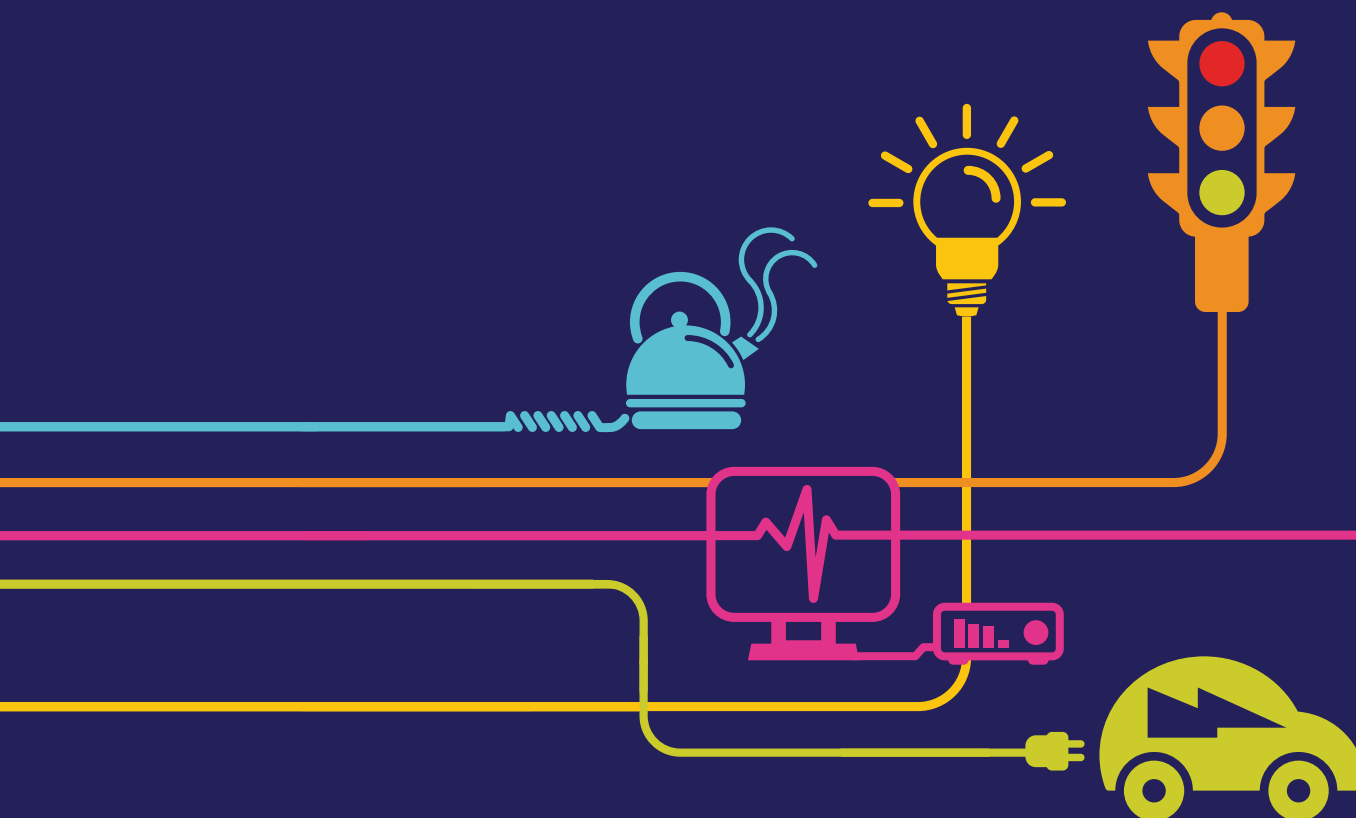


Environmental Statement Ground Environment Appendix 9A Part 1

Hinkley Point C Connection Project

*Regulation 5(2)(a) of the Infrastructure Planning
(Applications: Prescribed Forms and Procedure)
Regulations 2009*



Environmental Statement

Hinkley Point C Connection Project

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9J	Factual Report on Ground Investigation Hinkley to Seabank 400kV Connection (Part 3)
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9K	Factual Report on Ground Investigation on New Electricity Substation at Sandford, Somerset

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Appendix 9A – Preliminary Risk Assessment - Section A



National Grid

Hinkley Point C to Seabank Grid Connection Project

Preliminary Risk Assessment – Section A - Puriton Ridge

312318 – R1 (02)

MARCH 2014

RSK



RSK GENERAL NOTES

Project No.: 312318 – R1 (02)

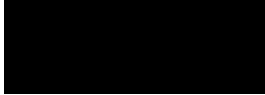
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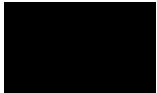
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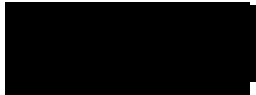
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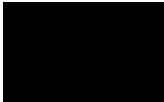
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Date: March 2014

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Signature
Date: March 2014

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Where any data supplied by the client or from other sources have been used, it has been assumed that the information is correct. No responsibility can be accepted by RSK for inaccuracies in the data supplied by any other party. The conclusions and recommendations in this report are based on the assumption that all relevant information has been supplied by those bodies from whom it was requested.

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Where field investigations have been carried out, these have been restricted to a level of detail required to achieve the stated objectives of the work.

This work has been undertaken in accordance with the quality management system of RSK Environment Ltd.

