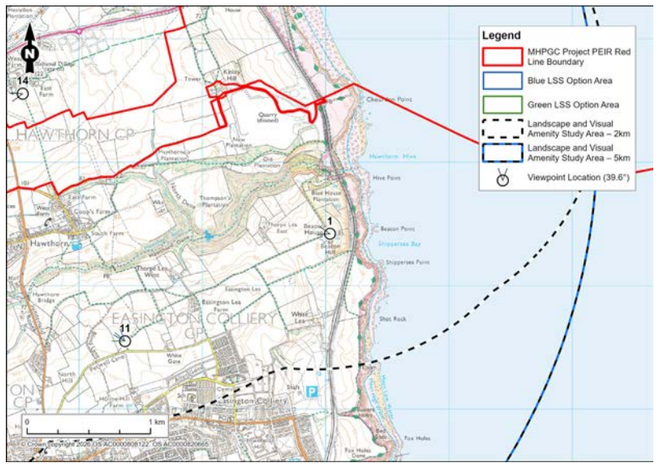
Project Name:	Drawing Title:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 1: 360º PANORAMA PHOTOGRAPH SUMMER AND WINTER	Morven Offshore Wind Farm · RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



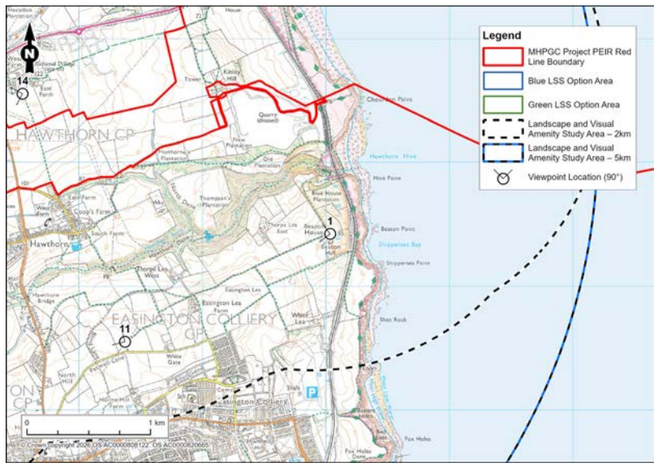
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 1: 90º PANORAMA PHOTOGRAPH SUMMER NORTHWEST		Morven Offshore Wind Farm · RAMBOLL



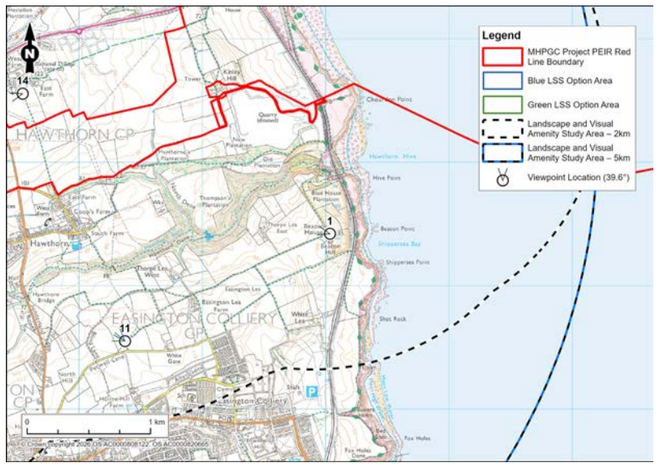
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 1: 39.6° SINGLE-SHOT PHOTOGRAPH SUMMER NORTHWEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



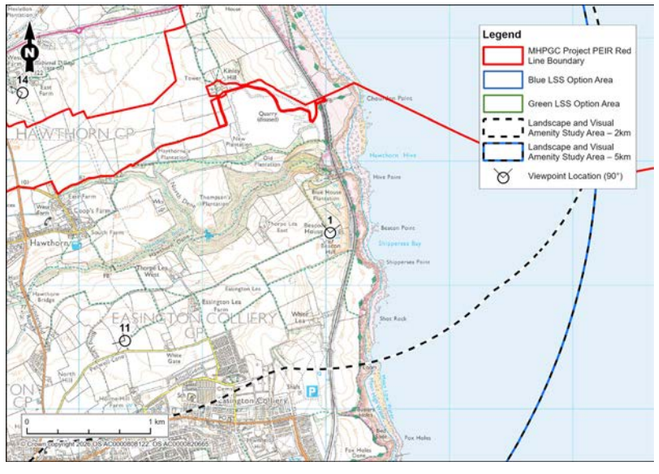
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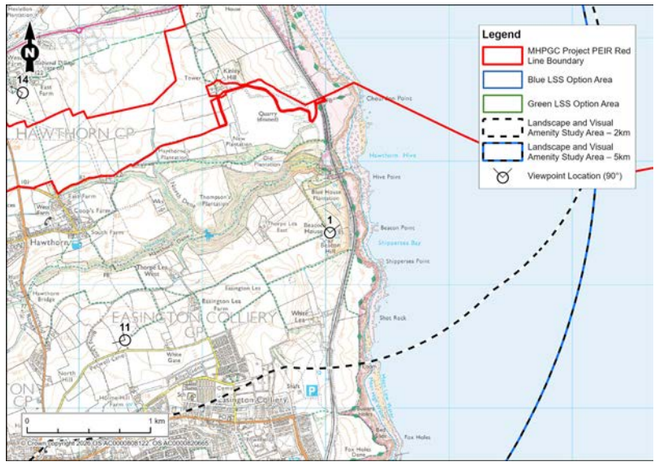
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MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 1: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER NORTHWEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Offshore Landfall):



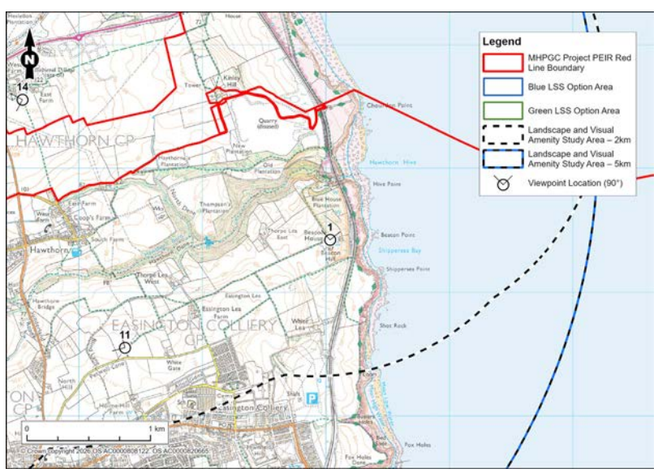
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 1: 90º PANORAMA PHOTOGRAPH SUMMER NORTH		Morven Offshore Wind Farm · RAMBØLL



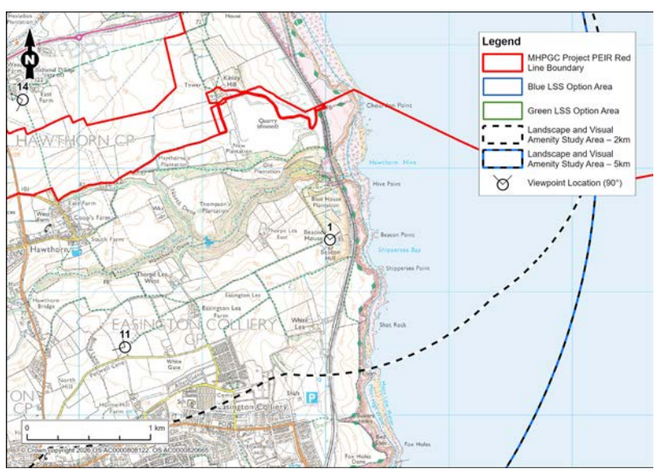
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MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 1: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER NORTH	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBØLL



90º panorama location/direction:



39.6º single-shot location/direction (Offshore Landfall):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 1: 90º PANORAMA PHOTOGRAPH WINTER NORTH		Morven Offshore Wind Farm · RAMBOLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 1: 39.6° SINGLE-SHOT PHOTOGRAPH WINTER NORTH	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL

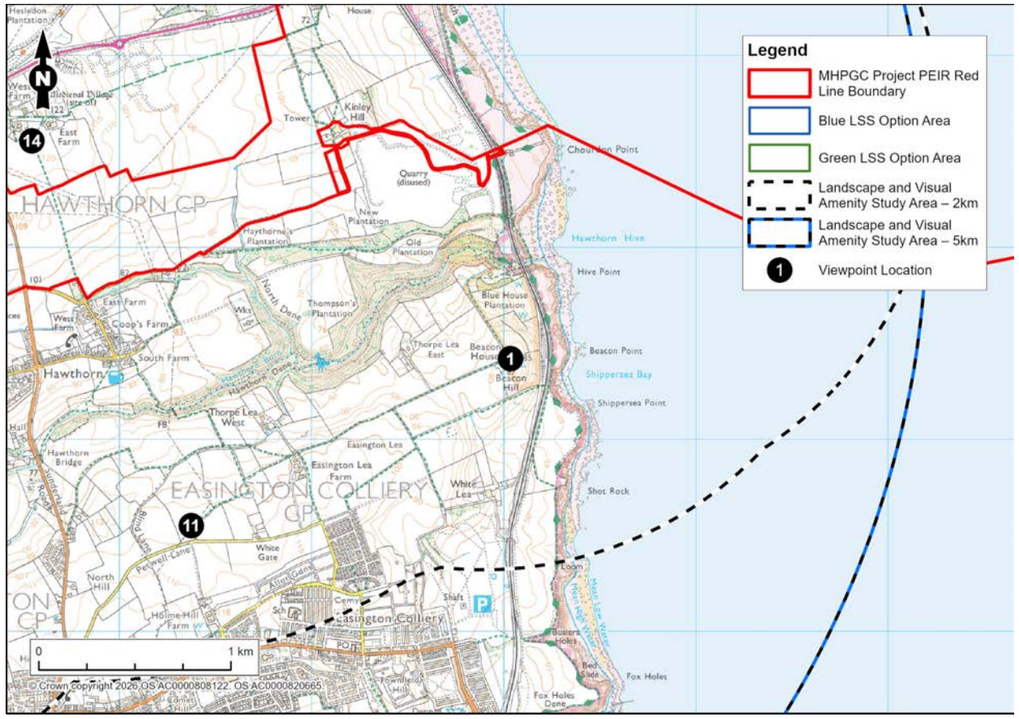
Photograph 2: 360º panorama photograph summer



Photograph 2: 360º panorama photograph winter



Viewpoint location:



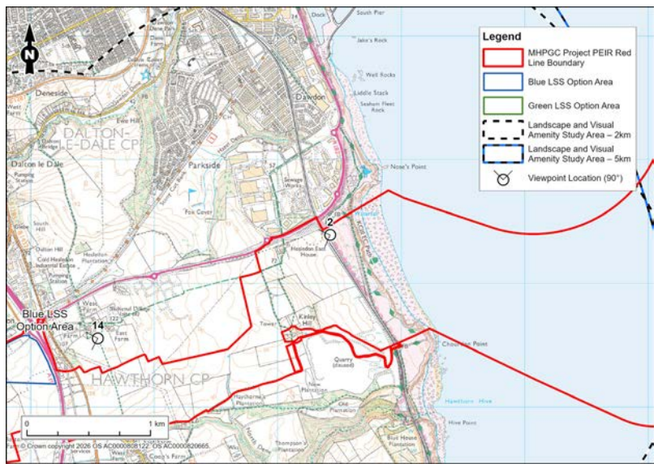
Viewpoint details:

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Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	443429
Northing:	547387
Ground level (mAOD):	50
Summer date and time:	08/10/2025 13:06
Summer conditions:	Light cloud, clear visibility
Winter date and time:	03/03/2026 10:15
Winter conditions:	Clear sky, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	0m

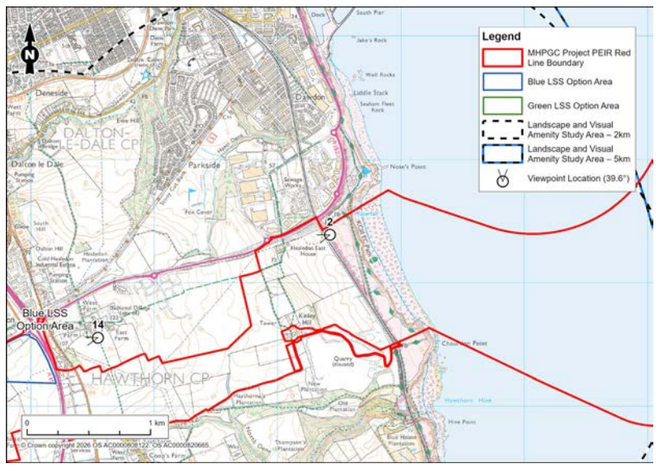
Project Name:	Drawing Title:			
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 2: 360º PANORAMA PHOTOGRAPH SUMMER AND WINTER	DATE/TIME SUMMER: 09/10/2025 12:00 DATE/TIME WINTER: COORDINATES:	ELEVATION: CAMERA: NIKON D5 LENS: NIKKOR AF 50MM F1.8D	CAMERA HEIGHT: 1.7M AGL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Area):



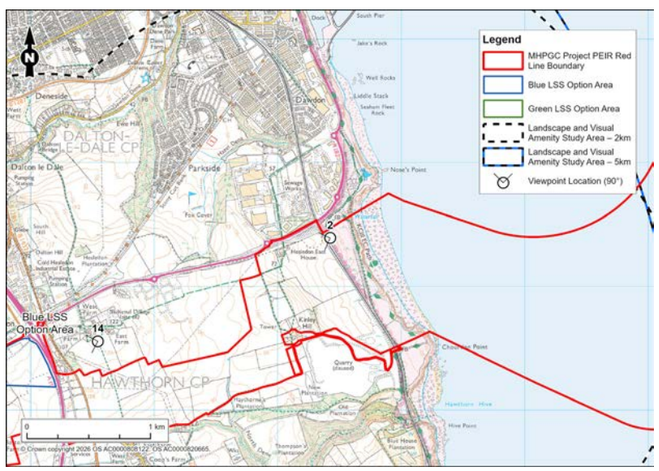
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 2: 90º PANORAMA PHOTOGRAPH SUMMER SOUTHWEST		Morven Offshore Wind Farm · RAMBOLL



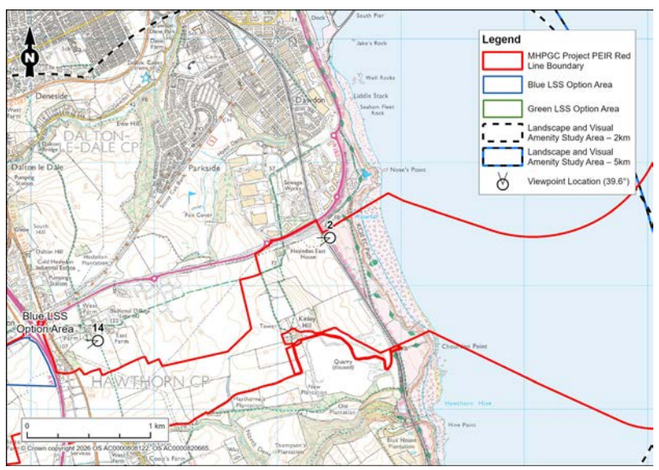
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 2: 39.6° SINGLE-SHOT PHOTOGRAPH SUMMER SOUTHWEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Area):



