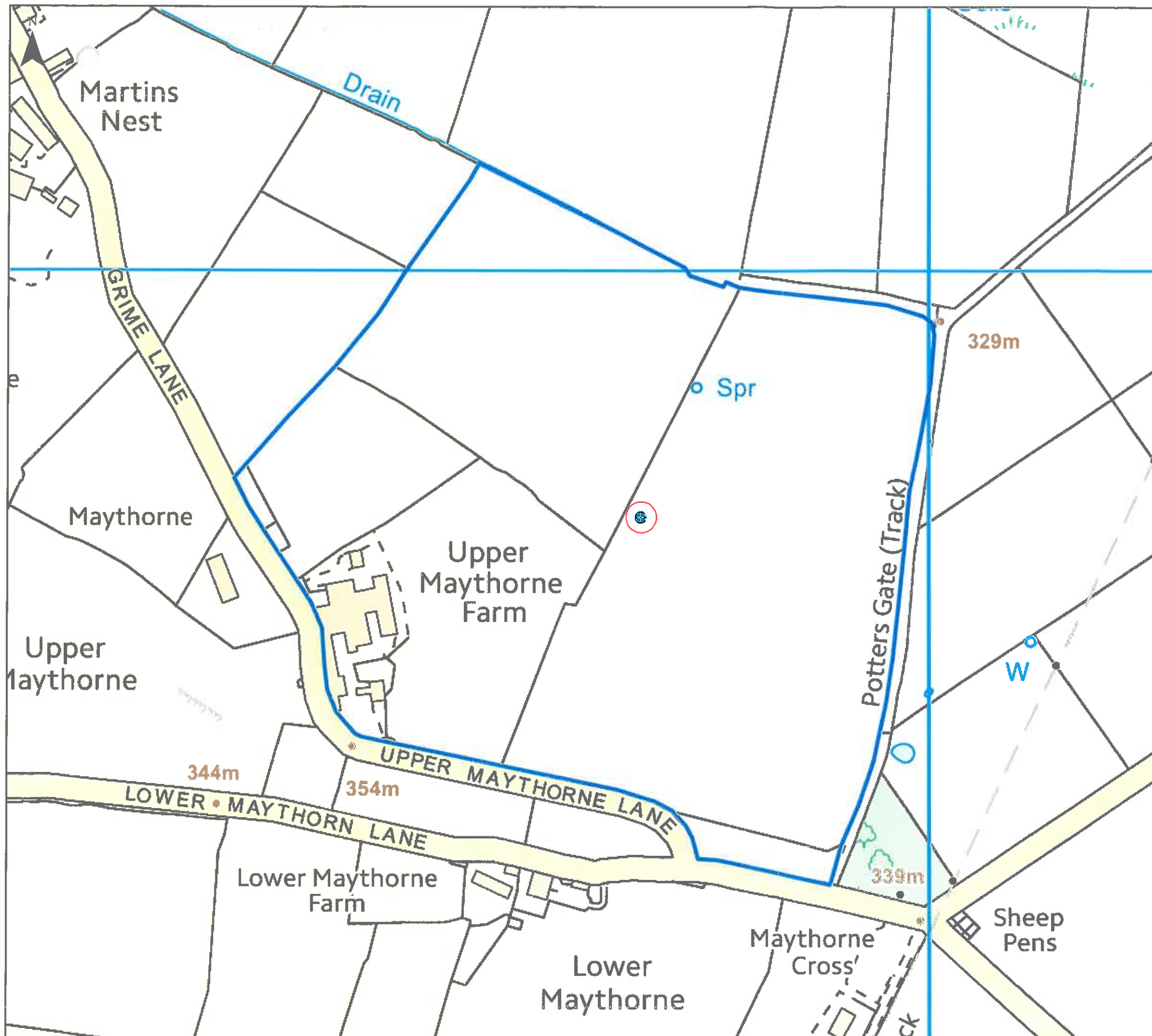




Upper Maythorne Lane Site Layout Map Figure 2.1

Key

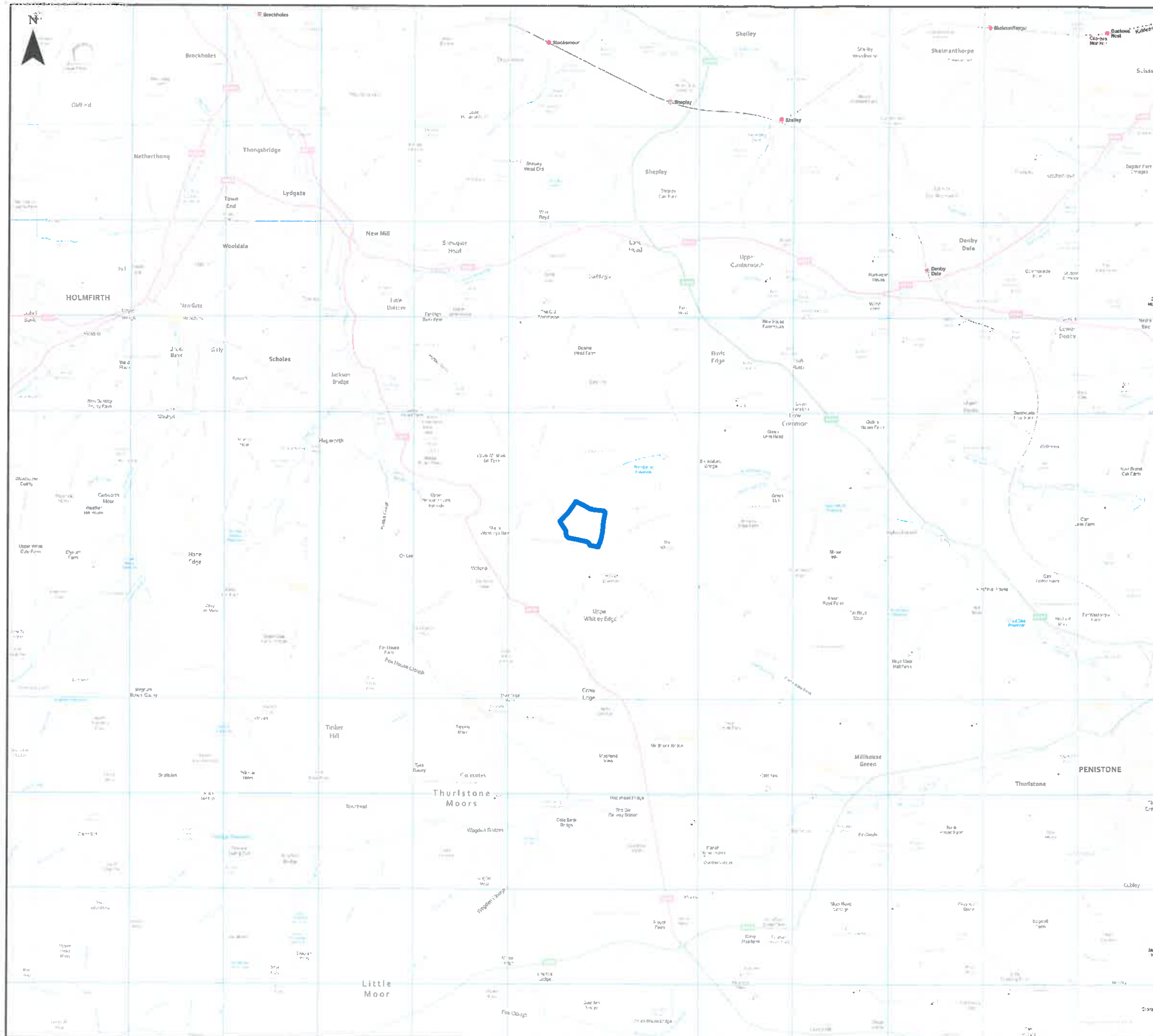
- Turbine Location (E418809 N405838)
- Site Boundary
- Application Site = 314m²



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Date: 21/03/2017
 Drawn By: JM
 Scale (A3): 1:2,500
 Drawing No: NEO00436/010/A