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EXECUTIVE SUMMARY

Site description and Proposed Development	<p>The Proposed Development within Section A - Puriton Ridge is to comprise:</p> <ul style="list-style-type: none"> • Construction of a 400kV overhead line; • Construction of two cable sealing end (CSE) compounds near Bridgwater (Horse Level); • Construction of 400kV underground cables between CSE compounds; • The removal of the F Route 132kV overhead line; • Works to construct a new 400kV Teed circuit at Horse Level; and • Temporary 400kV overhead line diversions. <p>Section A - Puriton Ridge comprises the southern-most part of the development between Bridgwater 275/132kV sub-station and the Puriton Ridge. The area generally comprises low-lying, flat open fields used for agricultural purposes. The regional topography ranges between approximately 6-8m aOD, rising gently at the Puriton Ridge to 50m aOD. The Puriton Ridge forms an elevated section of land trending west to east.</p> <p>Isolated hamlets and villages are located along the route, primarily Slape Cross, Bawdrip, Horse, Knowle and Woolavington.</p> <p>Numerous interconnected surface water features such as ponds, drainage ditches and rhynes cross the Horse and Bawdrip Levels. Primary water features within Section A - Puriton Ridge consist of the King's Sedgemoor Drain.</p>
Purpose of assessment	<p>In accordance with the information provided at tender stage, this assessment was undertaken to provide an initial assessment of potential contamination on site and determine potentially complete pollutant linkages, if present. The report can be used as a technical baseline in support of a preliminary environmental impact (PEI) report and subsequent environmental statement (ES).</p>
PRELIMINARY RISK ASSESSMENT	
Site walkover	<p>A site walkover inspection was undertaken by RSK on 4 June 2013. The alignment of the F route trends NNE to SSW from the Bridgwater 275/132kV sub-station at Dunwear, Bridgwater. A series of towers are located on predominantly low-lying open agricultural fields until reaching the King's Sedgemoor Drain. The F route follows the topography, rising over the Puriton Ridge towards Woolavington. On the ridge, the F route crosses arable fields and small wooded coverts.</p> <p>The proposed 400kV OHL is to connect with an existing 275kV OHL on the Horse Levels at Horse, Bridgwater. The OHL will trend NE towards the Puriton Ridge and south Woolavington. The OHL would cross low-lying open fields until reaching the King's Sedgemoor Drain. The OHL would follow the topography and rise gently over the Puriton Ridge towards Woolavington.</p> <p>The general land use between the Bridgwater 275/132kV sub-station and the King's Sedgemoor Drain comprises agricultural fields used for animal grazing. Numerous interconnected drainage ditches and rhynes were identified along field boundaries. Isolated farm and associate buildings are located within the</p>

	<p>landscape. No significant commercial or industrial areas were noted.</p> <p>The Puriton Ridge rises gently to approximately 50m aOD and comprise arable fields and small wooded converts. Isolated residential buildings and farms are located along the route alignment.</p> <p>No significant sources of potential contamination were noted.</p>
History of site and surrounding area	<p>The area within Section A - Puriton Ridge has historically comprised a rural agricultural setting. Numerous fields have generally been used for animal grazing. No significant historic industrial processes have been noted.</p> <p>The Puriton Ridge has predominantly been used for arable farming and quarrying. A number of historic quarries are located close to the proposed 400kV route alignment including Cat's Quarry, which may fall beneath tower locations ZGA7 and ZGA8 on the ridge, south of Woolavington. The quarried commodity is not recorded.</p> <p>The proposed 400kV OHL crosses the Fourteen Acres mineral designation site.</p>
Geology, hydrogeology and hydrology	<p>Superficial deposits comprising Alluvium is located along sections of the Proposed Development corridor, predominantly located south of Slape Cross and close to the King's Sedgemoor Drain. This consists of clay, silt, sand and basal gravel with peat.</p> <p>Tidal Flat deposits are located on the Horsey Levels consisting of silty clays with basal gravel.</p> <p>The Burtle Formation comprising sand and gravel is located between Slape Cross and Knowle.</p> <p>The Puriton Ridge is generally absent of superficial deposits.</p> <p>Bedrock beneath the southern part of Section A - Puriton Ridge consists the Mercia Mudstone Group (MMG) comprising of mudstones. North of the King's Sedgemoor Drain on the Puriton Ridge, bedrock is identified as the Blue Anchor Formation (mudstones), Westbury Formation and Cotham Member (interbedded mudstone and limestone) and the Langport Member, Blue Lias Formation and Charmouth Mudstone Formation (undifferentiated mudstones).</p> <p>The superficial Alluvium and Burtle Formation are designated secondary A aquifers with the Tidal Flat Depots designated a secondary undifferentiated aquifer.</p> <p>The MMG is designated a secondary B aquifer. Bedrock on the Puriton Ridge is generally designated a secondary A aquifer. No principal aquifers are identified in the local region.</p> <p>Neither the F route or the proposed 400kV OHL are located within or within the immediate vicinity of a groundwater source protection zone (SPZ).</p> <p>Numerous interconnected surface water drainage ditches and rhynes are located on the low-lying areas of Section A - Puriton Ridge. Primary surface water features include the King's Sedgemoor Drain.</p>
Potentially contaminative uses on site and in surrounding area	<p>No significant historic sources of potential contamination, both along the Proposed Development corridors or adjoining them. The site has predominantly comprised agricultural land and with quarrying activity on Puriton Ridge.</p> <p>Small commercial properties are located within the general area and include sewage works, depots, pump houses and former railway sidings and rattle range. These are inferred as having a low potential to result in significant contamination</p>

	of the Proposed Development area
Conceptual model	No potentially complete relevant pollutant linkages have been identified with a risk of moderate or greater.
CONCLUSIONS AND RECOMMENDATIONS	
Environmental assessment	<p>Potential risks to both controlled waters and human health from the Proposed Development are considered to be low.</p> <p>There is potential requirement to undertake ecological surveys owing to the rural setting of the site.</p> <p>There is the potential requirement to undertake flood risk assessment.</p> <p>There is the requirement to undertake a hydrological risk assessment.</p> <p>Suitable mitigation measures should be implemented to prevent ingress of surface water runoff or sediment arising through construction activity to the surface water drains and rhynes. Construction activities should additionally take other ecological constraints/considerations into account and implement appropriate mitigation measures for the protection of ecological receptors. An emergency response plan might be required to document procedures should an incident occur.</p> <p>It is also recommended that during any geotechnical investigations consideration be given to undertaking contamination testing, sampling, monitoring to confirm the low to moderate risk rating.</p> <p>Before any site operations are carried out the site should be inspected by an individual experienced in the recognition of Japanese Knotweed. If Japanese Knotweed is found to be present, adequate precautions must be employed to prevent its spread, in particular along water courses during construction and demolition activities.</p>
Geotechnical assessment	<p>Geotechnical desk studies of site ground conditions were undertaken by LSTC during November 2012 and by Card Geotechnics during January 2010. The geotechnical desk study reports should be read for further site-specific information.</p> <p>A geotechnical assessment of ground conditions was not undertaken as part of the RSK's scope of work. However, a review of historic maps and the current proposed 400kV route alignment (revision G), indicates that two proposed towers (ZGA7 and ZGA8) on the Puriton Ridge may be located within or within close proximity to a former quarry. Historic maps indicate the presence of Cat's Quarry between 1886 and 1956 although the exact extent of quarry activity and site boundary is unclear. There may be the requirement to undertake further assessment to determine ground stability hazards at tower locations ZGA7 and ZGA8.</p> <p>There may be the requirement for intrusive ground works to collect appropriate data to support foundation and concrete design for towers and other structures located along the development route this should include an appropriate assessment to confirm ground stability issues associated with any compressible ground hazards owing to the presence of soft strata.</p> <p>There may be the requirement to undertake ground investigations to assist with concrete classification and design where foundations are proposed within the Blue Lias Formation bedrock.</p> <p>If there are drainage ditches that are culverted to allow access tracks to cross</p>

	these surface water features, an assessment of their condition is recommended prior to vehicle movement over them.
<i>The information given in this summary is necessarily incomplete and is provided for initial briefing purposes only. The summary must not be used as a substitute for the full text of the report.</i>	