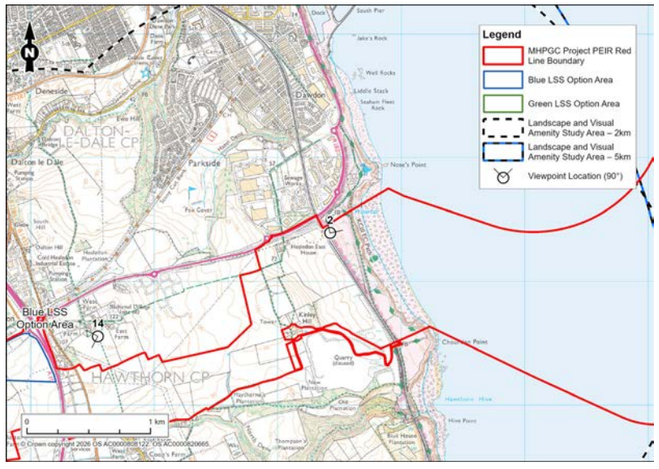
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MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 2: 90º PANORAMA PHOTOGRAPH WINTER SOUTHWEST		Morven Offshore Wind Farm · RAMBØLL



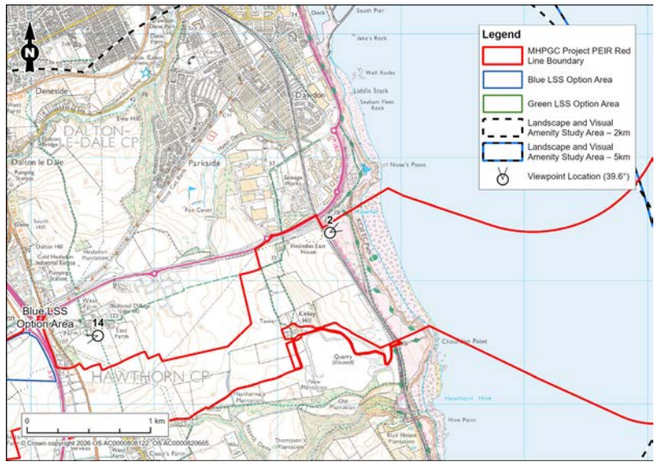
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 2: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER SOUTHWEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Offshore Landfall):



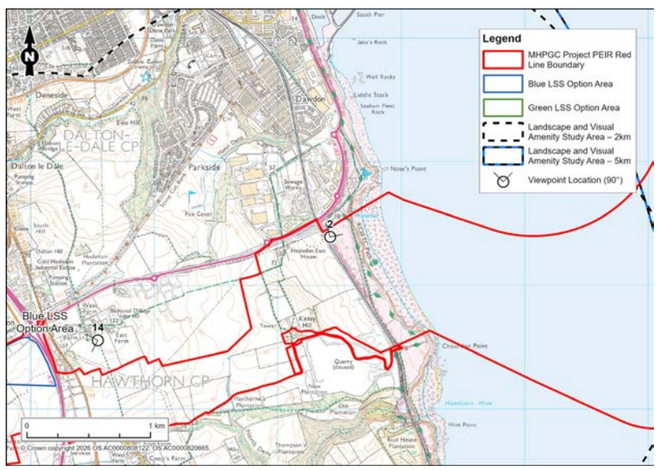
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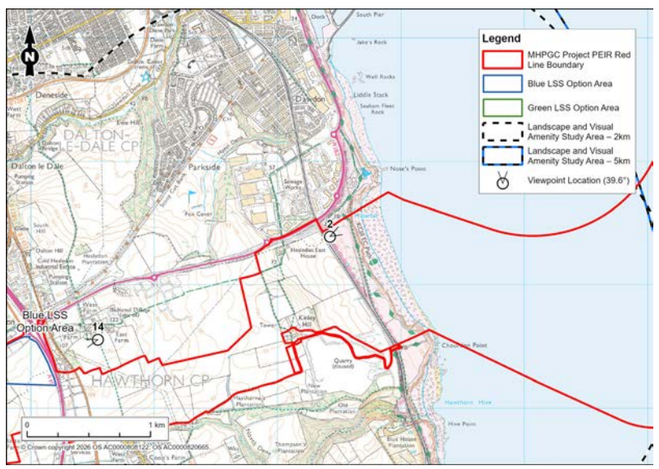
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 2: 39.6° SINGLE-SHOT PHOTOGRAPH SUMMER NORTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm · RAMBØLL



90º panorama location/direction:



39.6º single-shot location/direction (Offshore Landfall):



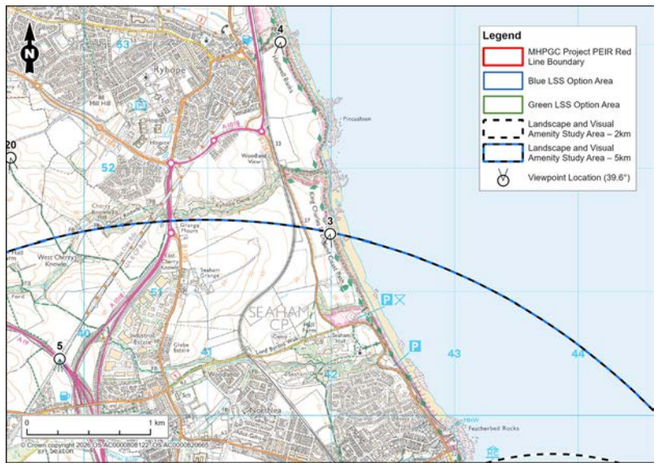
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 2: 90º PANORAMA PHOTOGRAPH WINTER NORTH		Morven Offshore Wind Farm · RAMBØLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 2: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER NORTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



39.6° single-shot location/direction (Green and Blue LSS Option Areas):



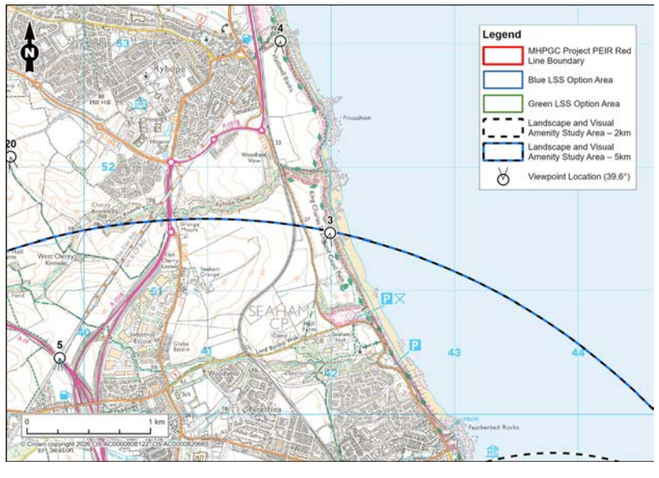
Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	441974
Northing:	551536
Ground level (mAOD):	31
Summer date and time:	08/10/2025 10:09
Summer conditions:	Light cloud, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	4,150m

Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 3: 39.6° SINGLE-SHOT PHOTOGRAPH SUMMER SOUTHWEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm · RAMBØLL



39.6° single-shot location/direction (Green and Blue LSS Option Areas):



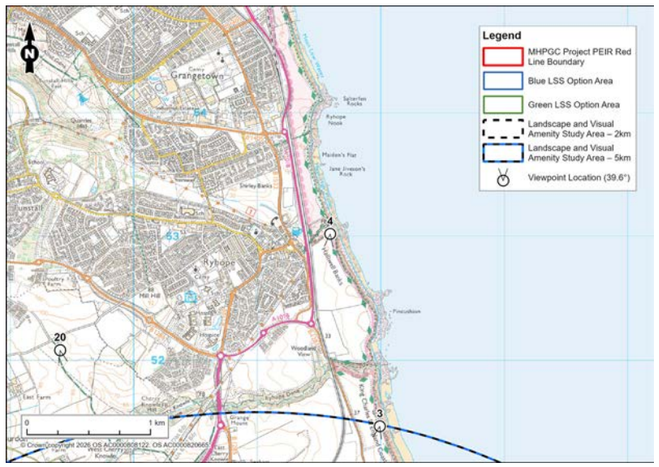
Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	441974
Northing:	551536
Ground level (mAOD):	31
Winter date and time:	03/03/2026 09:33
Winter conditions:	Clear sky, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	4,150m

Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 3: 39.6° SINGLE-SHOT PHOTOGRAPH WINTER SOUTHWEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm · RAMBOLL



39.6° single-shot location/direction (Green and Blue LSS Option Areas):



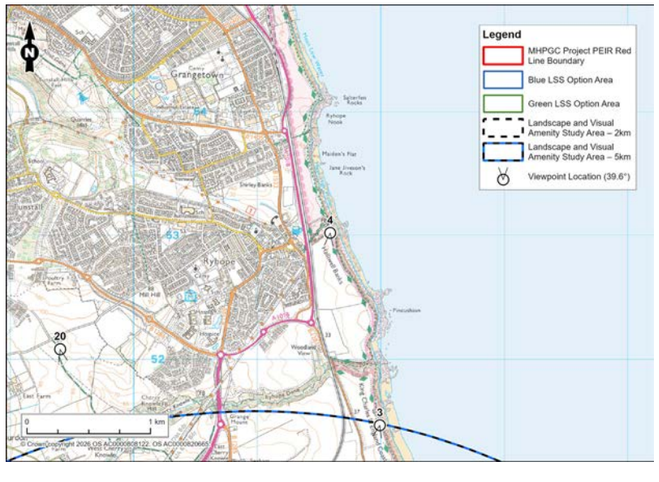
Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	441599
Northing:	553021
Ground level (mAOD):	29
Summer date and time:	08/10/2025 09:33
Summer conditions:	Light cloud, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	5,750m

Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 4: 39.6° SINGLE-SHOT PHOTOGRAPH SUMMER SOUTHWEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm · RAMBOLL



39.6° single-shot location/direction (Green and Blue LSS Option Areas):



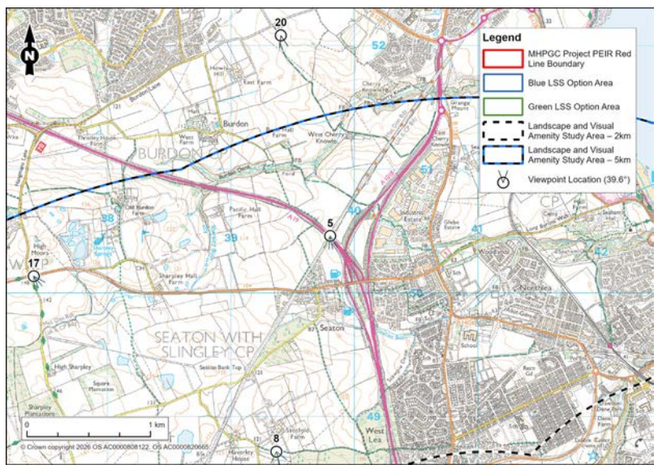
Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	441599
Northing:	553021
Ground level (mAOD):	29
Winter date and time:	03/03/2026 09:11
Winter conditions:	Light cloud, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	5,750m

Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 4: 39.6° SINGLE-SHOT PHOTOGRAPH WINTER SOUTHWEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm · RAMBØLL



39.6° single-shot location/direction (Green and Blue LSS Option Areas):



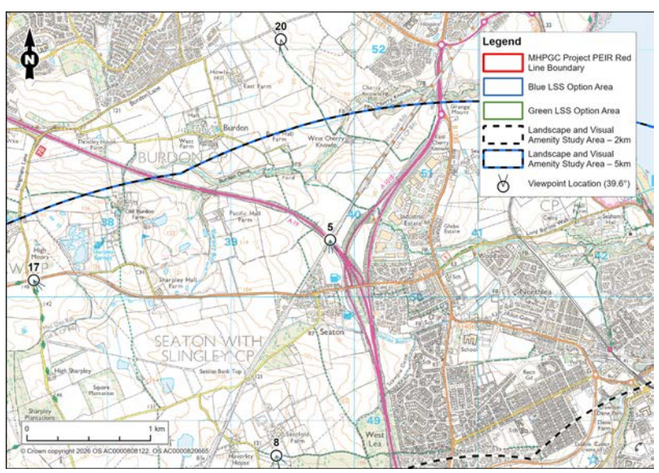
Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	439824
Northing:	550483
Ground level (mAOD):	88
Summer date and time:	08/10/2025 09:17
Summer conditions:	Light cloud, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	3,950m

Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 5: 39.6° SINGLE-SHOT PHOTOGRAPH SUMMER SOUTH	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm · RAMBOLL



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	439824
Northing:	550483
Ground level (mAOD):	88
Winter date and time:	04/03/2026 09:13
Winter conditions:	Light cloud, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	3,950m

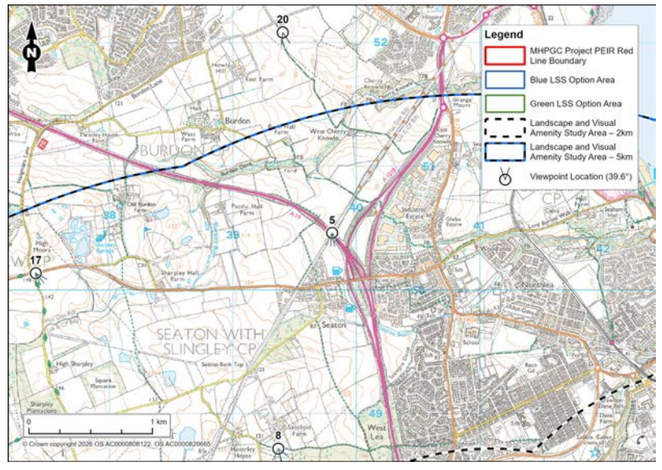
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 5: 39.6º SINGLE-SHOT PHOTOGRAPH WINTER SOUTH	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm · RAMBØLL



Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	439824
Northing:	550483
Ground level (mAOD):	88
Summer date and time:	08/10/2025 09:17
Summer conditions:	Light cloud, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	3,950m

39.6° single-shot location/direction (Green and Blue LSS Option Areas):



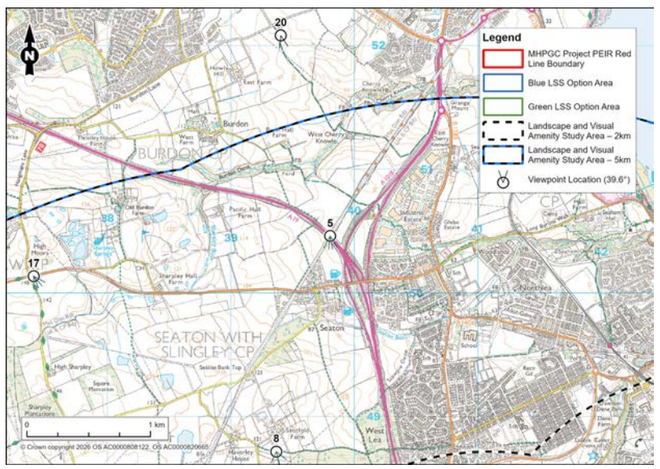
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 5: 39.6° SINGLE-SHOT PHOTOGRAPH SUMMER SOUTHWEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm · RAMBOLL



Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	439824
Northing:	550483
Ground level (mAOD):	88
Winter date and time:	04/03/2026 09:13
Winter conditions:	Light cloud, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	3,950m

39.6° single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:	Notes:
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 5: 39.6° SINGLE-SHOT PHOTOGRAPH WINTER SOUTHWEST	Viewing distance at A3: 542mm/comfortable arms length