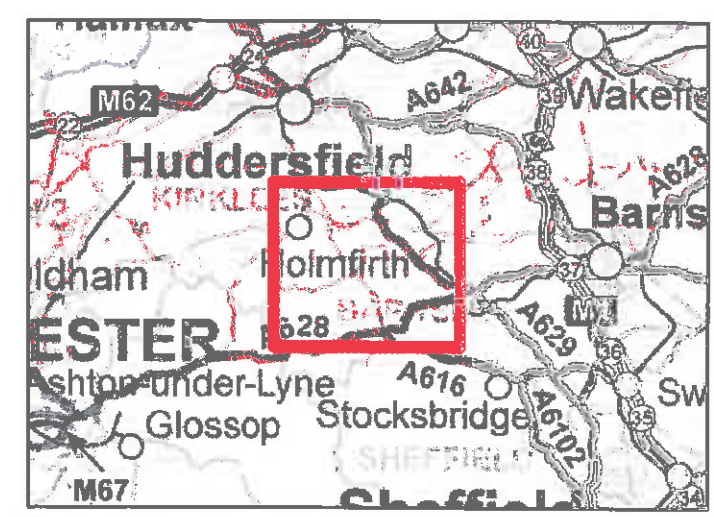


Upper Maythorne Lane
Site Location Map
Figure 2.2

Key



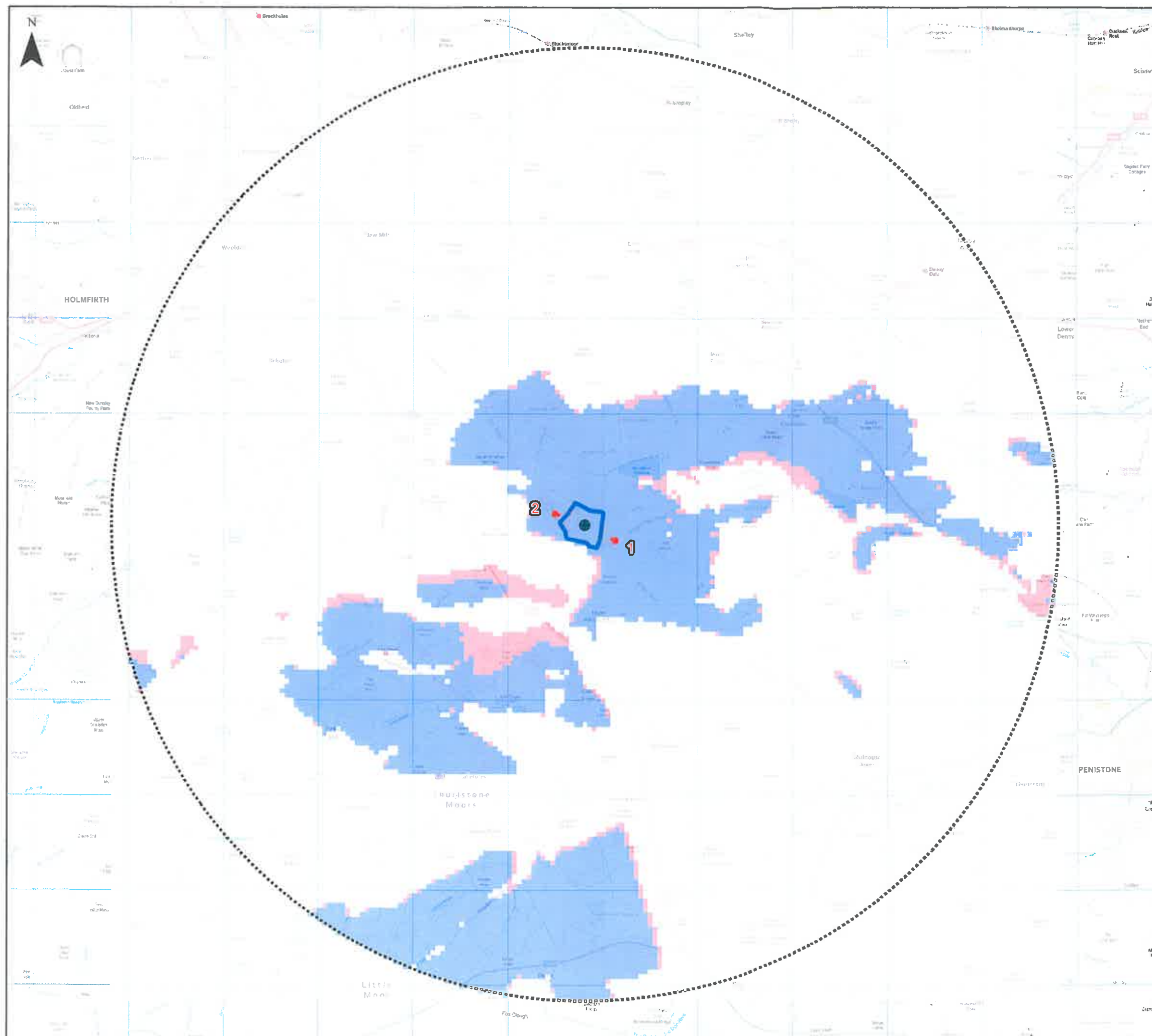
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Date: 21/03/2017
Drawn By: JM
Scale (A3): 1:40,000
Drawing No: NEO00436/009/A