1 INTRODUCTION

RSK Environment Limited (RSK) was commissioned by TEP Limited (TEP), on behalf of National Grid (NG), to produce a preliminary risk assessment (PRA) relating to the ground environment. This is in support of a preliminary environmental impact report (PEIR) and subsequent environmental statement (ES) relating to the proposed development of a grid connection between Hinkley Point C and Seabank substation.

The Proposed Development is to comprise the removal of an existing 132kV overhead line (OHL) between Bridgwater Substation and Avonmouth Substation, and the construction of a new 400kV connection, of approximately 54.4km length, between the proposed Hinkley Point C nuclear power facility and the existing Seabank Substation, using a combination of OHL and underground cables. The Proposed Development includes modifications to existing OHL infrastructure and the construction of new substations / compounds and ancillary work, as detailed within Section 1.1.

This report is subject to the RSK service constraints given in Appendix A.

1.1 Background

On 16 April 2013, the Secretary of State (SoS) received a scoping report submitted by NG (the Applicant) under Regulation 8 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2009 (SI2263) (as amended) (the EIA Regulations) in order to request a scoping opinion for the Proposed Development. The applicant notified the SoS under Regulation 6(1)(b) of the EIA Regulations that it proposes to provide an ES in respect of the Proposed Development. In accordance with Regulation 4(2)(a) of the EIA Regulations, the Proposed Development is determined to be EIA development.

The components of the development are summarised within Table 1.

Table 1: Proposed Development components

Proposed Development Component	Section(s)
<p>400kV Overhead Line</p> <p>Construction of a new 400kV overhead line of approximately 4.5km from the existing Hinkley to Bridgwater 275kV overhead line on Horsey Level (which would be uprated to 400kV operation) to the existing Hinkley to Melksham 400kV overhead line north of Woolavington.</p> <p>Construction of a new 400kV overhead line of approximately 12.75km from the existing Hinkley to Melksham 400kV overhead line north of Woolavington to a proposed CSE compound south of the Mendip Hills and the River Axe.</p>	A and B
<p>400kV Overhead Line</p> <p>Construction of a 400kV overhead line from the proposed Sandford Substation to Seabank Substation. In the Portishead/Portbury area two options are included within the Development Consent Order (DCO) application: National Grid's preferred route (Option A); and an alternative route (Option B). The total length of the preferred route is approximately 29.8km (Option A) and the alternative route is 31.2km (Option B).</p>	D, E, F and G
<p>Modifications to the Overhead Lines at Hinkley Point</p>	H
<p>CSE Compounds</p> <p>Two single circuit CSE compounds of approximately 34m by 30m are proposed on Horsey Level, north of Bridgwater.</p> <p>A double circuit CSE compound of approximately 65m by 40m is proposed adjacent and east of the M5 motorway to the south of the Mendip Hills and the River Axe.</p>	<p>A (Horsey Level)</p> <p>B (South of Mendip Hills)</p>
<p>400kV Underground Cables</p> <p>These comprise approximately 300m of underground cables between two single circuit CSE compounds on Horsey Level, north of Bridgwater and approximately 8.5km of underground cables between a CSE compound south of the Mendip Hills and the proposed Sandford Substation.</p>	<p>A (Horsey Level)</p> <p>B, C and D (between CSE compound and Sandford Substation)</p>

Proposed Development Component	Section(s)
Removal of Existing 132kV Overhead Lines <ul style="list-style-type: none"> Approximately 53.2km of the existing overhead line (F and G Route) between Bridgwater and Avonmouth substations. Approximately 8.7km of the existing overhead line (W Route) between Nailsea and Portishead Substation (to be replaced with 132kV underground cables). Approximately 1.1km of the existing overhead line (AT Route) to the south of Puxton. Approximately 400m of the existing overhead line (N Route) near Mead Lane, Sandford. A short section of the existing overhead line (BW Route) between Portishead and Avonmouth to achieve a crossing of electrical circuits (to be replaced with 132kV underground cables). Approximately 1.7km of existing overhead line (G Route) from the existing Avonmouth Substation northwards (to be replaced with 132kV underground cables). A short section of three existing 132kV overhead lines (G, DA and BW Routes) in the vicinity of Seabank Substation to achieve a crossing of electrical circuits (to be replaced with 132kV underground cables). 	<p>A, B, C, D, E, F and G (F and G Route)</p> <p>D, E and F (W Route)</p> <p>D (AT and N Route)</p> <p>F and G (BW Routes)</p> <p>G (G Route)</p> <p>G (G, DA and BW Routes at Seabank)</p>
Sandford Substation	D
Construction of 132kV Overhead Lines <p>132kV overhead line connections are required between the proposed Sandford Substation and the existing overhead lines feeding Weston-super-Mare (AT Route) (2.3km) and Churchill (N Route) (285m) and between Churchill Substation and an existing overhead line that currently passes by the substation (264m).</p>	D

Proposed Development Component	Section(s)
Construction of 132kV Underground Cables <ul style="list-style-type: none"> A short section of approximately 250m of underground cable (Y Route) to connect Churchill Substation with an existing overhead line that currently passes by the substation. Approximately 700m of underground cables (AT Route) in the vicinity of the proposed Sandford substation. Approximately 10km of underground cables (W Route) between Nailsea and Portishead Substation. Approximately 2.3km of underground cables (G Route) between the existing Avonmouth substation and just south of the Bristol to Avonmouth railway line. A short section of approximately 150m for Option A and 650m for Option B of underground cable (BW Route) to allow the 400kV overhead line to cross an existing 132kV overhead line to the north east of Portishead. Three short sections of underground cable (G, DA and BW Routes) of between 150m and 300m to allow the 400kV overhead line to cross three existing 132kV overhead lines in the vicinity of Seabank Substation. 	D (Y and AT Routes) D, E and F (W Route) F and G (BW Routes) G (G Route) G (G, DA and BW Routes at Seabank)
Seabank 400kV Substation Extension	G
Extensions/Modifications to Existing 132kV Substations Modifications are required to existing 132kV substations at Churchill, Portishead, Avonmouth and Seabank.	D (Churchill) F (Portishead) G (Avonmouth and Seabank)
Associated Works These include temporary masts and supports for overhead line construction, temporary and permanent access roads, modifications to the highway network and construction storage and working areas.	A, B, C, D, E, F, G and H