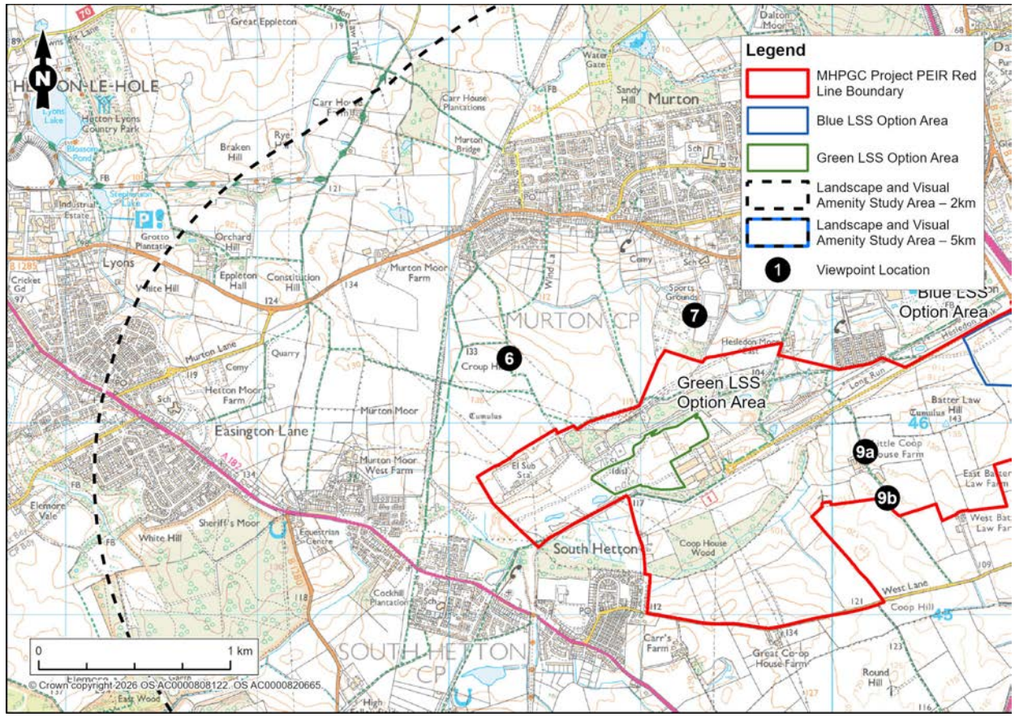
Photograph 6: 360º panorama photograph summer



Photograph 6: 360º panorama photograph winter



Viewpoint location:



Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	438316
Northing:	546334
Ground level (mAOD):	137
Summer date and time:	08/10/2025 14:31
Summer conditions:	Light cloud, clear visibility
Winter date and time:	04/03/2026 13:38
Winter conditions:	Light cloud, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	440m

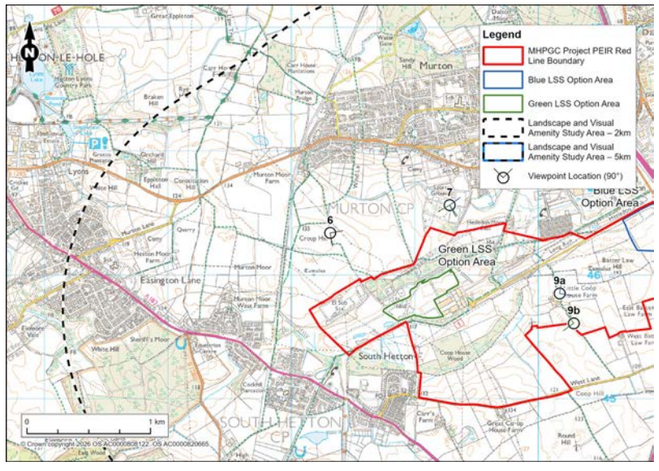
Project Name:
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT

Drawing Title:
VIEWPOINT 6: 360º PANORAMA PHOTOGRAPH SUMMER AND WINTER

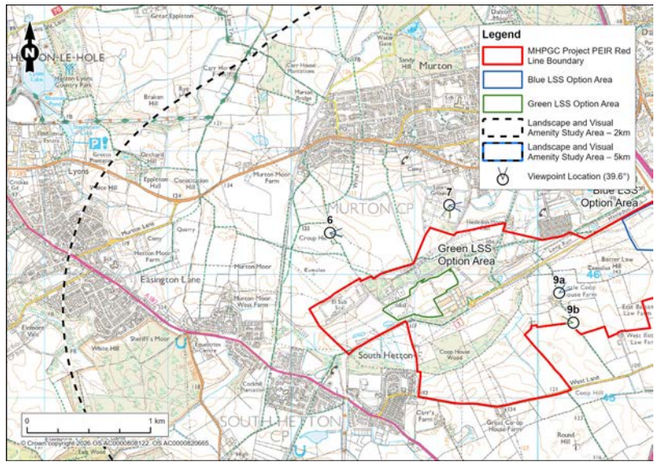
Morven Offshore Wind Farm
RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 6: 90º PANORAMA PHOTOGRAPH SUMMER SOUTHEAST		Morven Offshore Wind Farm · RAMBOLL



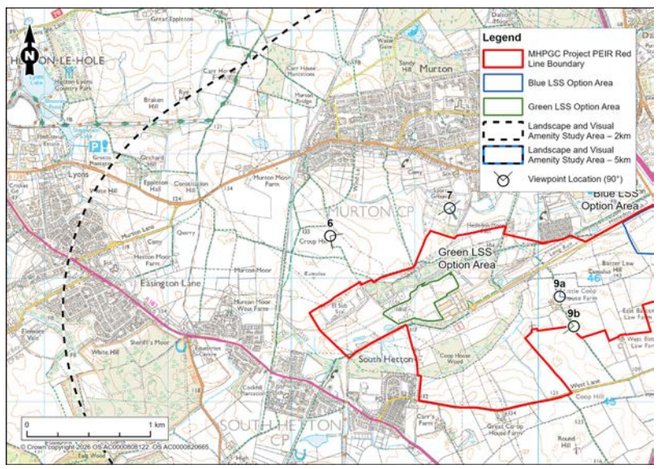
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 6: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER EAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



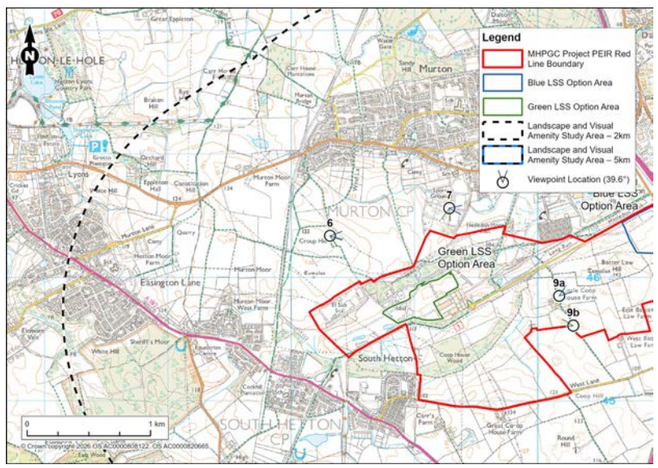
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 6: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER SOUTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 6: 90º PANORAMA PHOTOGRAPH WINTER SOUTHEAST		Morven Offshore Wind Farm · RAMBOLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 6: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER EAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 6: 39.6° SINGLE-SHOT PHOTOGRAPH WINTER SOUTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL

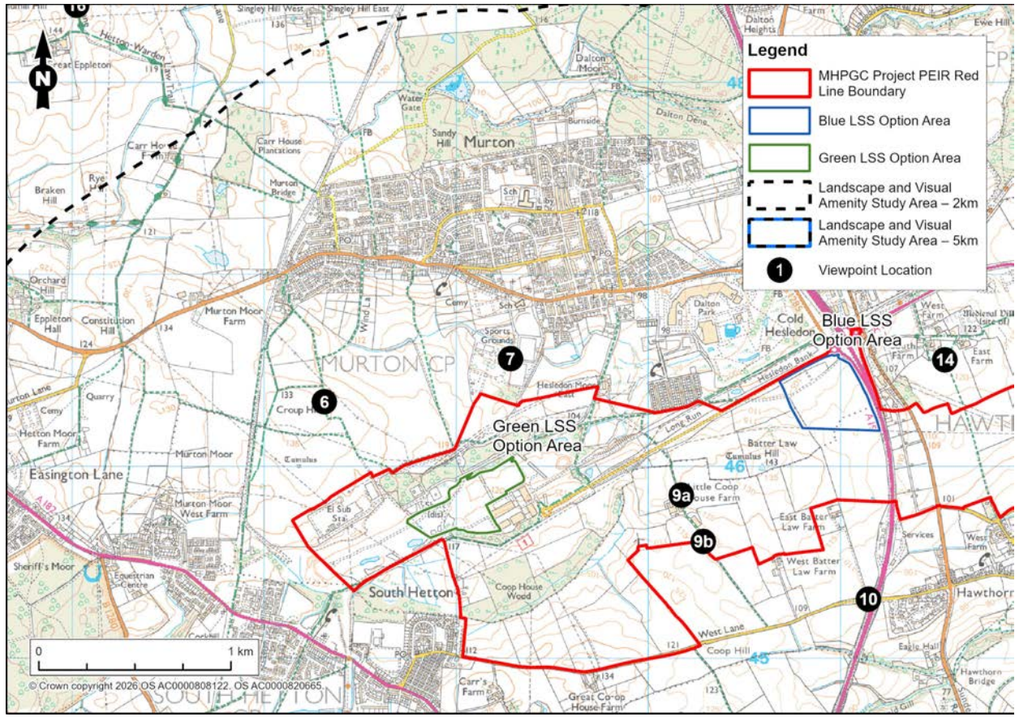
Photograph 7: 360º panorama photograph summer



Photograph 7: 360º panorama photograph winter



Viewpoint location:



Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	439278
Northing:	546563
Ground level (mAOD):	106
Summer date and time:	08/10/2025 17:08
Summer conditions:	Light cloud, clear visibility
Winter date and time:	04/03/2026 13:15
Winter conditions:	Light cloud, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	220m

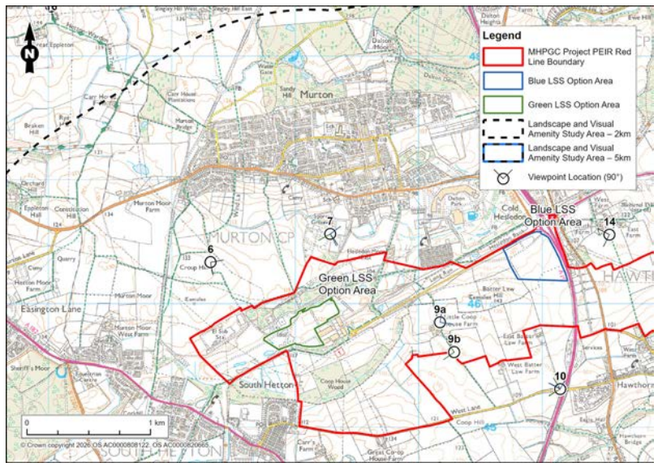
Project Name:
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT

Drawing Title:
VIEWPOINT 7: 360º PANORAMA PHOTOGRAPH SUMMER AND WINTER

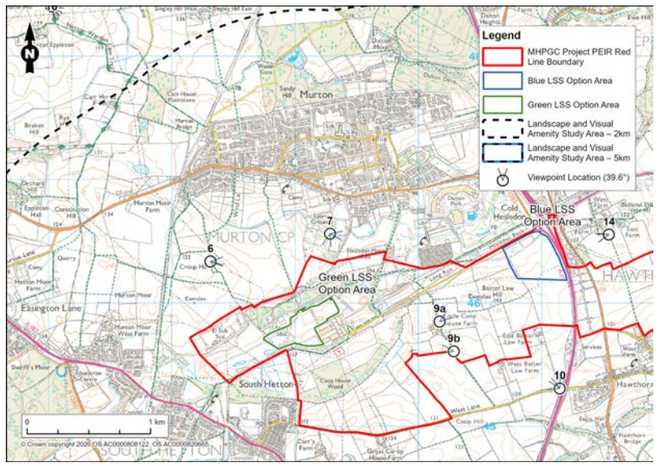
Morven Offshore Wind Farm
RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



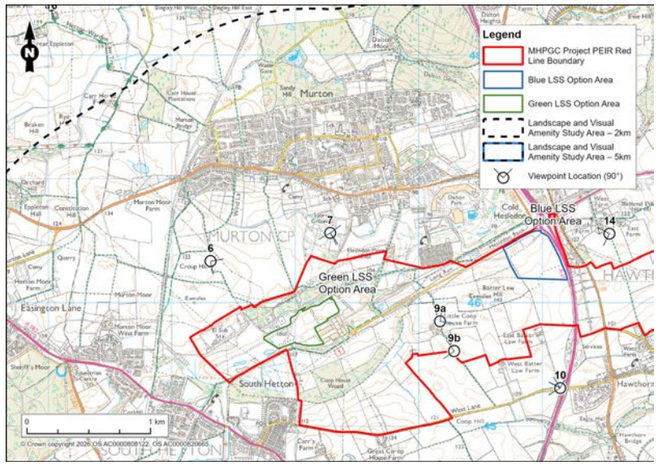
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 7: 90º PANORAMA PHOTOGRAPH SUMMER EAST		Morven Offshore Wind Farm · RAMBOLL



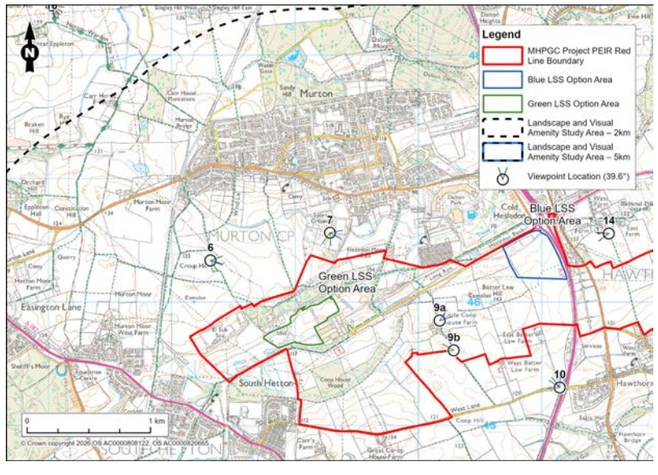
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 7: 39.6° SINGLE-SHOT PHOTOGRAPH SUMMER EAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



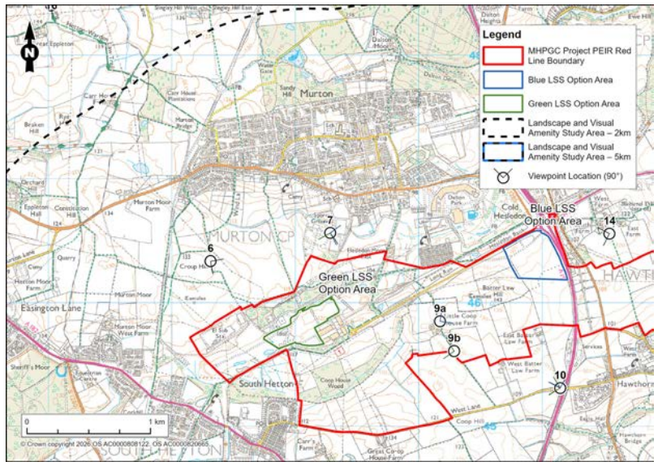
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 7: 90º PANORAMA PHOTOGRAPH SUMMER SOUTH		Morven Offshore Wind Farm · RAMBOLL



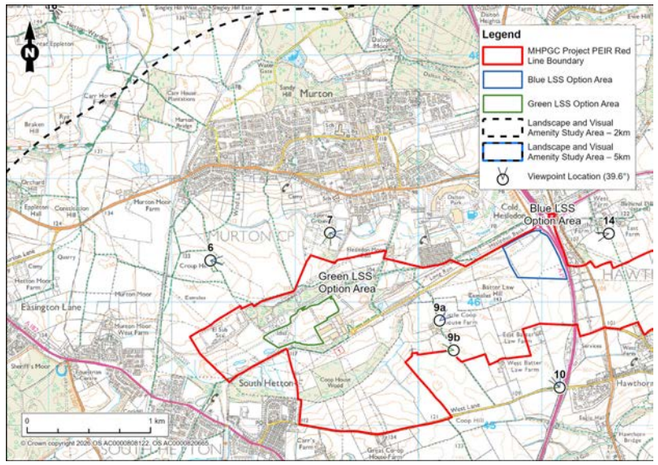
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 7: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER SOUTH	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