Upper Maythorne Lane Zone of Theoretical Visibility Figure 3.1

Key

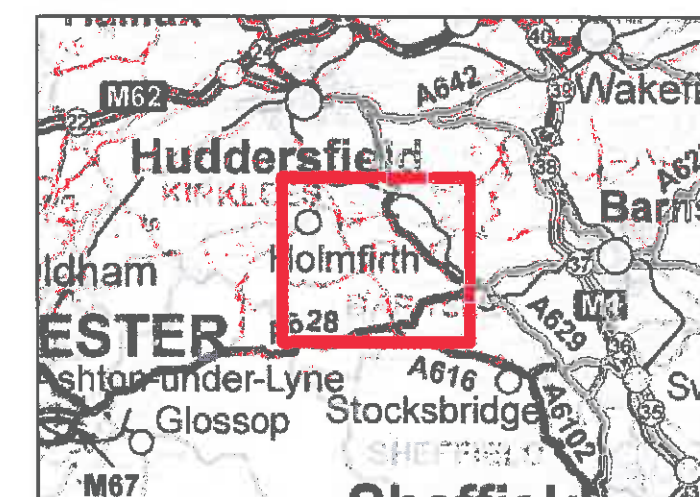
-  Turbine Location (E418809 N405838)
-  Site Boundary
-  5km Study Area
-  Proposed Upper Maythorne Lane Turbine
-  Existing Upper Maythorne Lane Turbine (To be Removed)

This ZTV was calculated to the existing and proposed turbine's blade tip.

The existing turbine model is: hub height of 15, rotor diameter of 9.5m with a total height to blade tip of 19.75m.

The proposed turbine model is: hub height of 15, rotor diameter of 6.99m with a total height to blade tip of 18.495m.

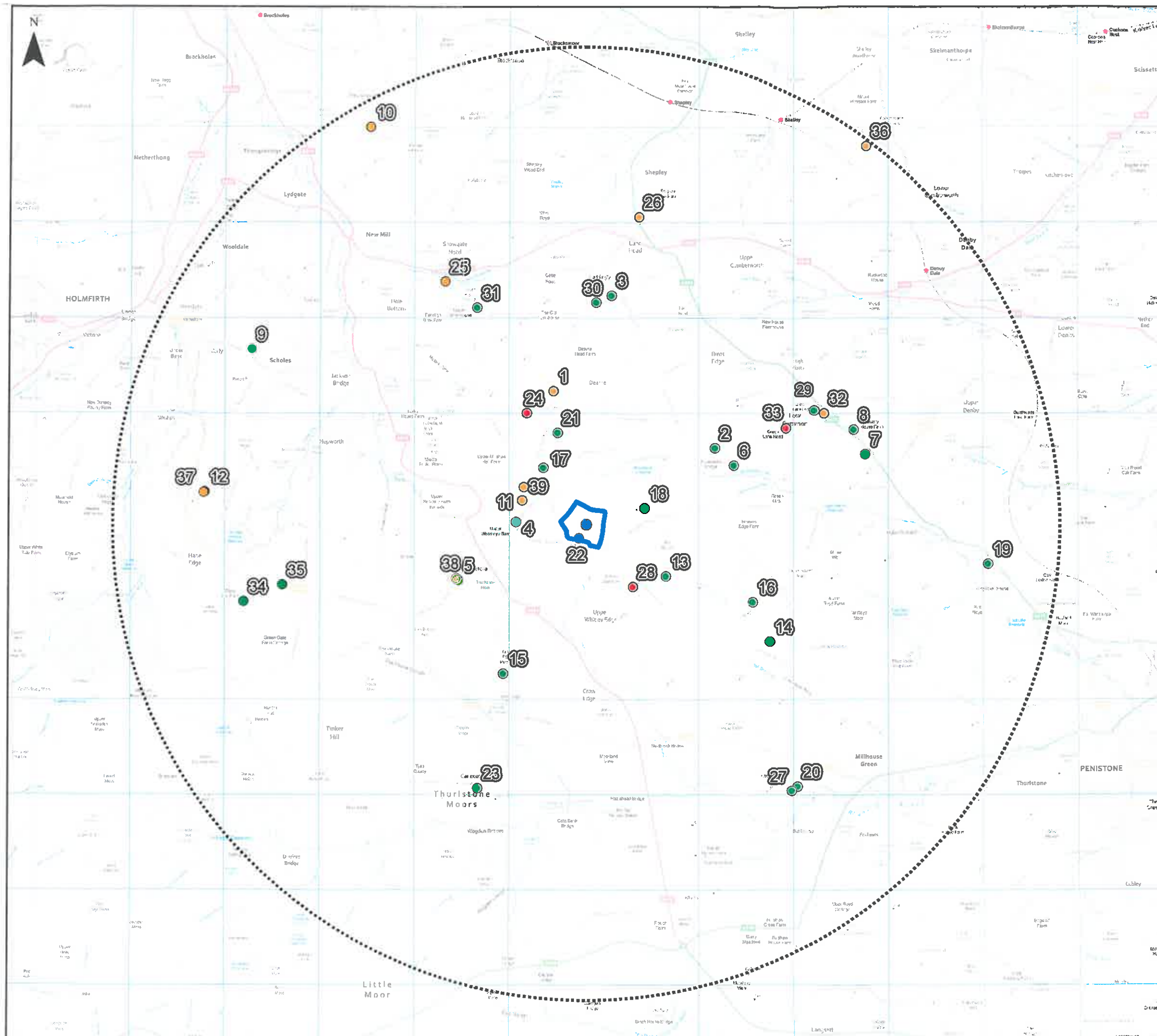
The viewer height used for this ZTV is 2m. The ZTV is based on OS Terrain 50A@ DTM which provides a bare ground survey. This presents a worst case scenario i.e. no account has been made for possible screening effects by vegetation or built structures etc. The ZTV takes into account the earth's curvature and atmospheric refraction.