The proposed route for the new grid connection and associated work has been subdivided into nine sections. This report assesses the Proposed Development within Section A – Puriton Ridge, defined as the grid connection between the Bridgwater 275/132kV substation at the southern-most extent of the Proposed Development and the Puriton Ridge at the northern-most extent of Section A along the proposed route. The subsequent sections of the development are covered in separate standalone reports.

A summary of the proposed components within Section A - Puriton Ridge are as follows:

- Construction of a 400kV overhead line;
- Construction of two cable sealing end (CSE) compounds near Bridgwater (Horseley Level);
- Construction of 400kV underground cables between CSE compounds;
- The removal of the F Route 132kV overhead line;

- Works to construct a new 400kV Teed circuit at Horsey Level; and
- Temporary 400kV overhead line diversions.

Two previous ground investigation reports have been made available to RSK for review. The primary purpose of these investigations was to identify ground conditions for geotechnical purposes and to provide an unexploded ordnance (UXO) survey. A summary of these investigations is presented within Section 2.3.

1.2 Objective and aims

The objective of the work is to provide an indication of potential contamination issues and other ground related constraints at the site.

The aim of this work is to undertake an assessment of the site and surrounding area in terms of history, environmental setting and potential sources of contamination, from which an initial conceptual site model (ICSM) can be produced. This report and ICSM are to be utilised as a baseline technical report for the PEIR and ES.

1.3 Scope

The scope of the investigation and layout of this report has been designed with consideration of CLR11 (Environment Agency, 2004a), BS 10175: 2011 (BSI, 2011), and National Planning Policy Framework (DCLG, 2012), plus guidance on land contamination reports issued by the Environment Agency (2010a). A summary of relevant legislation is included in Appendix B.

The project was carried out to an agreed brief, as set out in RSK's proposal (reference 110574, dated March 2013). The scope of works for the environmental assessment included:

- a preliminary risk assessment (PRA), to include a review of existing reports (if available), geological, hydrogeological and hydrological information, a commercially available environmental database and historical plans, correspondence with regulatory authorities, and a site walkover; this information is used to develop an initial conceptual site model (ICSM) to consider any potentially complete pollutant linkages;
- a review of published geological data to assess ground stability;
- consultation with the following organisations:
 - Environment Agency (EA);
 - Sedgemoor District Council; and
 - Somerset County Council; and
- presentation of the baseline data in a standalone technical report, along with a PRA for the site, including an ICSM. It is intended that the PRA and ICSM will form the basis of an environmental statement chapter.

1.4 Existing reports

The following reports were made available to RSK for review:

- Branson, A., Key, S., Strange, J., and Pennock, J., 2010. *Seabank to Bridgwater and Avonmouth: Desk study and preliminary geotechnical risk rating report; CGN/2644*. Harrogate: Card Geotechnics Limited; and
- Triffitt, A.A. and Jones, M.R., 2012. *Hinkley Point – Seabank 400kV Overhead Line: Geotechnical Desk Top Study; LSTC/GI 244*. Issue A. Driffield: LS Transmission Consultancy Limited.

2 THE SITE

2.1 Site location and description

The Bridgwater 275/132kV substation is located close to Dunwear, Bridgwater approximately 1km south-east of Bridgwater, at National Grid reference 332298 135804, and is at the southern-most extent of the Proposed Development. The site is located off Westonzoyland Road (A372) and comprises two separate substation compounds. The 275kV substation is larger in extent and comprises electrical switch-gear, several pylons, ancillary buildings and is surrounded by an electrified metal palisade fence. The smaller 132kV substation is located closer to Westonzoyland Road and houses electrical switch-gear, a lay down area, ancillary buildings, a pylon and is surrounded by electrified metal palisade fencing.

The existing WPD 132kV OHL (F route) is orientated approximately north-north-east (NNE) to south-south-west (SSW) and proceeds from the Bridgwater 275/132kV substation, north towards the residential hamlets and villages of Slape Cross, Bawdrip, Knowle and Woolavington, at the northern-most extent of Section A - Puriton Ridge. The OHL crosses predominantly rural agricultural land comprising open, flat, low-lying fields until reaching the King's Sedgemoor Drain. These fields are approximately 6-8m above Ordnance Datum (aOD) and principally comprise fields used for animal grazing. These fields are typically surrounded by rhynes (drains), smaller drainage ditches and low hedgerows. Between the Bridgwater 275/132kV substation and Slape Cross (NG reference 332743 137982), the existing F route proceeds approximately parallel to an existing 275kV OHL.

From the King's Sedgemoor Drain at Knowle (NG reference 334021 139259), the OHL ascends gently to approximately 50m aOD towards the Puriton Ridge at Woolavington. The OHL crosses predominantly agricultural fields used variably for arable farming and animal grazing.

The proposed new 400kV OHL would commence at tower VQ043R and connect into the existing 275kV OHL at approximate NG reference 331777 139725 on Horsey Levels at Horsey, Bridgwater. The OHL would proceed at an orientation of north-east (NE) to south-west (SW) from Horsey, north towards the Puriton Ridge at Woolavington. Between Horsey and the King's Sedgemoor Drain, the OHL would cross flat, low-lying fields, bounded by drains and rhynes with the land predominantly used for animal grazing. Four towers (VQ043R, ZGA1 to ZGA3) would be located between the tee connection with the existing 275kV OHL and the King's Sedgemoor Drain.

North of the King's Sedgemoor Drain, the proposed 400kV OHL would proceed gently up-gradient to approximately 50m aOD at Woolavington on the Puriton Ridge. This section of the OHL would comprise five towers (ZGA4 to ZGA8), crossing predominantly agricultural land used for both arable farming and animal grazing.