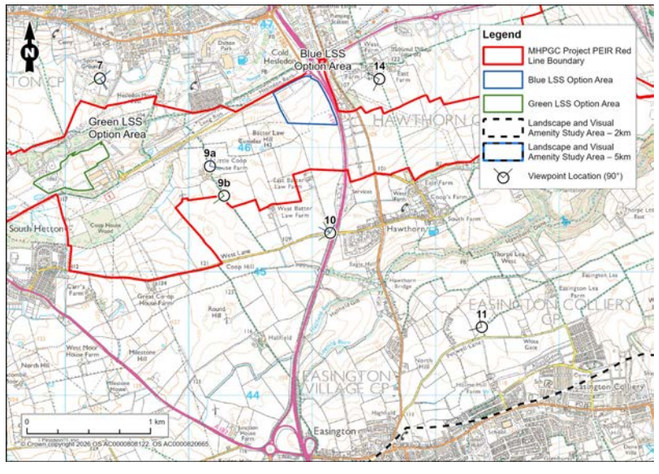
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 7: 90º PANORAMA PHOTOGRAPH WINTER EAST		Morven Offshore Wind Farm · RAMBOLL



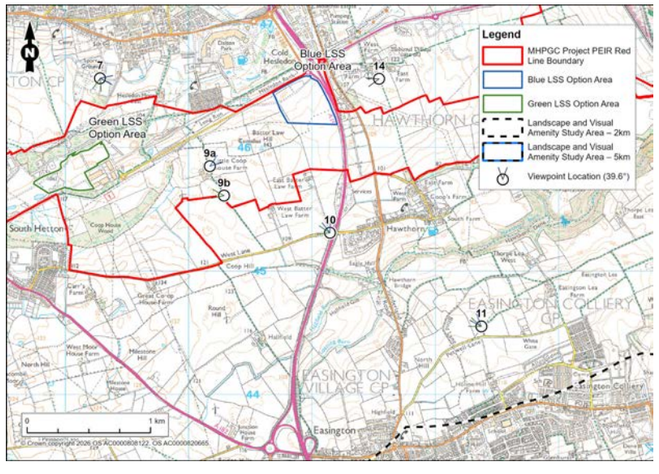
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 7: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER EAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



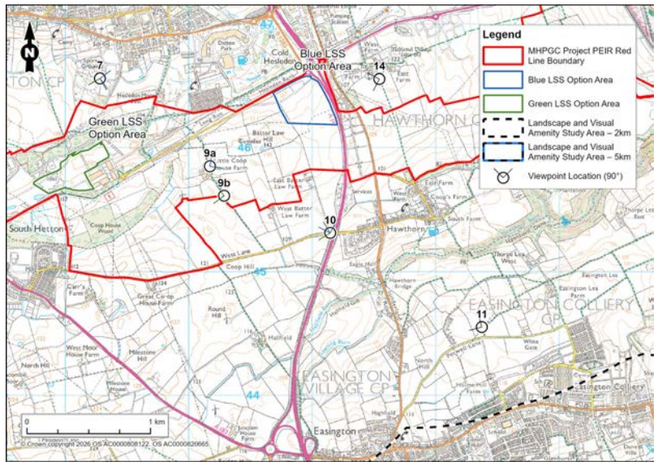
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 10: 90º PANORAMA PHOTOGRAPH SUMMER NORTH		Morven Offshore Wind Farm · RAMBOLL



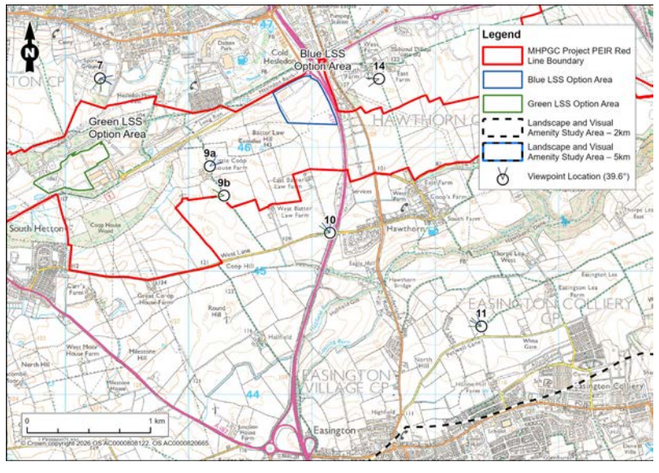
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 10: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER NORTH	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



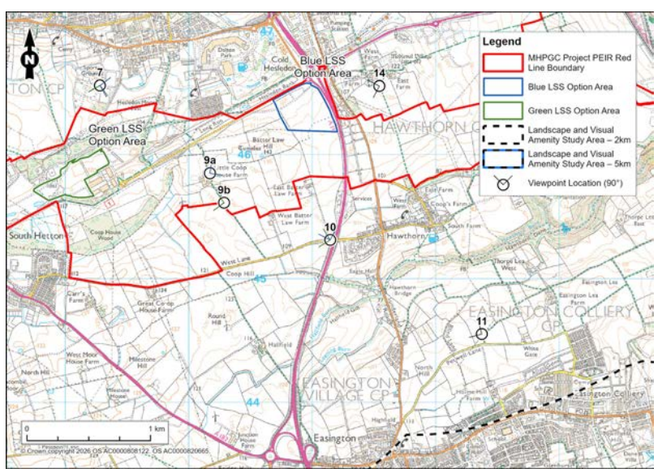
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 10: 90º PANORAMA PHOTOGRAPH WINTER NORTH		Morven Offshore Wind Farm · RAMBOLL



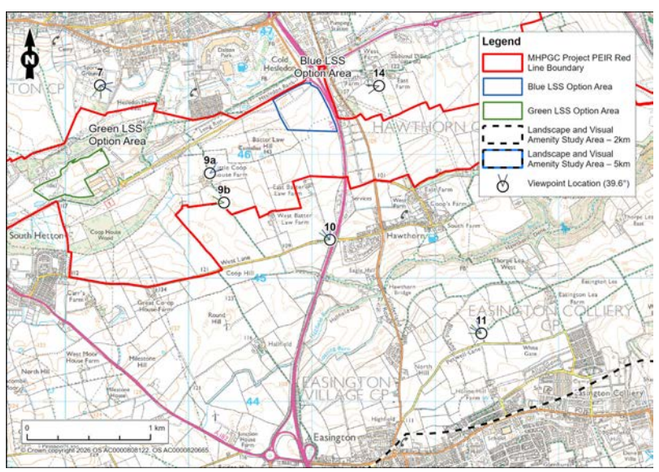
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 10: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER NORTH	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



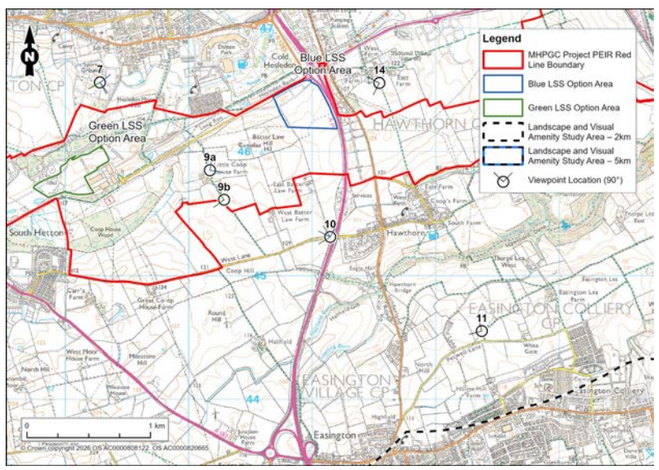
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 10: 90º PANORAMA PHOTOGRAPH SUMMER NORTHWEST		Morven Offshore Wind Farm · RAMBOLL



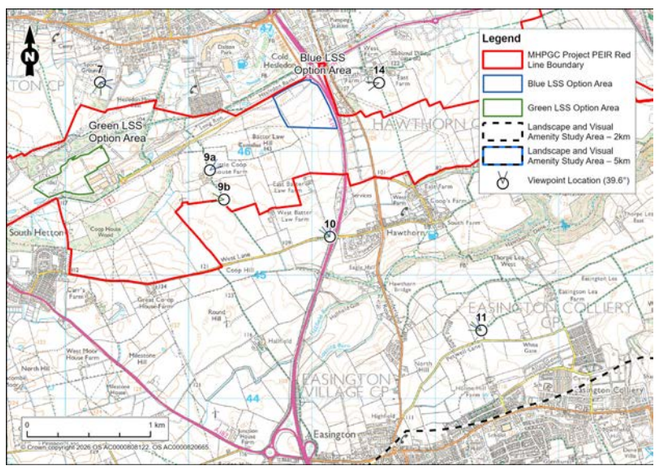
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 10: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER NORTHWEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBØLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):

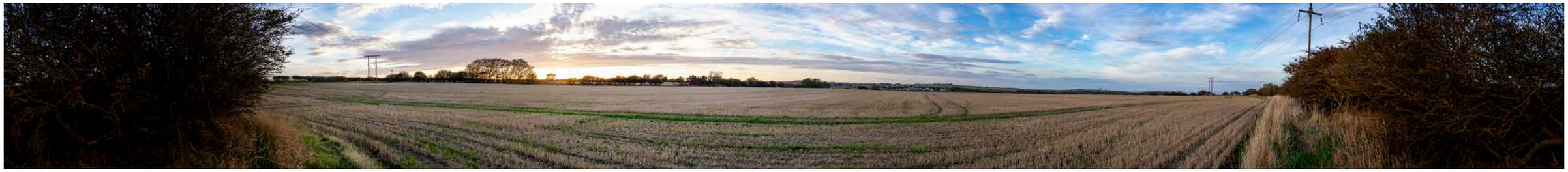


Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 10: 90º PANORAMA PHOTOGRAPH WINTER NORTHWEST		Morven Offshore Wind Farm · RAMBOLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 10: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER NORTHWEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL

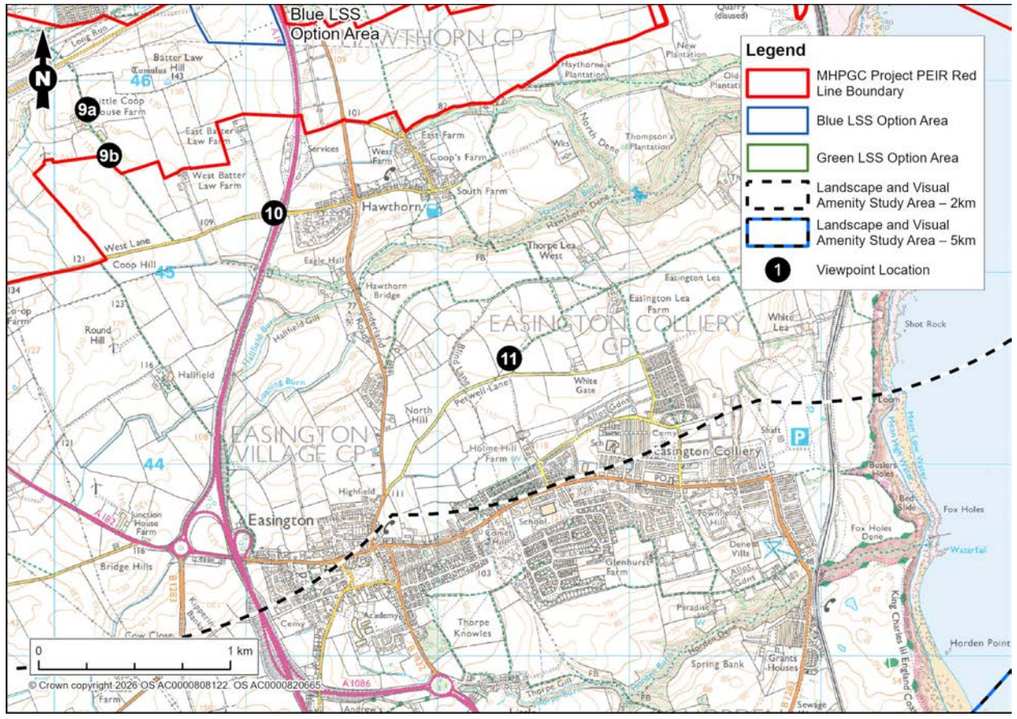
Photograph 11: 360º panorama photograph summer



Photograph 11: 360º panorama photograph winter



Viewpoint location:



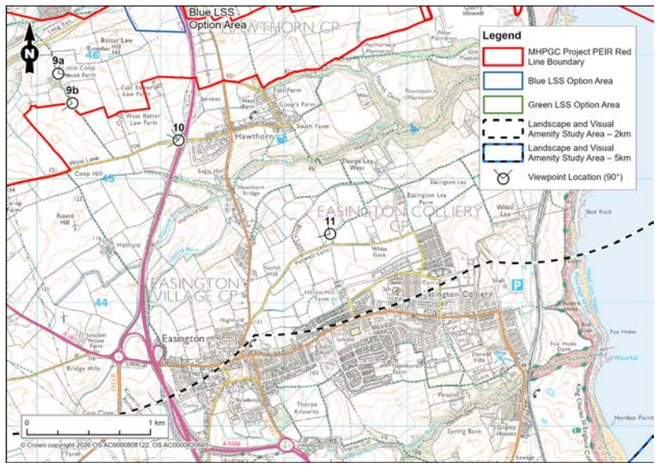
Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	442379
Northing:	544551
Ground level (mAOD):	106
Summer date and time:	08/10/2025 17:51
Summer conditions:	Light cloud, clear visibility
Winter date and time:	03/03/2026 13:05
Winter conditions:	Clear sky, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	1,300m

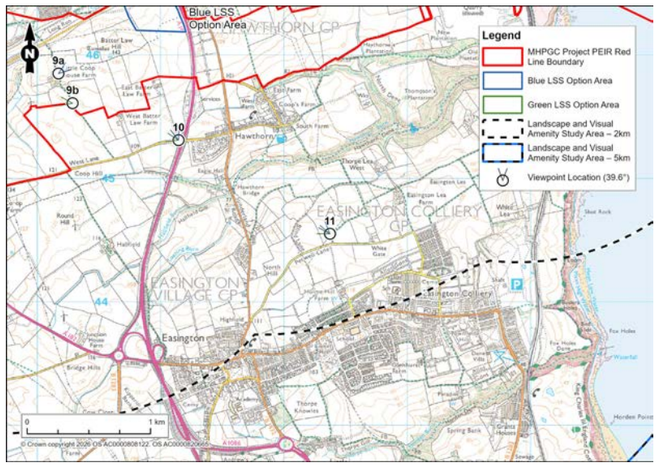
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 11: 360º PANORAMA PHOTOGRAPH SUMMER AND WINTER		Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 11: 90º PANORAMA PHOTOGRAPH SUMMER NORTHWEST		Morven Offshore Wind Farm · RAMBOLL



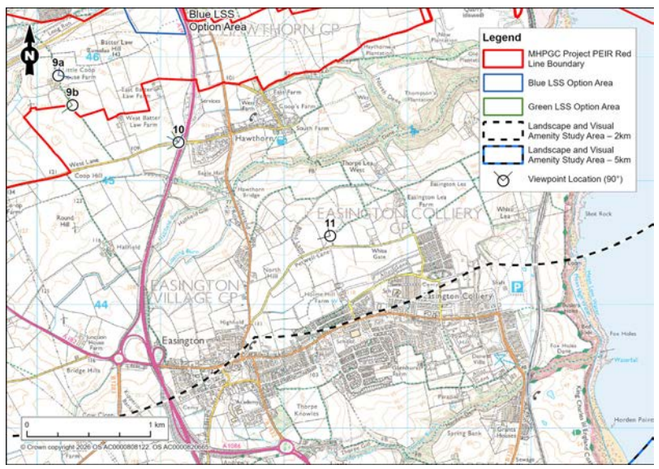
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 11: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER NORTHWEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