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Drawing No: NEO00436/008/A





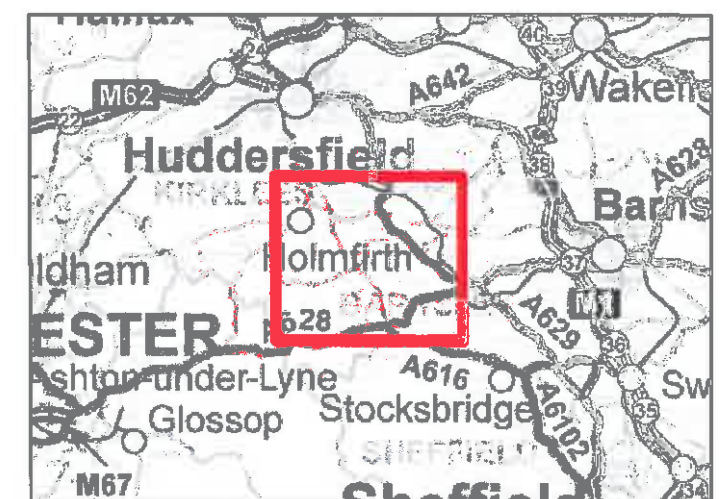
Upper Maythorne Lane Cumulative Map to 5km Figure 3.2

Key

-  Turbine Location (E418809 N405838)
-  Site Boundary
-  5km Study Area
-  Consented
-  Not determined
-  Operational

Note:
See Table 3.2 within the appendix of the supporting statement for details of each development or the website link below. The dots may indicate more than one turbine present at a location e.g. a windfarm.

Source: LUC November 2014
<http://www.lucmaps.co.uk/SPWED/index.html>



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Scale (A3): 1:40,000
Drawing No: NEO00436/002/A





Figure 3.3a
Viewpoint 1: Browns edge Road

Horizontal Field of View: 39.6 degrees
 Distance to Turbine: 0.2km
 Paper Size: 420 x 297 mm
 Corrected printed image size: (A3)390 x 260 mm

Camera: Canon 5D II
 Lens: 50mm
 Camera Height: 1.5m AGL
 View flat at comfortable arm's length