Ancillary work consisting of a temporary underground connection between the proposed 400kV OHL and the existing 275kV OHL; and a temporary 132kV OHL is proposed at Horsey, Bridgwater (NG reference 331777 139725). This area comprises a series of drainage ditch bounded fields used for animal grazing and is located on the Horsey Levels.

A number of temporary and permanent access tracks would be constructed to access the tower locations.

The general land use within both the existing and proposed route corridors consists of low-lying flat open agricultural land used for animal grazing. A complex system of interconnected drainage ditches and rhynes is located within this area. The topography rises gently up from approximately 6-8m aOD on the Horsey Levels and Bawdrip Levels to approximately 50m aOD on the Puriton Ridge. On the ridge a mixture of arable farming and animal grazing is prevalent. The route corridor passed close to residential communities dominated by farmsteads at Slape Cross, Bradney and Knowle. The larger residential villages of Bawdrip and Woolavington are also located along the route corridor.

The primary surface water features within Section A - Puriton Ridge along the route corridor include the King's Sedgemoor Drain, Park Wall Rhyne, Horsey Rhyne and the Bath Road Rhyne.

A site location plan is presented as Figure 1 and the proposed redline boundary is presented as Figure 2.

2.2 Existing reports

2.2.1 Card Geotechnics Ltd, January 2010

The report presents a desk study and preliminary geotechnical risk rating for the proposed 400kV OHL between the Bridgwater 275/132kV substation and the Seabank 400/275kV substation. The report also includes an unexploded ordnance (UXO) desk study for the entire route corridor. It is noted that the current route alignment has been adjusted since the production of the Card report, 2010. The report includes the whole length of the proposed grid connection as proposed in 2010.

The key findings of the report are summarised below, however, they cover the whole length of the grid connection route. Where feasible, pertinent features relating to Section A - Puriton Ridge have been highlighted within the summary below:

- The existing F route was constructed over a phased programme between the 1950s and 1970s, with some additions during the 1980s;
- In general, either Estuarine Alluvium or Tidal Flat Deposits are noted to underlie most of the proposed towers. Localised deposits of the Burtle Beds, Peat, Head

Deposits, Alluvium, Higher Estuarine Alluvium and First and Second River Terrace Deposits are located along the route corridor;

- Made Ground or worked ground is predominantly located within the Avonmouth area along the route corridor, however may be located along the M5 motorway or railway lines and other road infrastructure;
- Soft ground, peat and potentially aggressive ground conditions have been identified along the route at a number of tower locations;
- The solid geology south of the Mendips is dominated by the Triassic Mercia Mudstone Group (MMG), which has a thickness of up to 350m. Within the southern most sections of the route corridor, the solid geology was identified as the Lower Lias or Blue Lias Formations. Through the Mendips, the bedrock comprises steeply dipping Carboniferous age rocks including the Upper and Lower Coal Measures and the Pembroke Limestone Group. Within the Nailsea area the bedrock comprises the Pennant Sandstone Formation and through the Tickenham Ridge section the bedrock comprises the Pembroke Limestone Group. From Portishead to Avonmouth, bedrock comprises the MMG;
- Several geological faults are identified along the route corridor. Within the southern section of the route there is a slight syncline within the rock strata and a series of faults where the Lower and Blue Lias Formation overlies the gently dipping MMG. A significant, however unnamed fault is located in the vicinity of Biddisham, dipping to the south-west and trending east-west. Faulting intensity increases within the northern part of the route corridor, especially within the coal measures;
- Within the Nailsea area, the route corridor passed over coal bearing strata. Recorded coal workings are located within 250m of some proposed towers within this area;
- Several small quarries and gravel pits are located along the route corridor and several historic landfills, are predominantly located within the Avonmouth area;
- A full UXO desk study was undertaken on behalf of Card Geotechnics by BAE systems. The report identified five former explosives/munitions factories along the route, dating back to World War I (WWI) at Avonmouth, Henbury, Portishead, Chittening and Bridgwater. Several World war II (WWII) defence structures including pill boxes and heavy anti-aircraft (HAA) batteries were identified in the vicinity of the route corridor, although these have been dismantled. The majority of the route corridor comprised a low density population area and as such had a very low aerial bombing density. Within the City Borough of Bristol (including Avonmouth) the bombing density of 6e HE/100ha, a relatively high frequency was identified. The report states that the typical maximum depth of German air-dropped UXO within the tidal flat deposits within Avonmouth is likely to be in the order of 10m below ground level (bgl).

- The risk of encountering contamination or explosive devices from munitions factories or buried UXO is low as the surrounding land use is rural or has been extensively developed (Portishead/Avonmouth area's) and any residues are likely to have degraded and dispersed in the intervening time;
- The report recommends that where ground work is to be undertaken in close proximity to munitions factories at Bridgwater, Avonmouth and Henbury, that soil samples should be sent for laboratory analysis to check for the presence of contamination. Where ground work is to be undertaken close to any HAA sites at Bridgwater and Avonmouth, site operatives should be made aware of the potential of encountering munitions; and
- The report provides generic geotechnical recommendations for foundation design.

A copy of the report is presented within Appendix G.

2.2.2 LSTC Ltd, November 2012

The report provides an assessment of anticipated ground conditions based on a geotechnical desk study, historic borehole logs and historic maps to make recommendations for preliminary ground investigations, from which preliminary tower foundations can be designed.

It is noted that the current route alignment has been adjusted since the production of the LSTC report, 2012. The report includes the whole length of the proposed grid connection as proposed in 2012.

The key findings of the report are summarised, however cover the whole length of the grid connection route. Where feasible, pertinent features relating to Section A - Puriton Ridge have been highlighted within the summary below:

- The geological mapping for the route corridor indicates the potential for weak ground bearing properties at tower locations for the majority of locations and piled foundations would be anticipated;
- Cone penetration tests (CPT's) were recommended as an effective investigation methodology to provide geotechnical parameters. Rotary boreholes should be drilled to confirm CPT results and monitoring wells installed to monitor groundwater levels;
- The report identifies both the superficial and bedrock geology beneath the route corridor;
- The Avonmouth and Nailsea coal fields are located within the northern section of the route. Mining activity may have been undertaken and further investigation was recommended;
- The report summarises the findings of the previous Card Geotechnics, 2010, investigations including the UXO desk study; and

- The report makes generic recommendations for ground investigation techniques to allow geotechnical parameters to be collected.

A copy of the report is presented within Appendix G.