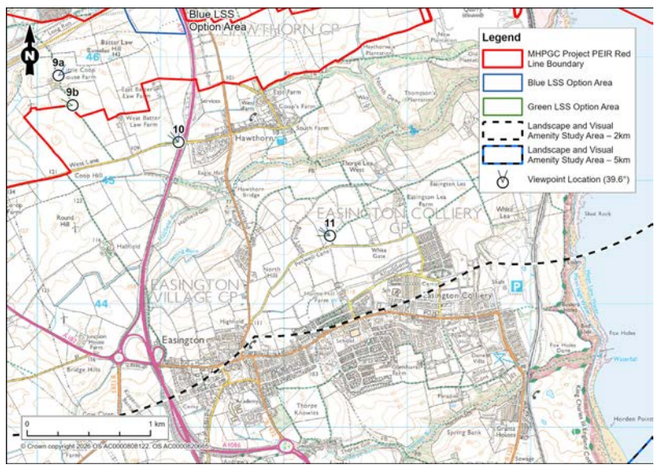
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 11: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER NORTHWEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 11: 90º PANORAMA PHOTOGRAPH WINTER NORTHWEST		Morven Offshore Wind Farm · RAMBOLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 11: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER NORTHWEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 11: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER NORTHWEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL

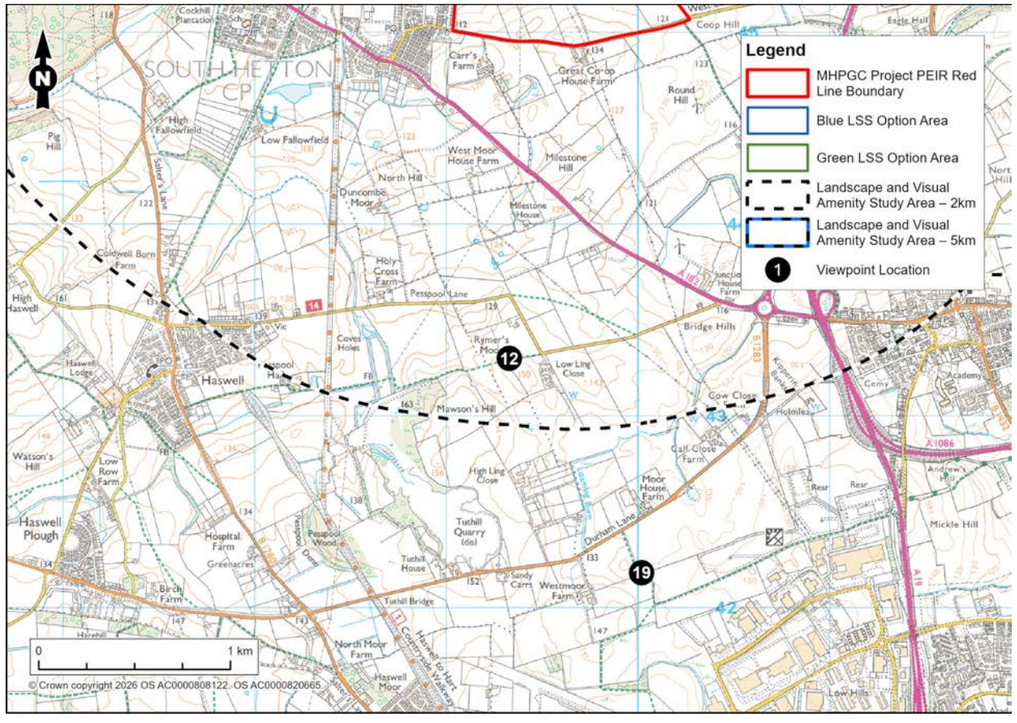
Photograph 12: 360º panorama photograph summer



Photograph 12: 360º panorama photograph winter



Viewpoint location:



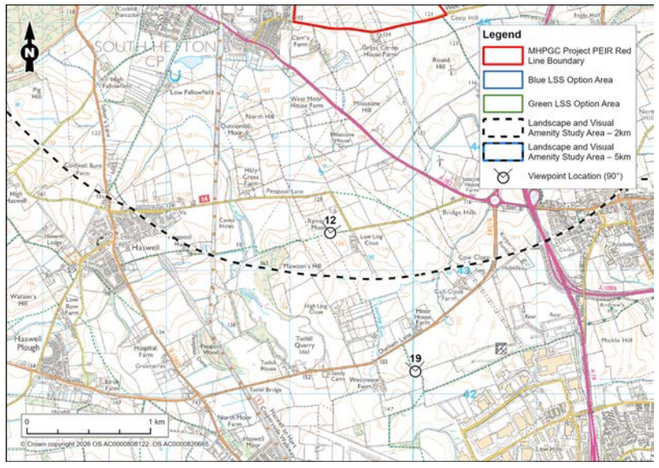
Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	439330
Northing:	543299
Ground level (mAOD):	145
Summer date and time:	07/10/2025 13:05
Summer conditions:	Cloudy, clear visibility
Winter date and time:	02/03/2026 14:53
Winter conditions:	Cloudy, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	1,650m

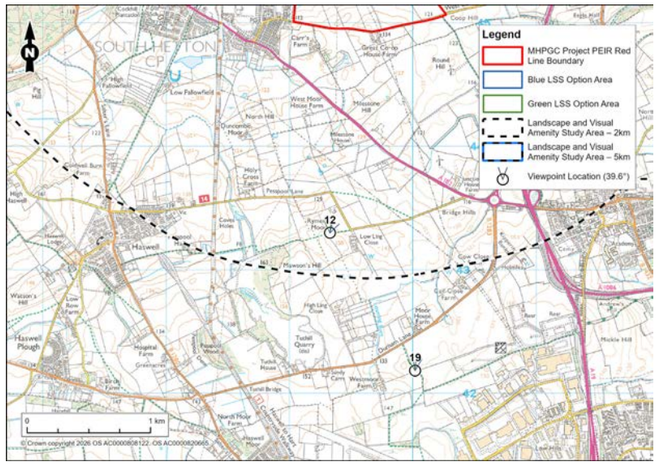
Project Name:	Drawing Title:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 12: 360º PANORAMA PHOTOGRAPH SUMMER AND WINTER	Morven Offshore Wind Farm · RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 12: 90º PANORAMA PHOTOGRAPH SUMMER NORTH		Morven Offshore Wind Farm · RAMBOLL



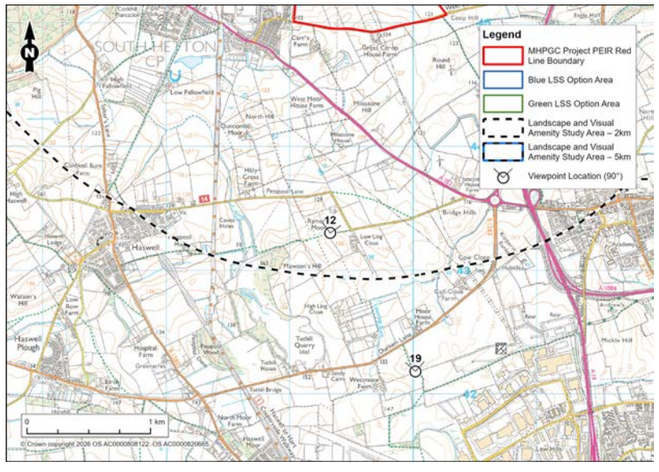
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 12: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER NORTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



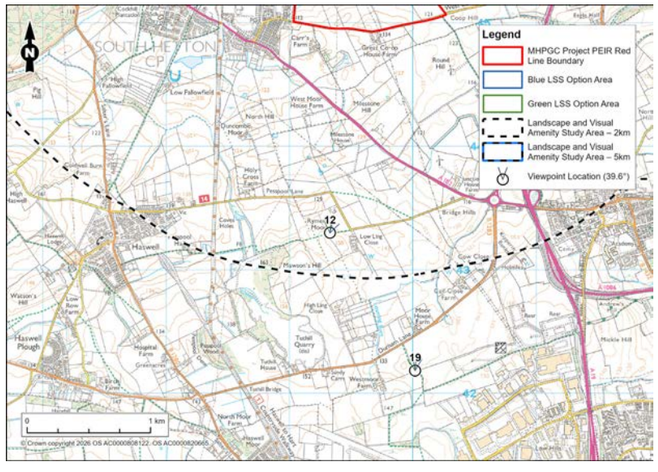
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 12: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER NORTH	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 12: 90º PANORAMA PHOTOGRAPH WINTER NORTH		Morven Offshore Wind Farm · RAMBOLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 12: 39.6° SINGLE-SHOT PHOTOGRAPH WINTER NORTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 12: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER NORTH	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL

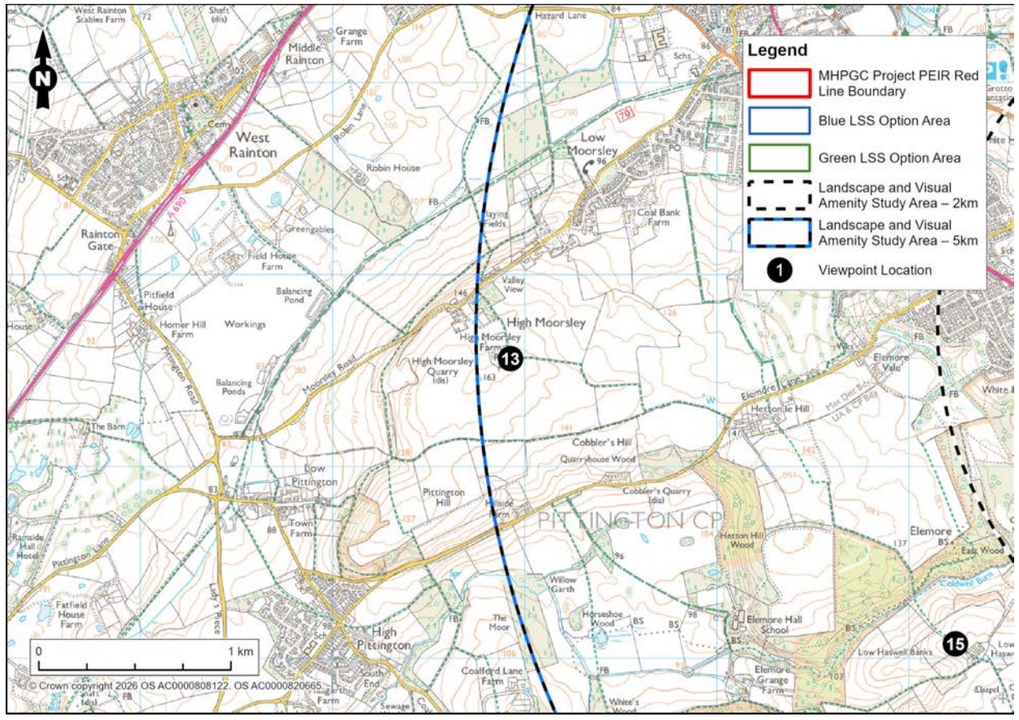
Photograph 13: 360º panorama photograph summer



Photograph 13: 360º panorama photograph winter



Viewpoint location:



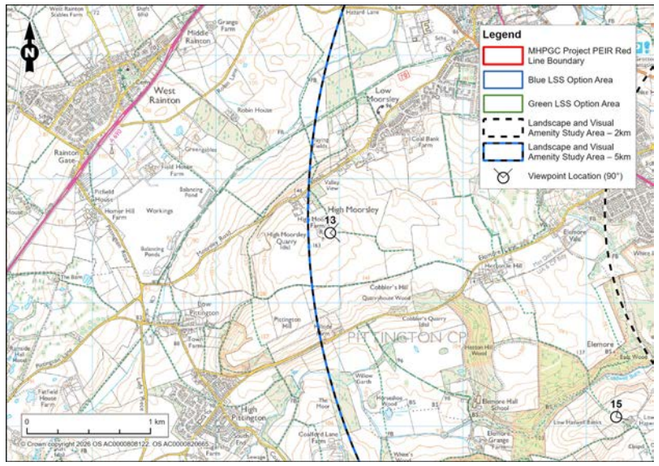
Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	433882
Northing:	545772
Ground level (mAOD):	155
Summer date and time:	07/10/2025 16:29
Summer conditions:	Cloudy, clear visibility
Winter date and time:	04/03/2026 15:00
Winter conditions:	Clear sky, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	4,230m

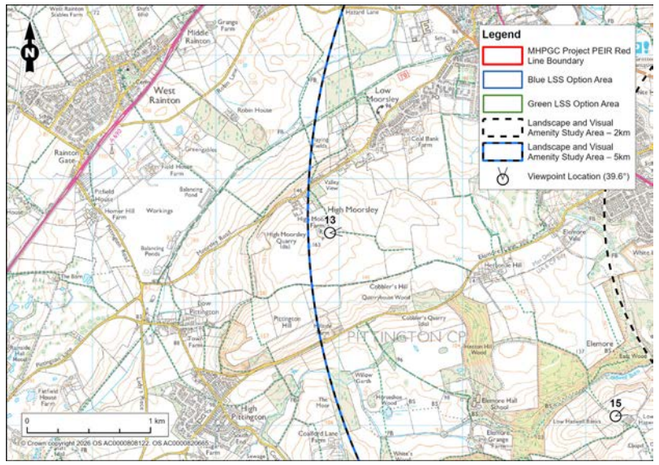
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 13: 360º PANORAMA PHOTOGRAPH SUMMER AND WINTER		Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



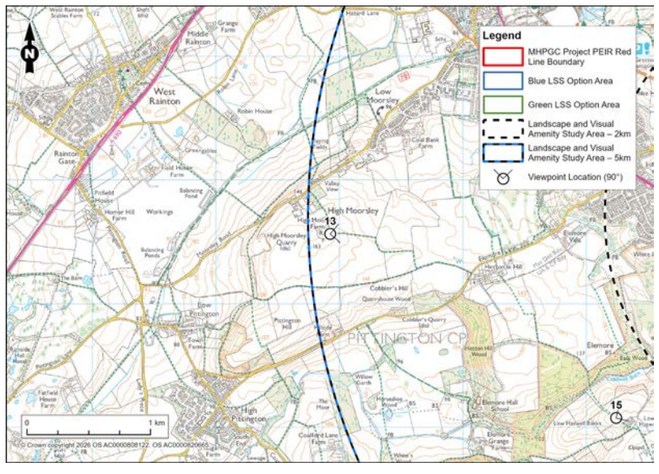
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 13: 90º PANORAMA PHOTOGRAPH SUMMER EAST		Morven Offshore Wind Farm · RAMBOLL



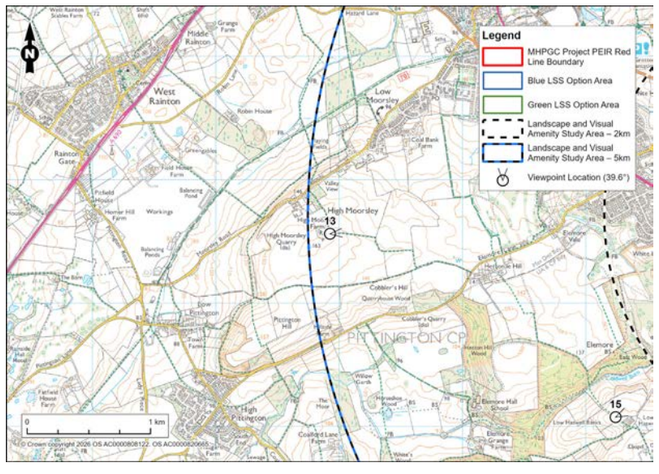
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 13: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER EAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 13: 90º PANORAMA PHOTOGRAPH WINTER EAST		Morven Offshore Wind Farm · RAMBOLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 13: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER EAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL

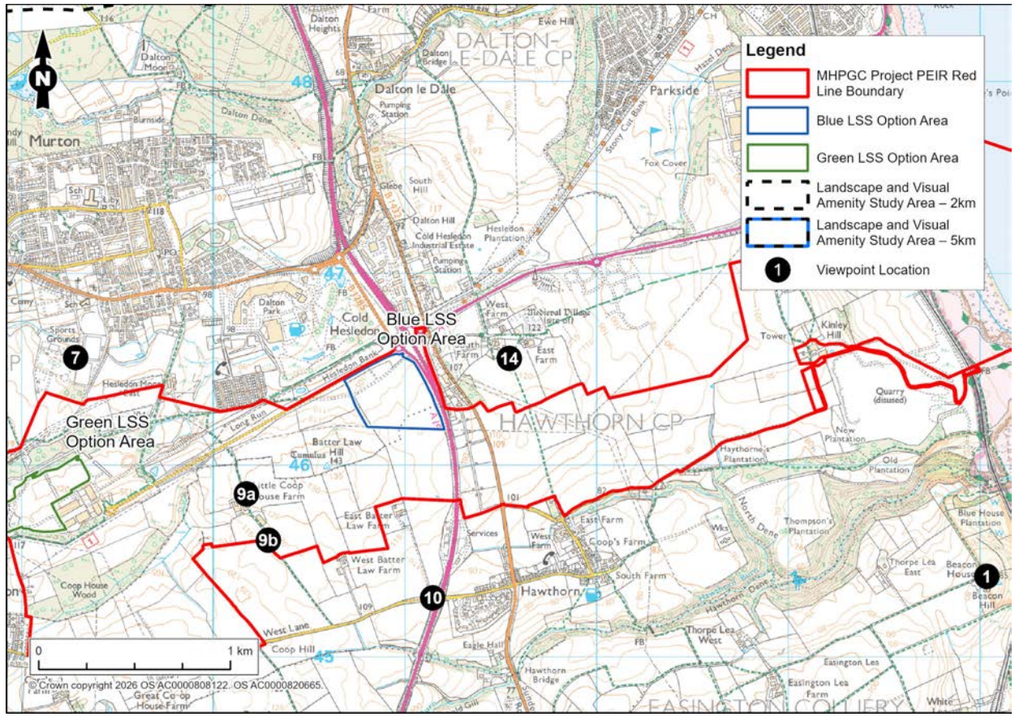
Photograph 14: 360º panorama photograph summer



Photograph 14: 360º panorama photograph winter



Viewpoint location:



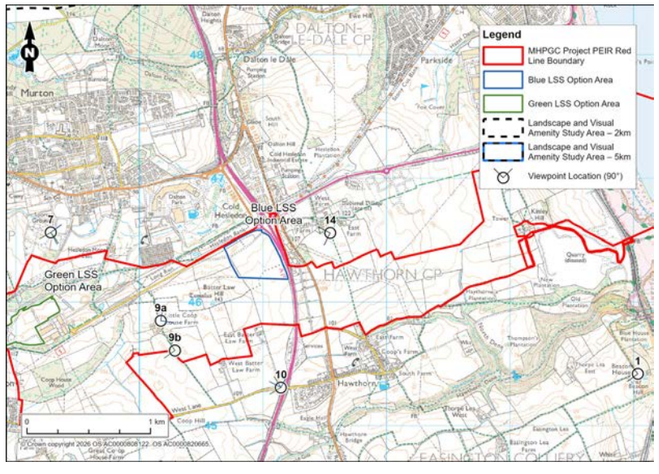
Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	441540
Northing:	546566
Ground level (mAOD):	125
Summer date and time:	08/10/2025 11:59
Summer conditions:	Cloudy, clear visibility
Winter date and time:	04/03/2026 10:21
Winter conditions:	Light cloud, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	230m

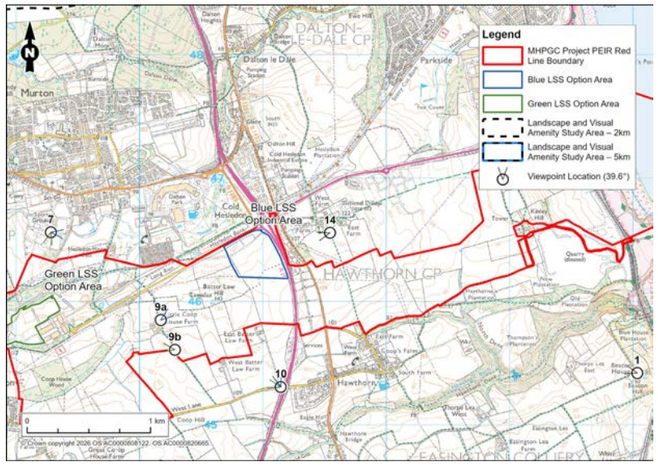
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 14: 360º PANORAMA PHOTOGRAPH SUMMER AND WINTER		Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



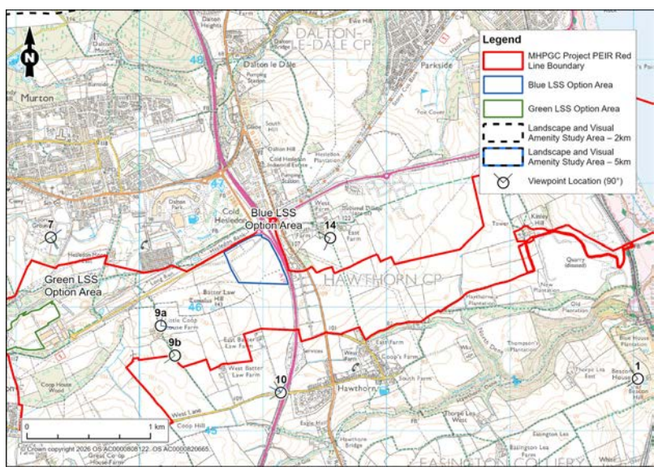
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 14: 90º PANORAMA PHOTOGRAPH SUMMER WEST		Morven Offshore Wind Farm · RAMBØLL



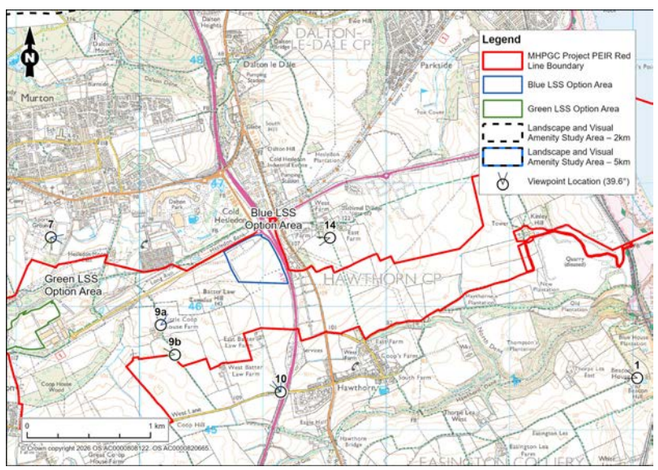
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 14: 39.6° SINGLE-SHOT PHOTOGRAPH SUMMER WEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 14: 90º PANORAMA PHOTOGRAPH WINTER WEST		Morven Offshore Wind Farm · RAMBOLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 14: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER WEST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL

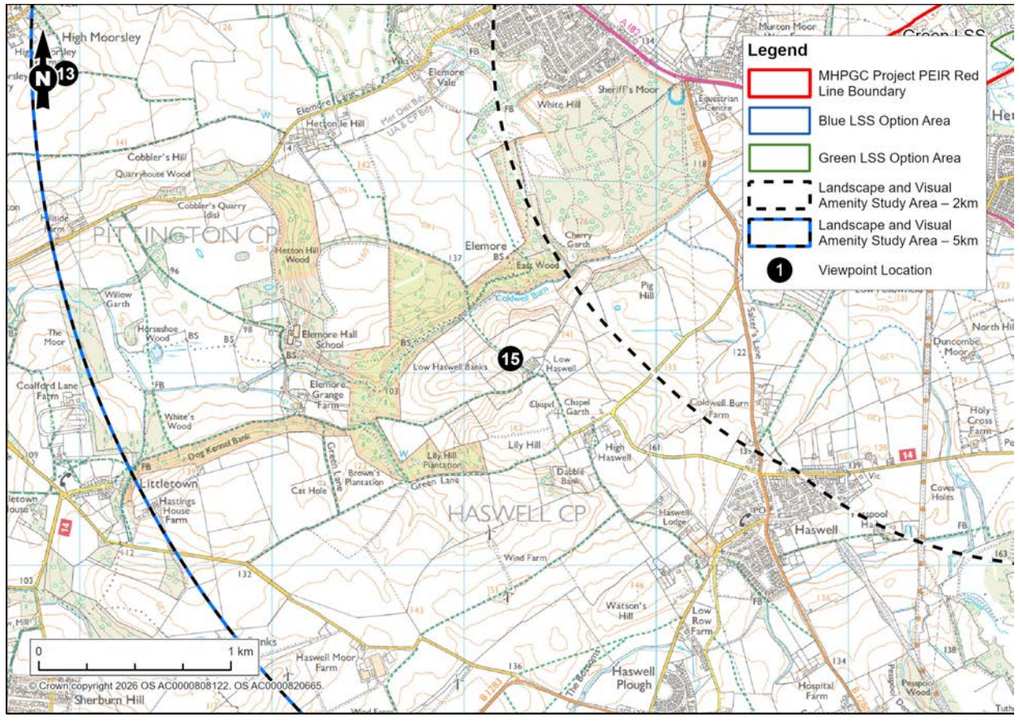
Photograph 15: 360º panorama photograph summer



Photograph 15: 360º panorama photograph winter



Viewpoint location:



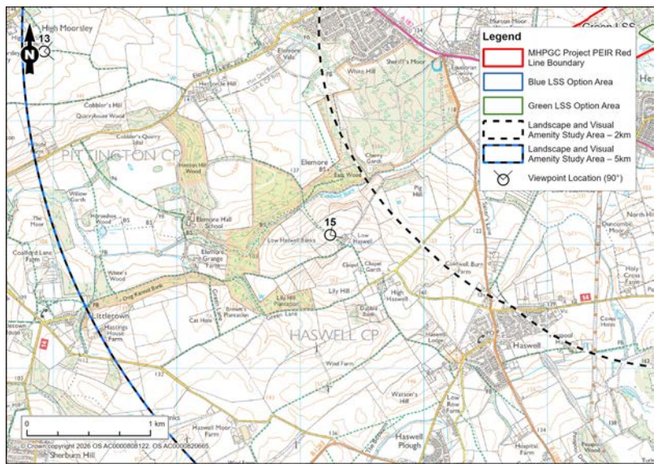
Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	436237
Northing:	544072
Ground level (mAOD):	150
Summer date and time:	07/10/2025 15:25
Summer conditions:	Cloudy, clear visibility
Winter date and time:	02/03/2026 16:29
Winter conditions:	Cloudy, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	2,490m

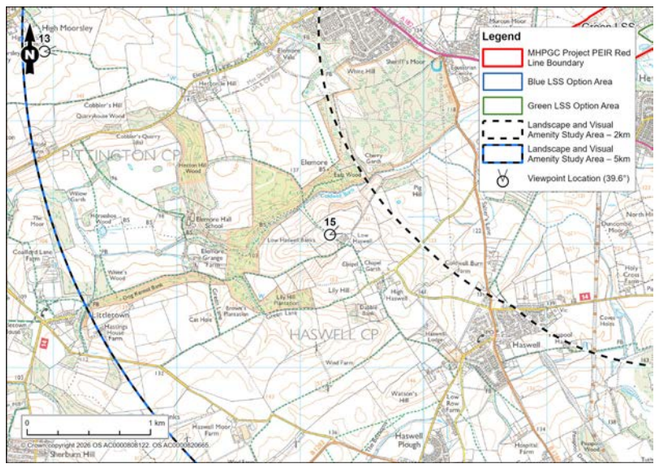
Project Name:	Drawing Title:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 15: 360º PANORAMA PHOTOGRAPH SUMMER AND WINTER	Morven Offshore Wind Farm · RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



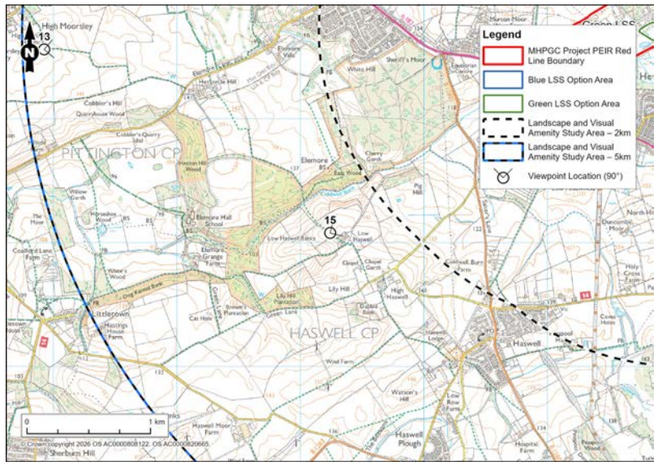
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	Photograph 15: 90º panorama photograph summer northeast		Morven Offshore Wind Farm · RAMBOLL



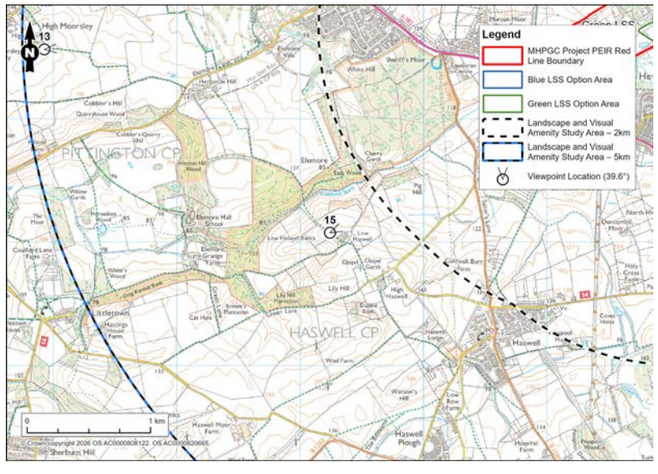
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 15: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER NORTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 15: 90º PANORAMA PHOTOGRAPH WINTER NORTHEAST		Morven Offshore Wind Farm · RAMBOLL

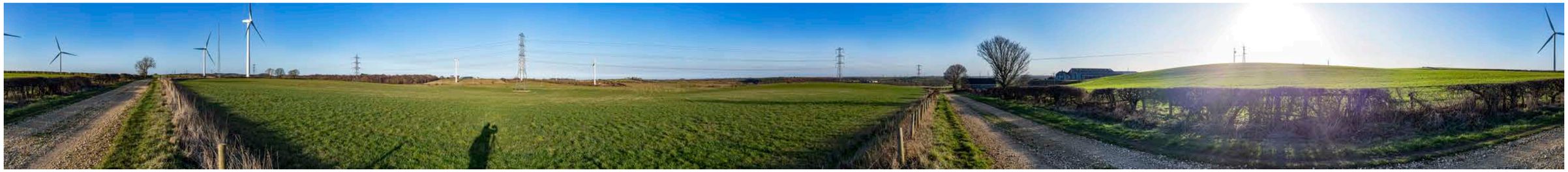


Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 15: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER NORTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL

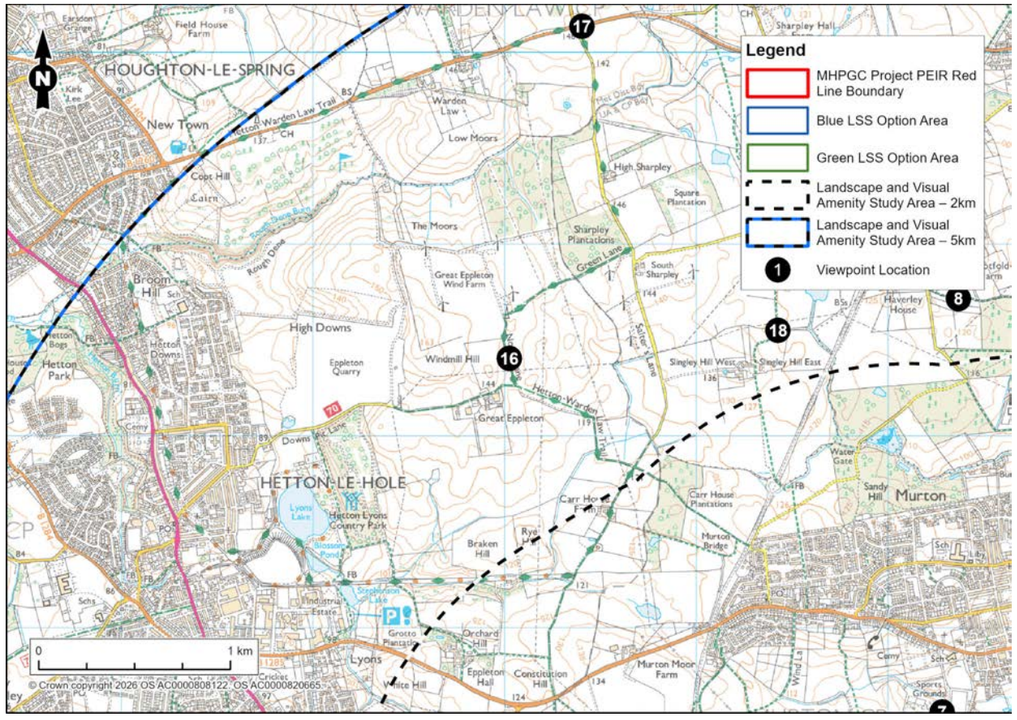
Photograph 16: 360º panorama photograph summer



Photograph 16: 360º panorama photograph winter



Viewpoint location:



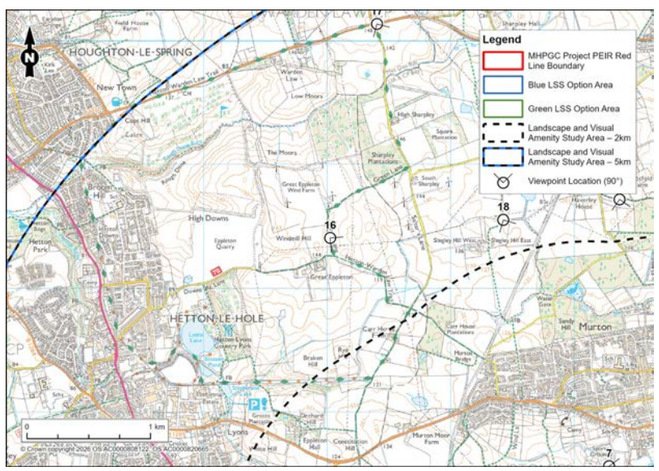
Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	437022
Northing:	548405
Ground level (mAOD):	146
Summer date and time:	08/10/2025 15:16
Summer conditions:	Light cloud, clear visibility
Winter date and time:	03/03/2026 16:17
Winter conditions:	Clear sky, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	2,880m

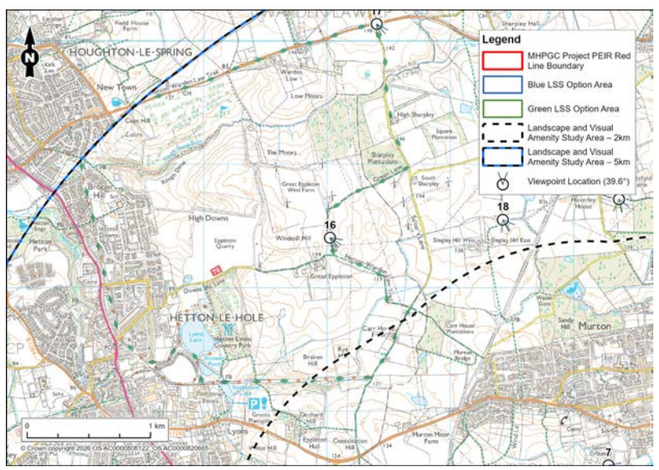
Project Name:	Drawing Title:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 16: 360º PANORAMA PHOTOGRAPH SUMMER AND WINTER	Morven Offshore Wind Farm · RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 16: 90º PANORAMA PHOTOGRAPH SUMMER SOUTHEAST		Morven Offshore Wind Farm · RAMBOLL



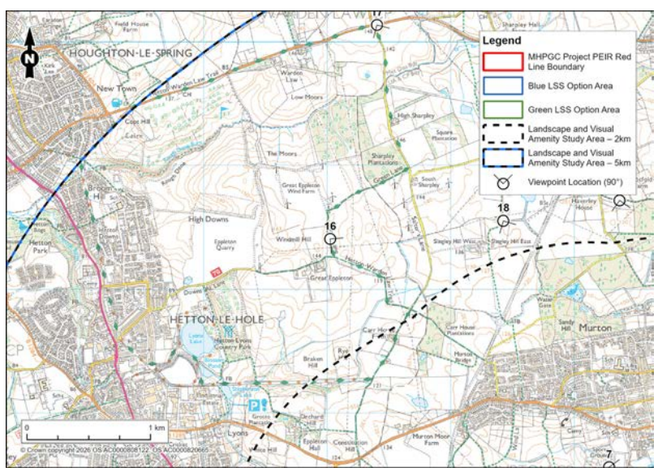
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 16: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER SOUTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



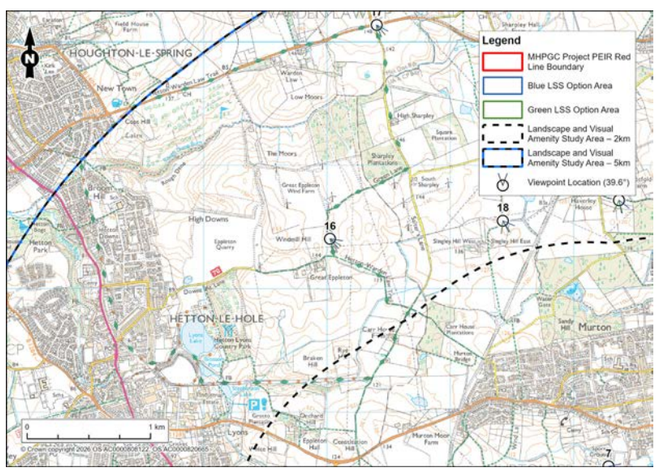
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 16: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER SOUTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 16: 90º PANORAMA PHOTOGRAPH WINTER SOUTHEAST		Morven Offshore Wind Farm · RAMBOLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 16: 39.6° SINGLE-SHOT PHOTOGRAPH WINTER SOUTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 16: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER SOUTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL

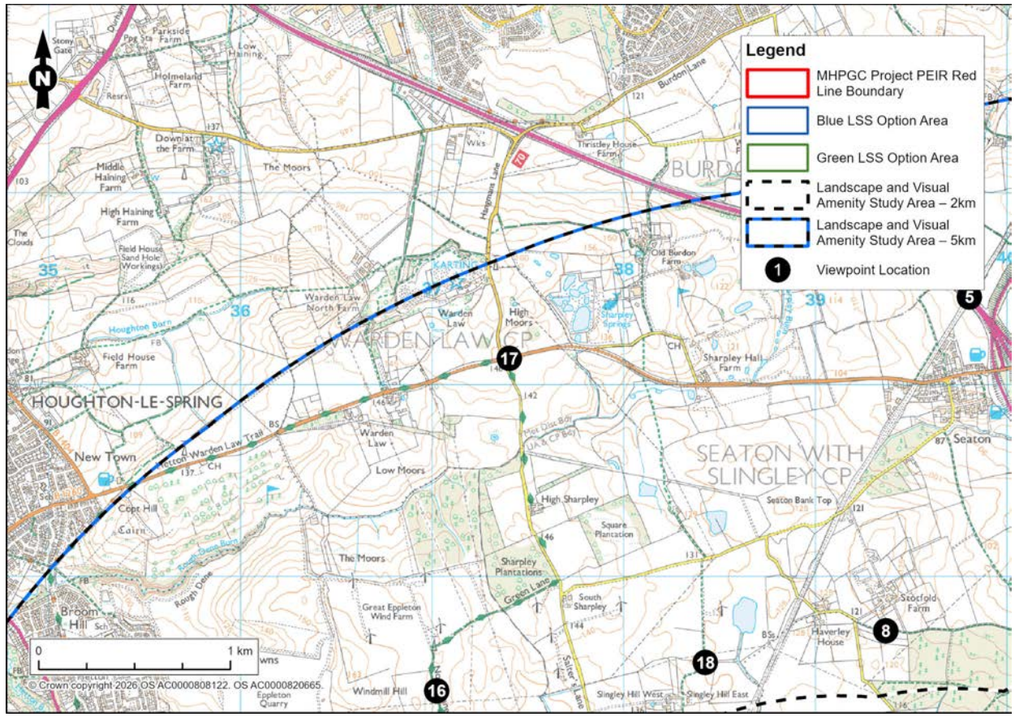
Photograph 17: 360º panorama photograph summer



Photograph 17: 360º panorama photograph winter



Viewpoint location:



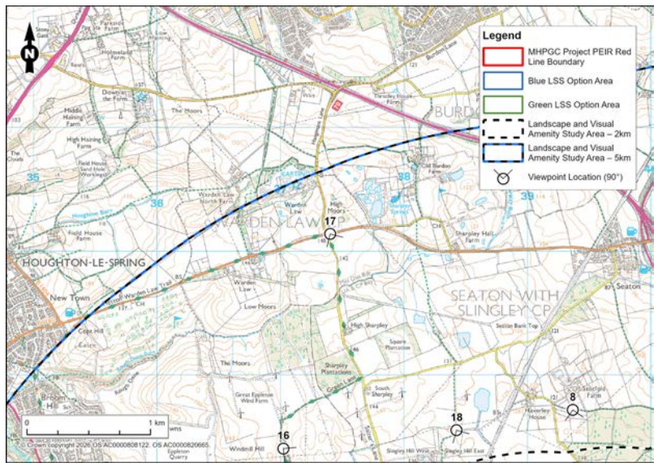
Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	437406
Northing:	550138
Ground level (mAOD):	149
Summer date and time:	08/10/2025 15:47
Summer conditions:	Light cloud, clear visibility
Winter date and time:	02/03/2026 17:08
Winter conditions:	Cloudy, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	4,130m

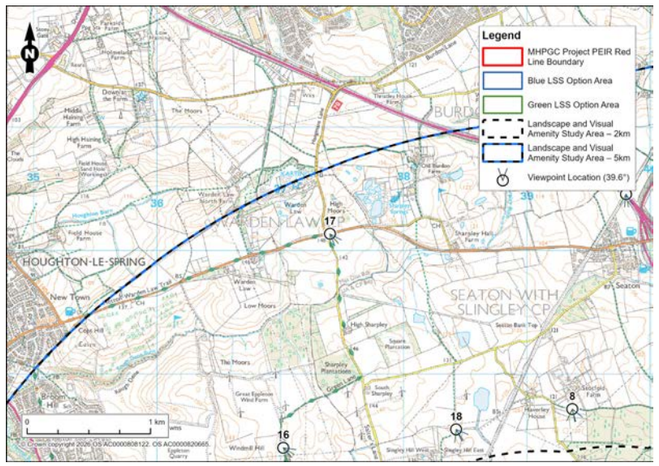
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 17: 360º PANORAMA PHOTOGRAPH SUMMER AND WINTER		Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 17: 90º PANORAMA PHOTOGRAPH SUMMER SOUTHEAST		Morven Offshore Wind Farm · RAMBOLL



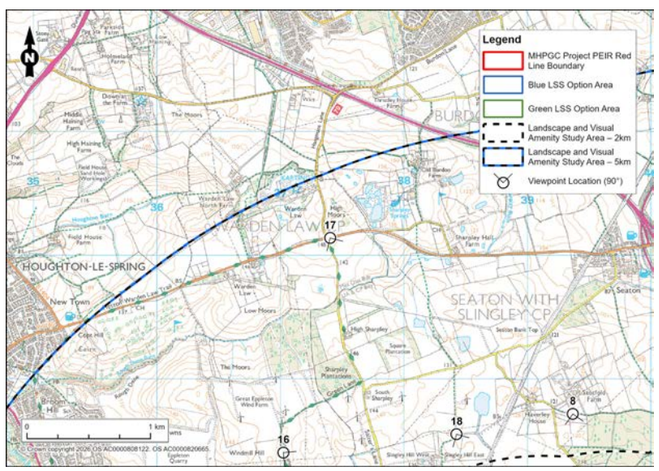
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 17: 39.6° SINGLE-SHOT PHOTOGRAPH SUMMER SOUTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



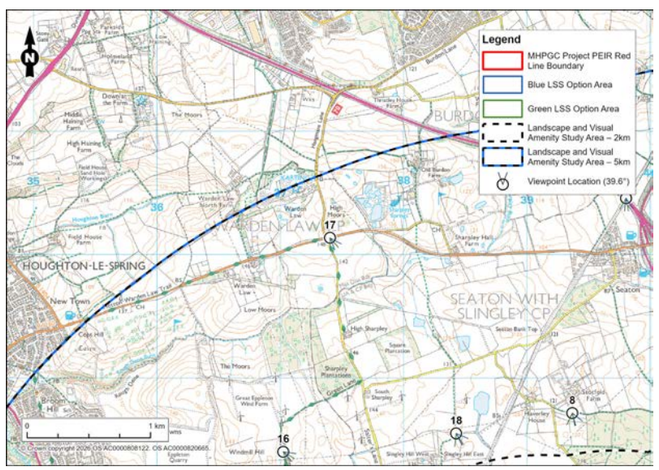
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 17: 39.6° SINGLE-SHOT PHOTOGRAPH SUMMER SOUTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 17: 90º PANORAMA PHOTOGRAPH WINTER SOUTHEAST		Morven Offshore Wind Farm · RAMBOLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 17: 39.6° SINGLE-SHOT PHOTOGRAPH WINTER SOUTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBØLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 17: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER SOUTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL

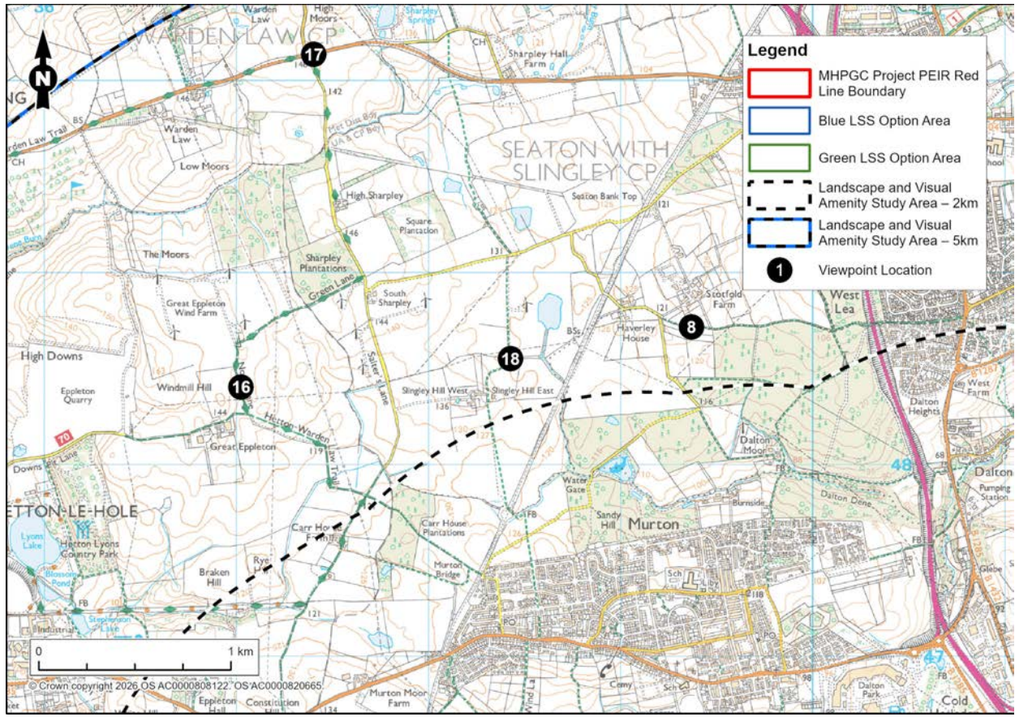
Photograph 18: 360º panorama photograph summer