Date: 16/03/2017
 Drawn By: JM
 Drawing No: NEO00436/004/A

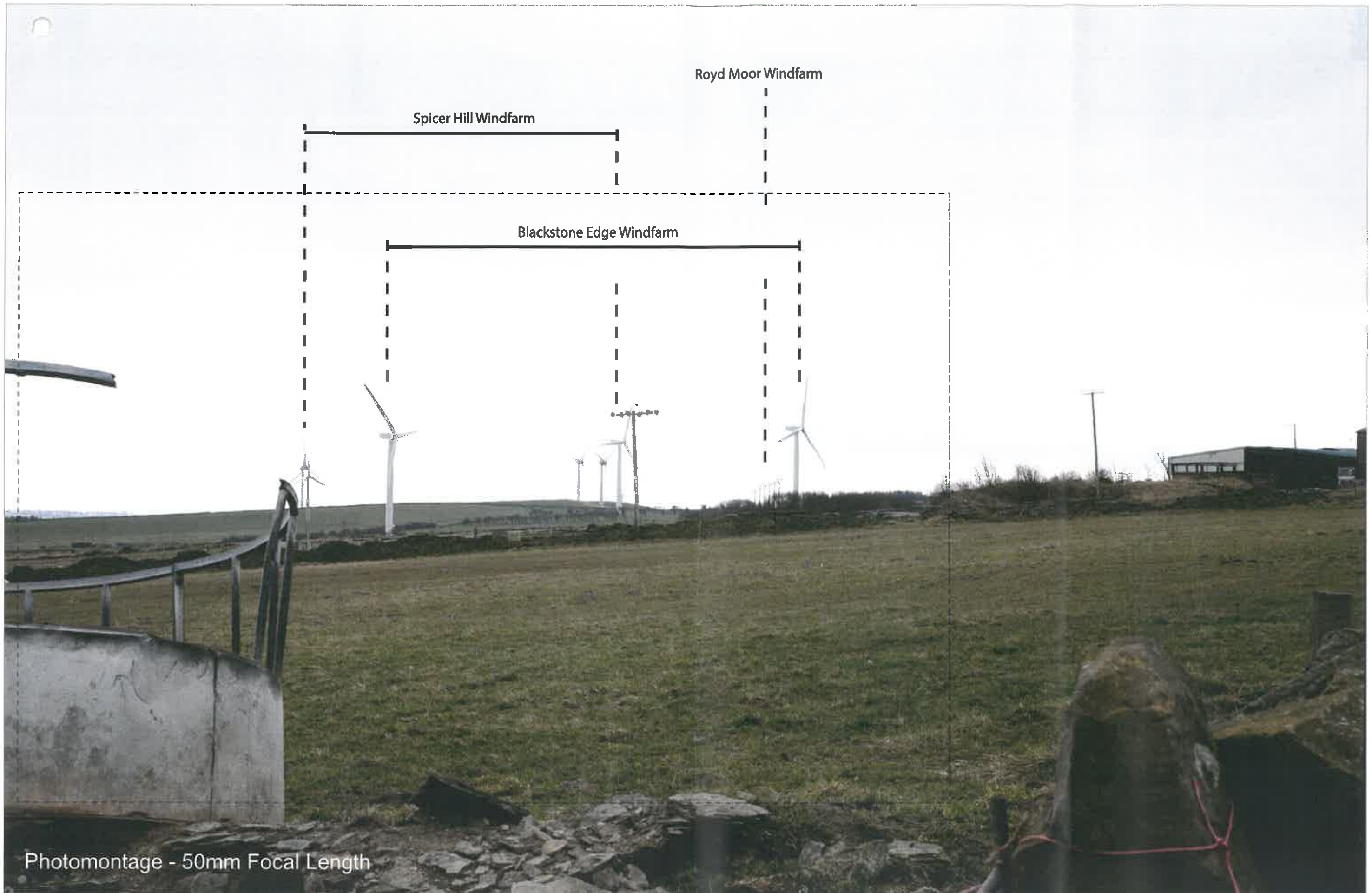


Figure 3.3b
Viewpoint 1: Browns edge Road

Horizontal Field of View: 27 degrees
 Distance to Turbine: 0.2km
 Paper Size: 420 x 297 mm (A3)
 Corrected printed image size: 390 x 260 mm

Camera: Canon 5D II
 Lens: 50mm
 Camera Height: 1.5m AGL
 View flat at comfortable arm's length

Date: 16/03/2017
 Drawn By: JM
 Drawing No: NEO00436/005/A



Photomontage - 50mm Focal Length

Figure 3.4a
Viewpoint 2: Grime Lane 121m northwest of Maythorne

Horizontal Field of View: 39.6 degrees
 Distance to Turbine: 0.34km
 Paper Size: 420 x 297 mm (A3)
 Corrected printed image size: 390 x 260 mm

Camera: Canon 5D II
 Lens: 50mm
 Camera Height: 1.5m AGL
 View flat at comfortable arm's length