3 PRELIMINARY RISK ASSESSMENT (PRA)

3.1 Site walkover

A preliminary site visit was undertaken on 4 June 2013. Photographs of the study site and surrounds are provided in Appendix C. A description of the site and potentially significant environmental and geotechnical issues arising from the survey are summarised below.

3.1.1 Site description

Bridgwater 275/132kV Substation to King's Sedgemoor Drain

The substation is accessed via an undesignated lane from Westonzoyland Road (A372) close to Dunwear, Bridgwater. The substation is sub-divided into two compounds separated by agricultural fields and hedgerow with mature trees. The larger of the two compounds comprises the 275kV substation which houses electrical switch-gear, pylons, generators and ancillary buildings. Surface cover within the compound comprises asphalt access tracks and areas of shingle gravel. The site is surrounded by an electrified metal palisade fence. The surrounding land use comprises agricultural fields used for both arable farming and animal grazing. These fields are bounded by drainage ditches and wooded hedgerow. An existing WPD 132kV OHL enters the compound from the south-eastern corner and a second WPD 132kV OHL leaves the compound along the western boundary, proceeding towards Bridgwater.

Located 100m north-east is a second 132kV substation. This compound houses electrical switch-gear, pylons, and ancillary buildings. The access tracks are asphalt and areas of shingle gravel are present. The site is surrounded by electrified metal palisade fencing. The land surrounding the site comprises agricultural fields used for arable and animal grazing and open areas with hedgerow and mature trees. Westonzoyland Road is located 20m north-east of the site. A residential property, named Half Way Bridge is located immediately north of the substation and comprises a two storey stone built property with an extension.

The existing WPD F route that is to be removed, enters the 275kV substation in the north-eastern corner. The OHL proceeds NNE across agricultural fields, drainage ditches, rhynes and hedgerow towards Slape Cross. This hamlet comprises residential properties and farms with associated out buildings. The OHL proceeds NNE across agricultural fields and Manor Farm at Bradney, towards the King's Sedgemoor Drain and the hamlet of Knowle. A sewage works and depot is located approximately 200m east of the OHL at NG reference 333888 139285.

The OHL crosses flat low-lying open fields at between 6-8m aOD from the Bridgwater 275-132kV Substation to the King's Sedgemoor Drain. This area is predominantly used as animal grazing.

The proposed 400kV OHL commences on the Horsey Levels at Horsey, Bridgwater at NG reference 331777 139725. An existing 275kV OHL trends east to south-west. The proposed tee between the proposed 400kV OHL and the existing 275kV OHL is located approximately 400m west of Manor Farm, Horsey. Four proposed towers (VQ043R, ZGA1-ZGA3) will be located on Horsey Levels, which comprises low-lying agricultural fields with drainage ditches. The OHL crosses the Bath Road Rhyne and King's Sedgemoor Drain, trending NNE. A deserted medieval village is indicated close to the proposed tee connection.

King's Sedgemoor Drain to Puriton Ridge (southern Woolavington)

The local topography slopes gently up from the northern bank of the King's Sedgemoor Drain to the Puriton Ridge, which is at approximately 50m aOD and trends approximately east to west. The existing F route proceeds NNE and crosses Knowle, close to Bawdrip, which comprises residential properties and farms with associated buildings. The OHL passed east of Knowle Hill across open fields predominantly used for arable farming with small wooded areas. The crest of Puriton Ridge is approximately parallel with Ritham Lane, beyond which the topography slopes gently down towards the north and Woolavington village centre.

The proposed 400kV OHL crosses the King's Sedgemoor Drain at National Grid reference 332549 140425 and rises gently with the topography across Puriton Hill Road (A 39) in a NNE direction. The proposed OHL passes immediately east of Home Covert (woodlands) towards the crest of the Puriton Ridge. North of the crest, the proposed OHL trends NE towards Hillside Farm at Woolavington. The OHL crossed agricultural fields predominately used for arable farming.

A reservoir complex consisting of several covered storage reservoirs and a pumping house is located between the proposed 400kV OHL and the existing 132kV line along the crest of the Puriton Ridge.

3.1.2 Japanese Knotweed

Japanese knotweed is a non-native, highly invasive species and spreads via rhizomes (underground 'stems') rather than seeds in the UK. It is found in a range of habitats across the UK including roadsides, riverbanks and derelict land.

The initial site walkover did not identify Japanese Knotweed on the parts of the site visited. However, this inspection was not undertaken by a Japanese Knotweed expert. It is therefore recommended that before any site operations are carried out the site is inspected by an individual experienced in the recognition of Japanese Knotweed. If Japanese Knotweed is found to be present, adequate precautions must be employed to

prevent its spread, in particular along water courses during construction and demolition activities.

3.1.3 Off site issues

The local topography rises from approximately 6-8m aOD on the Horsey Levels and the Bawdrip Levels between the Bridgwater 275/132kV substation and the King's Sedgemoor Drain to approximately 50m aOD at the crest of the Puriton Ridge. The topography slopes gently up towards the north between the King's Sedgemoor drain and the ridge. The low lying areas are crossed by numerous interconnected drainage ditches and rhynes (surface water features).

3.1.4 On site geotechnical issues

Both the existing F route and the proposed 400kV OHL are located on flat, low-lying land with numerous interconnected drainage ditches and rhynes bordering field margins. These low-lying fields may be water logged or partly flooded during prolonged rainfall or during spring, autumn and winter seasons. In addition, there may be areas that are waterlogged or partly flooded during 'normal' weather conditions. The drainage ditches can be wide and deep, although the water flow rate is typically low.

There is the potential for weak ground bearing properties where Alluvium or Tidal Flat Deposits are present at existing and proposed tower locations and along access tracks. In addition, there is the potential for peat deposits and compressible ground stability hazards.

Many drainage ditches and rhynes are culverted to allow access tracks to cross these surface water features. These may be old or in general disrepair. Assessment of their condition may be required prior to vehicle movement over them.

3.2 Ground conditions

3.2.1 Geology

Published records (British Geological Survey) for the area indicated the geology of the site to be characterised by the succession recorded in Table 2.