Photograph 18: 360º panorama photograph winter



Viewpoint location:



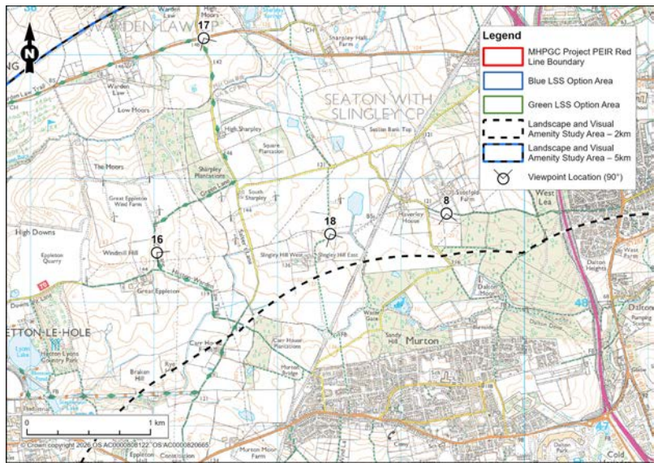
Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	438426
Northing:	548549
Ground level (mAOD):	125
Summer date and time:	08/10/2025 16:16
Summer conditions:	Cloudy, clear visibility
Winter date and time:	03/03/2026 17:00
Winter conditions:	Clear sky, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	2,280m

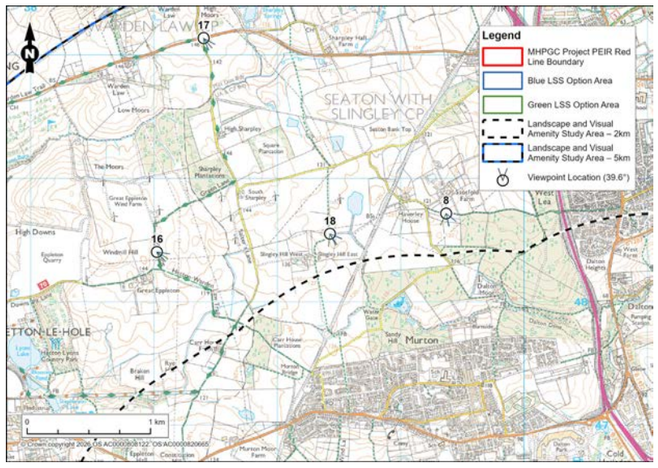
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 18: 360º PANORAMA PHOTOGRAPH SUMMER AND WINTER		Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 18: 90º PANORAMA PHOTOGRAPH SUMMER SOUTHEAST		Morven Offshore Wind Farm · RAMBOLL



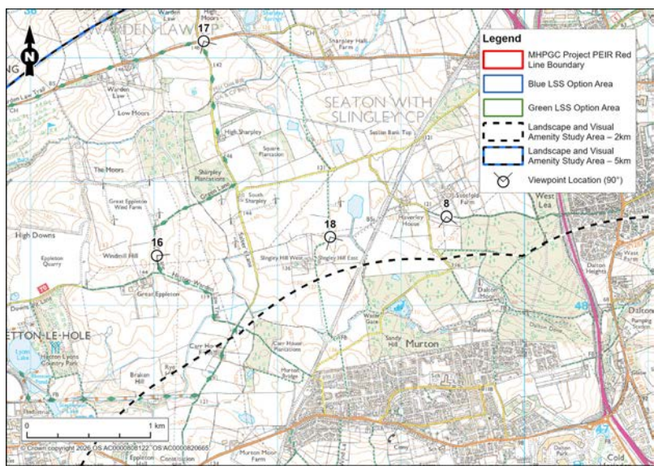
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 18: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER SOUTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



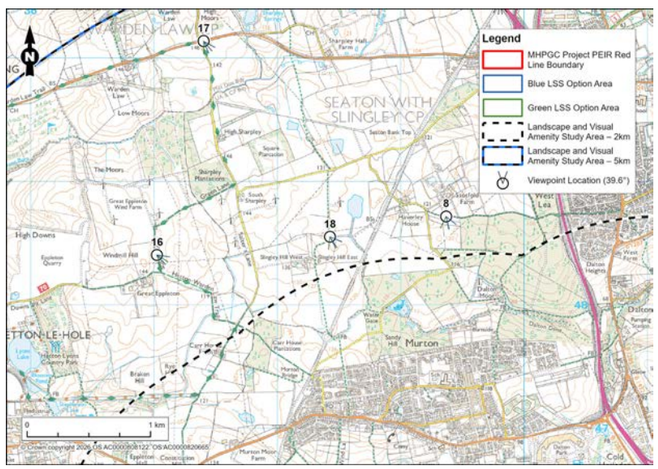
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 18: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER SOUTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 18: 90º PANORAMA PHOTOGRAPH WINTER SOUTHEAST		Morven Offshore Wind Farm · RAMBOLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 18: 39.6° SINGLE-SHOT PHOTOGRAPH WINTER SOUTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 18: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER SOUTHEAST	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL

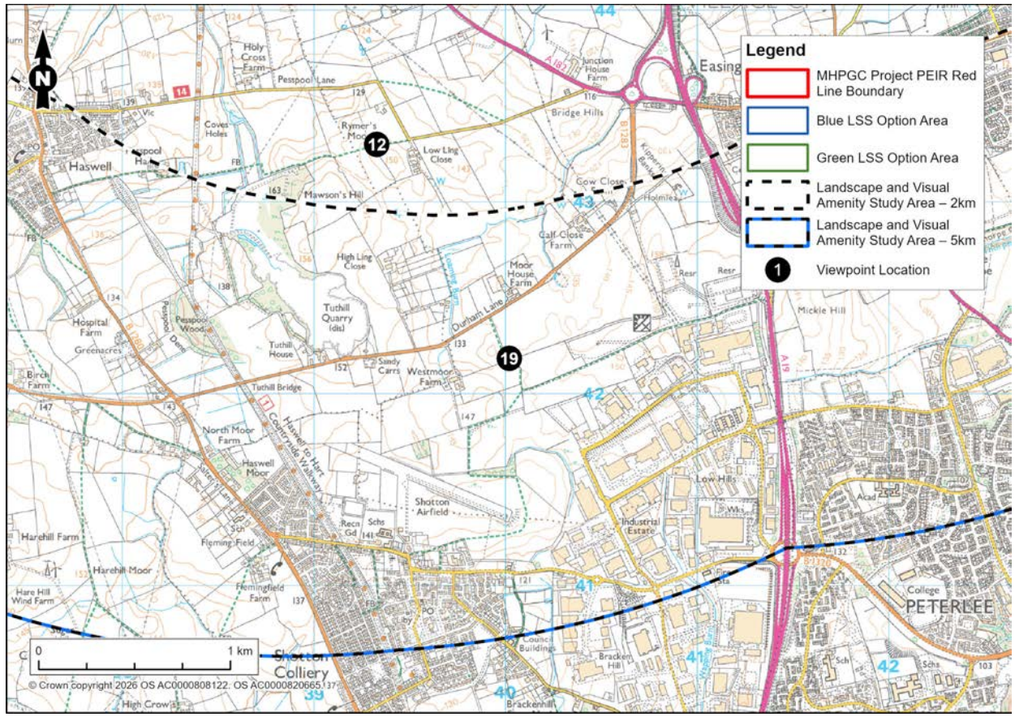
Photograph 19: 360º panorama photograph summer



Photograph 19: 360º panorama photograph winter



Viewpoint location:



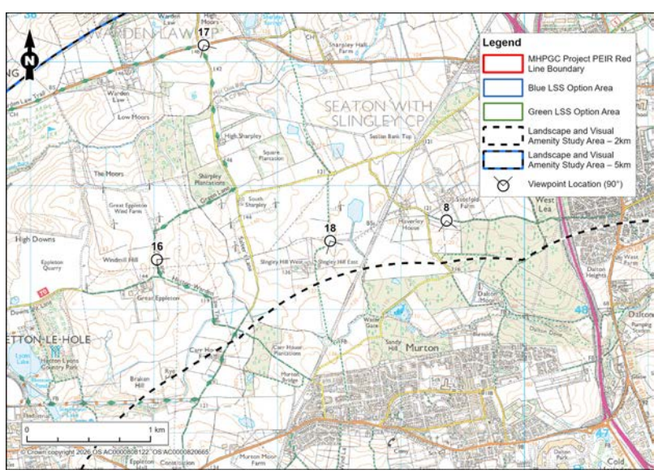
Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	440014
Northing:	542175
Ground level (mAOD):	141
Summer date and time:	07/10/2025 12:32
Summer conditions:	Cloudy, clear visibility
Winter date and time:	03/03/2026 14:18
Winter conditions:	Clear sky, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	2,770m

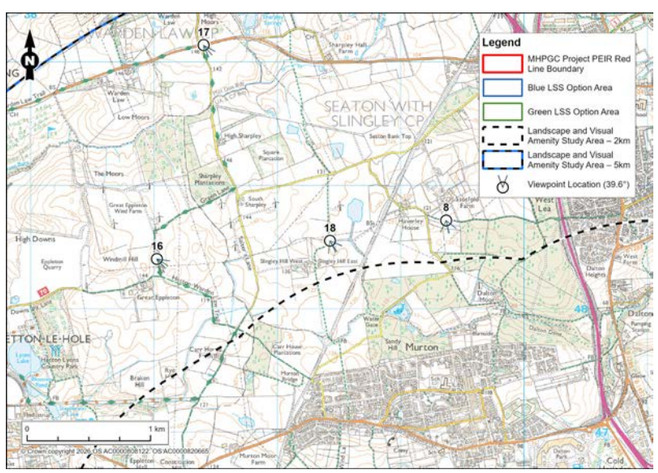
Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 19: 360º PANORAMA PHOTOGRAPH SUMMER AND WINTER		Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 19: 90º PANORAMA PHOTOGRAPH SUMMER NORTH		Morven Offshore Wind Farm · RAMBOLL



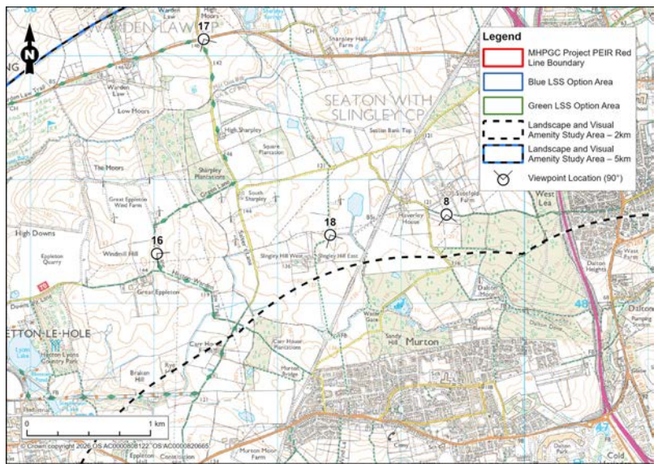
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 19: 39.6° SINGLE-SHOT PHOTOGRAPH SUMMER NORTH	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



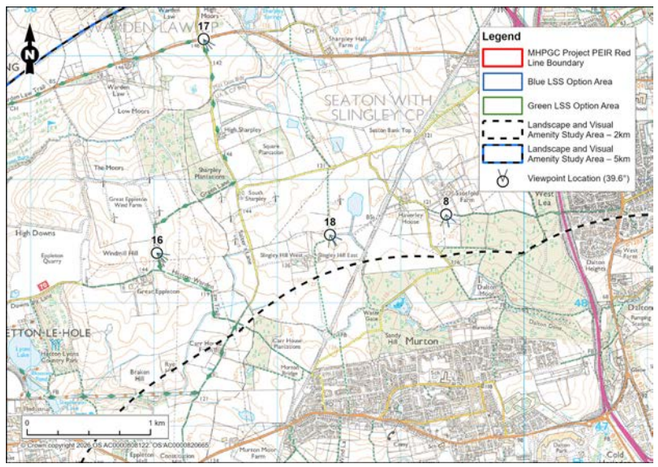
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 19: 39.6^{O} SINGLE-SHOT PHOTOGRAPH SUMMER NORTH	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



90º panorama location/direction:



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Project Name:	Drawing Title:		
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 19: 90º PANORAMA PHOTOGRAPH WINTER NORTH		Morven Offshore Wind Farm · RAMBOLL



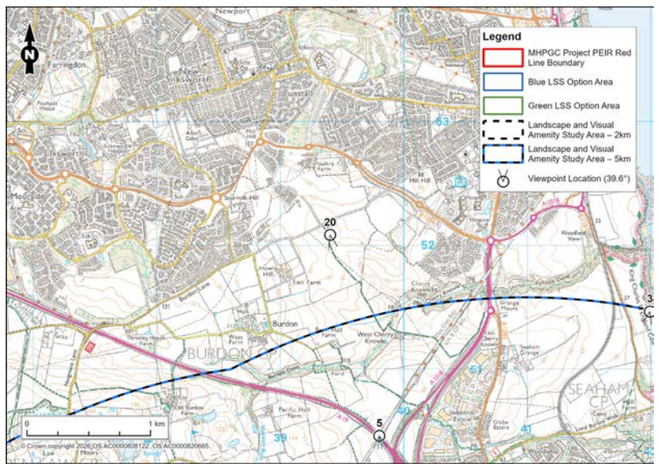
Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 19: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER NORTH	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 19: 39.6^{O} SINGLE-SHOT PHOTOGRAPH WINTER NORTH	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm RAMBOLL



39.6° single-shot location/direction (Green and Blue LSS Option Areas):



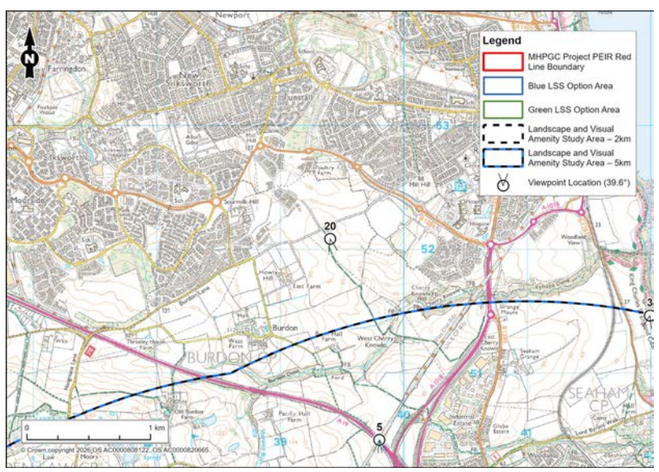
Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	439403
Northing:	552087
Ground level (mAOD):	92
Summer date and time:	08/10/2025 08:34
Summer conditions:	Cloudy, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	5,620m

Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 20: 39.6° SINGLE-SHOT PHOTOGRAPH SUMMER SOUTH	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm · RAMBOLL



39.6º single-shot location/direction (Green and Blue LSS Option Areas):



Viewpoint details:

Camera:	NIKON D5
Lens:	Nikkor AF 50mm f1.8D
Camera height above ground level:	1.7m
Easting:	439403
Northing:	552087
Ground level (mAOD):	92
Winter date and time:	04/03/2026 14:39
Winter conditions:	Clear sky, clear visibility
Distance to MHPGC Project PEIR Red Line Boundary:	5,620m

Project Name:	Drawing Title:	Notes:	
MORVEN HAWTHORN PIT GRID CONNECTION PROJECT	VIEWPOINT 20: 39.6º SINGLE-SHOT PHOTOGRAPH WINTER SOUTH	Viewing distance at A3: 542mm/comfortable arms length	Morven Offshore Wind Farm · RAMBOLL