Date: 16/03/2017
 Drawn By: JM
 Drawing No: NEO00436/006/A

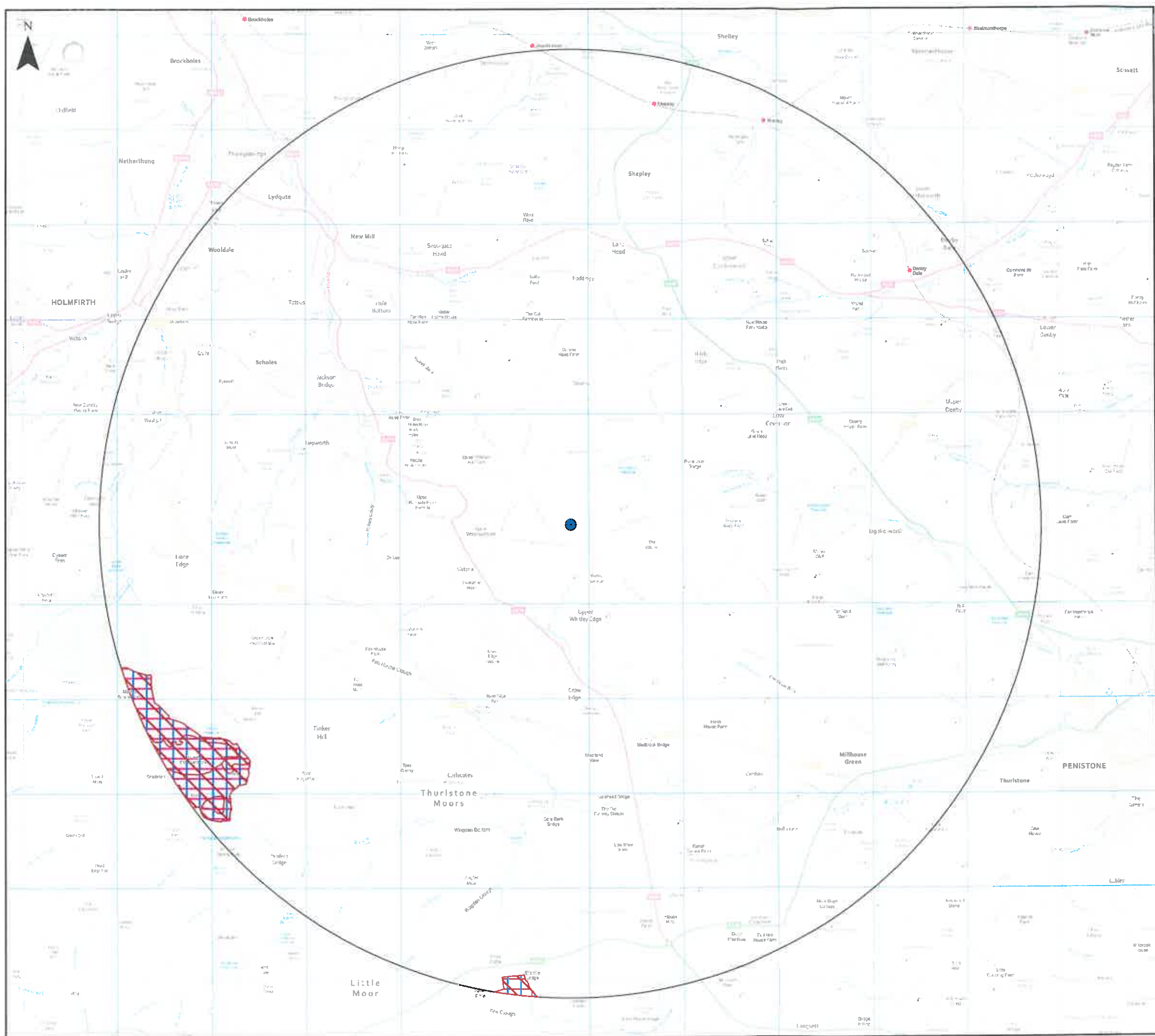


Figure 3.4b
Viewpoint 2: Grime Lane 121m northwest of Maythorne

Horizontal Field of View: 27 degrees
Distance to Turbine: 0.34km
Paper Size: 420 x 297 mm (A3)
Corrected printed image size: 390 x 260 mm

Camera: Canon 5D II
Lens: 50mm
Camera Height: 1.5m AGL
View flat at comfortable arm's length