Table 2: Geology within Section A - Puriton Ridge

Geological unit	Description	Estimated thickness (m)
Superficial geology	<p>Superficial deposits are shown to underlie the majority of both the proposed 400kV OHL and existing F route. These include:</p> <p>Alluvium: comprising clay, silt, sand and gravel described as soft to firm consolidated, compressible silty clay but can include layers of silt, sand, peat and basal gravel. A stronger desiccated surface zone may be present. These deposits are principally located along the southern-most part of the route between Bridgwater 275/132kV substation and Slape Cross and around the King's Sedgemoor Drain</p> <p>Burtle Formation: comprising sand and gravel. The sands are fine-grained and quartzose, with beds of comminuted shell. The gravels, which are composed of Chalk flint, quartz, sandstone, cherts, rounded lumps of red, green and grey Triassic mudstones and Liassic fossils, are marine in origin with a few interbedded palaeosols and freshwater sands. The deposits form low mounds protruding through the surface of the Holocene silts and clays of the Somerset Levels Formation. These deposits are principally located around Slape Cross and Bawdrip, however do not extend north as far as the King's Sedgemoor Drain.</p> <p>Tidal Flat Deposits: comprising clay, silt and sand. These are described as consolidated soft silty clay, with layers of sand, gravel and peat. These are predominately located on the Horsey Levels beneath the proposed 400kV OHL.</p> <p>Superficial deposits are generally absent on the Puriton Ridge.</p>	Several meters
Bedrock	<p>The majority of the low-lying areas between Bridgwater 275/132kV substation and the Puriton Ridge are underlain by the Mercia Mudstone Group (MMG) comprising mudstone. The formation typically comprises pale green-grey, dolomitic silty mudstones and siltstones with thin arenaceous lenses and a few thin, commonly discontinuous beds of hard, dolomitic, pale yellowish-grey, porcellanous mudstone and siltstone.</p> <p>The Blue Anchor Formation comprising mudstones is located north of the King's Sedgemoor Drain and trends east to west. The formation typically comprises pale green-grey, dolomitic silty mudstones and siltstones with thin arenaceous lenses and a few thin, commonly discontinuous beds of hard, dolomitic, pale yellowish-grey, porcellanous mudstone and siltstone.</p> <p>The Westbury Formation and Cothan Member comprising interbedded limestone and mudstone.</p> <p>The Puriton Ridge comprises the Langport Member, Blue Lias Formation and Charmouth Mudstone Formation consisting of undifferentiated mudstones and limestone.</p>	Up to 350m thickness

Geological unit	Description	Estimated thickness (m)
Source: British Geological Survey website: http://mapapps.bgs.ac.uk/geologyofbritain/home.html		

Made or artificial ground is not indicated on the geological mapping included with the environmental database report for the route or within 50m of the route alignment. It is noted however that several former quarries are located along the route including close to existing towers of the F route on the Puriton Ridge.

A geological fault is identified at the base of the Puriton Ridge. The fault trends east to west between proposed tower locations ZGA3 and ZGA4.

A summary of the geology is presented on Figure 3.

3.2.2 British Geological Survey (BGS) borehole records

The previous geotechnical desk study reports identified a comprehensive list of BGS borehole records for the general vicinity of the Proposed Development corridor. Please refer to the relevant reports for further details on available BGS records.

A brief review of these BGS records indicates that the published geology along the Proposed Development corridor corresponds with ground conditions encountered during historic ground investigations.

Copies of the previous geotechnical desk study reports are presented within Appendix G.

3.2.3 Soils

Reference has been made to the National Soils Resources Institute at the Cranfield University for data on soil types present within the section using <https://www.landis.org.uk/soilscapes/>.

The majority of Section A - is underlain by soils comprising naturally wet loamy and clayey soils of the coastal flats. On the southern side of the Puriton Ridge they comprise slightly acid loamy and clayey soils with impeded drainage. The majority of the Puritan ridge is underlain by shallow lime rich soils over limestone.

3.2.4 Designated geological sites

Evidence has been sought to identify any designated geological sites in the vicinity of the site. The sources of information referenced in this element of the desk study include:

- environmental database report (SSSI's);
- the Joint Nature Conservation Committee (JNCC) (<http://jncc.defra.gov.uk/default.aspx?page=4177&authority=UKK12>) for details of Geological Conservation Review reports; and
- the European Geoparks Network (<http://www.europeangeoparks.org/>) for details of European Designated Geoparks

No geologically related SSSIs were identified within the environmental database report. The site does not lie within a designated European Geopark, and there were no records within the JNCC database that relate to the site or the immediately surrounding area.

3.2.5 Radon

The environmental database report indicates that the proposed routes between Slape Cross and the Puritan Ridge is located within an 'Affected Area' as defined by the Documents of the National Radiological Protection Board (Radon Atlas of England and Wales, NRPB-W26-2002). The report states that 'full radon protection measures are necessary in the construction of new dwellings or extensions.

Areas south of Slape Cross are defined as not being within an 'Affected Area' as defined by the Documents of the National Radiological Protection Board (Radon Atlas of England and Wales, NRPB-W26-2002). The report states that 'no radon protection measures are necessary in the construction of new dwellings or extensions.

3.2.6 Mining and quarrying

Evidence has been sought to identify any mining and quarrying operations, past and present, which have taken place in the vicinity of the site. The sources of information referenced in this element of the desk study include:

- environmental database report

No shallow mining hazards are recorded within the environmental database within the immediate vicinity of the Proposed Development boundary.

The site is not located within an area likely to be influenced by coal mining activities. The site is not located within a brine compensation area.

Several historic quarries are identified on the Puriton Ridge. The mined commodity is not specified. Many of these quarries date from prior to 1884 until circa 1950s. Cat's Quarry on the Puriton Ridge is potentially located beneath the proposed 400kV OHL, specifically at tower locations ZGA7 and ZGA8.

A number of small ponds have been identified within the wider area that have been potentially infilled. None are identified beneath proposed tower locations based on a review of historic maps.

Smaller quarries are located within 250m of the development. A small historic quarry and a slurry pit is located close to an existing F route tower at Three Batch Corner on Puriton Ridge.

A tank of unspecified use is recorded at Fisher's Farm, close to Chedzoy. The tank is located close to a proposed access track to a tower location for the existing F route.

A slurry pit is located at Three Corner Batch on Puriton Ridge along the existing F route.

3.2.7 Designated mineral extraction sites

To determine whether sites with current or future mineral value are located in close proximity to the development corridor, a review of information available on the BGS website relating to designated mineral safeguard areas (MSA's) within Somerset was undertaken. No MSA's are located along the Proposed Development. A review of planning application for mineral purposes was also undertaken. This included the review of any recorded valid or expired planning permissions for both surface and underground mineral extraction activities as recorded by the Mineral Planning Authority. This data specifically relates to planning permissions dated as of 1 October 2004 and includes information on the mineral resource extracted.