Date: 16/03/2017
Drawn By: JM
Drawing No: NEO00436/007/A



Upper Maythorne Lane

Figure 4.1

Environmental Designations

Key

 Turbine Location E418809 N405838

 5km Study Area

 SAC

 SPA

 SSSI



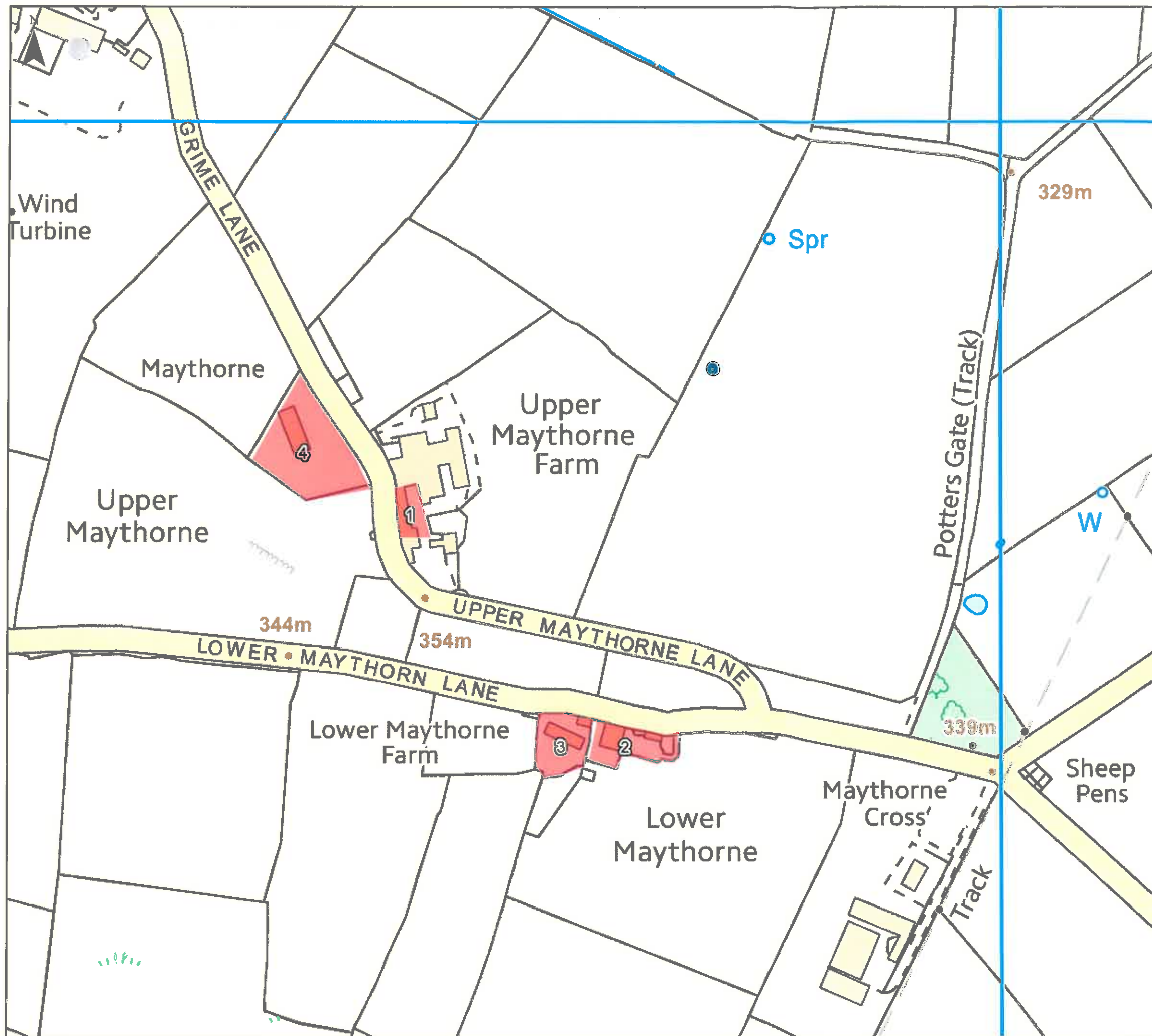
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Date: 15/03/2017

Drawn By: DT

Scale (A3): 1:40,000

Drawing No: NEO00436/003/A



Upper Maythorne Lane
Noise Assessment Map
Figure 5.1

Key

 Turbine Location E418809 N405838

 Noise Sensitive Receptors



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Date: 01/03/2017

Drawn By: MM

Scale (A3): 1:2,500

Drawing No: NEO00436/0011/A