Key features within Section A - Puriton Ridge are summarised below, although it should be noted that there are additional sites within the wider regional area that are considered to have a lower impact on the development corridor:

- Dunwear Works (South). Located south of the Bridgwater 275/132kV substation at Dunwear. This site comprised surface extraction of clay and/or shale and is recorded as inactive (including yet to be worked), worked-out and/or restored site;
- Bath Road site. Located close to the road junction of Horsey Lane and Bath Road (A39) at approximate NG reference 332137 138861, and located 830m south-east of the proposed tee between an existing 275kV OHL and the proposed 400kV OHL on the Horsey Levels. This site included the surface extraction of clay and/or shale. The site is recorded as inactive (including yet to be worked), worked-out and/or restored site; and
- Fourteen Acre site. Located on the Puriton Ridge between Puriton in the west and Woolavington in the east. The designated area's northern boundary adjoins Woolavington Road, that trends west to east across the Puriton Ridge. The site is included for the surface extraction of limestone and clay and/or shale. The site is recorded as inactive (including yet to be worked), worked-out and/or restored site. This designated site includes several historic quarries on the Puriton Ridge as discussed further in Section 3.5. The proposed 400kV OHL passes through the eastern-most part of this designated area however the existing F route falls outside of the designated area.

A copy of the Mineral Resource Map can be viewed at <http://www.bgs.ac.uk/mineralsuk/planning/resource.html#MRM>.

3.2.8 Ground stability hazards

Evidence has been sought to identify any potential ground stability hazards on or in the immediate vicinity of the site. The sources of information referenced in this element of the desk study include:

- environmental database report

Table 3: Ground stability hazards

Hazard	Hazard Potential on Site
Collapsible Ground	Very low hazard
Compressible Ground	Moderate hazard
Ground Dissolution	Null to negligible hazard
Landslide	Low to moderate hazard
Running Sand	Moderate hazard
Shrinking or Swelling Clay	Very low hazard

Potential ground stability hazards arising from landslide are classed as moderate within the vicinity of Puriton Ridge.

Potential ground stability hazards arising from compressible ground are classed as moderate on the flat-low lying areas. This is owing to the nature of the superficial deposits including the potential for peat deposits.

There are no recorded natural cavities or man-made cavities within the site boundary.

3.2.9 Landfilling and land reclamation

Evidence has been sought to identify any landfilling or land reclamation operations, past and present, which have taken place in the vicinity of the site. The sources of information referenced in this element of the desk study include:

- environmental database report

No operational landfills are recorded within 1,000m of the site.

There are several historic landfills located within the vicinity of the site. These include:

- Former ponds off Westonzoyland Road, located within 250m of the Bridgwater 275/132kV Substation at NG reference 332300 136100. The ponds were backfilled with inert waste;
- East Bower, M5 motorway, Bridgwater at NG reference 332300 136900, located 1,000m west. Inert and non-hazardous waste is recorded to have been deposited;
- A site close to the M5 motorway, at NG reference 332000 136400, located 450m west. Inert waste is recorded to have been deposited; and
- A landfill at a disused former quarry east of Puriton Park on the Puriton Ridge. Located within 400m of the proposed 400kV OHL. Deposited waste included inert and household.

The above landfills located within 1,000m of the site are considered low risk owing to the nature of recorded deposited wastes. Risks to the development are considered low. No works are proposed in the immediate vicinity of these historic landfills.

There are additional landfills greater than 1,000m from the site. These are considered lower risk given the distance from the site.

There are no registered licensed waste sites within 500m of the development.

3.2.10 Ground gas

Given the anticipated ground conditions the risk associated with ground gas (methane and carbon dioxide) is considered low to moderate in accordance with CIRIA C665 (Wilson et al., 2007). It is noted that peat deposits may be present within superficial Alluvial deposits.

3.3 Hydrogeology

3.3.1 Aquifer characteristics

The groundwater flow is expected to follow the topography and flow generally towards surface water features such as the King's Sedgemoor Drain and other smaller surface water courses.

3.3.2 Vulnerability of groundwater resources

The superficial deposits are variably classified as a secondary A aquifer where Alluvium or the Burtle Formation are recorded. This principally relates to areas between the Bridgwater 275/132kV substation and Slape Cross and in the vicinity of the King's Sedgemoor Drain and beneath the majority of the existing F route. Superficial deposits comprising Tidal Flat Deposits are designated as a secondary undifferentiated aquifer. This is predominantly located on the Horsey Levels and beneath the proposed 400kV OHL on low-lying ground.

The Triassic bedrock comprising the MMG beneath the site has been classified by the EA as a secondary B aquifer:

- secondary B aquifer: permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.

The Blue Lias Formation, Langport Member and Charmouth Mudstone on the Puriton Ridge are designated secondary A aquifers.

- secondary A aquifer: permeable layers capable of supporting water supplies at a local level rather than strategic scale, and in some cases forming an imported source of base flow to rivers.

3.3.3 Risk from rising groundwater levels

Rising groundwater levels can result in flooding if not properly controlled. In certain areas groundwater levels are rising owing to reduced groundwater abstraction by industry.

The environmental database indicates that the low-lying areas between the Bridgwater 275/132kV substation and the base of the Puriton Ridge at King's Sedgemoor Drain and Knowle has a very high susceptibility for groundwater flooding with a moderate to high confidence rating for the data.

The Puriton Ridge has a low susceptibility for groundwater flooding.

3.3.4 Licensed groundwater abstraction

There are approximately 21 groundwater abstractions within 1,000m of the development route. All of the groundwater abstractions relate to general farming and domestic use at farms. No potable water abstractions are noted within 1,000m of the development area.

In terms of aquifer protection, the EA generally adopts a three-fold classification of source protection zones (SPZ) for public supply abstraction wells.

- zone 1 or 'inner protection zone' is located immediately adjacent to the groundwater source and is based on a 50-day travel time. It is designed to protect against the effects of human activity and biological/chemical contaminants that may have an immediate effect on the source;
- zone 2 or 'outer protection zone' is defined by a 400-day travel time to the source. The travel time is designed to provide delay and attenuation of slowly degrading pollutants; and
- zone 3 or 'total catchment' is the total area needed to support removal of water from the borehole, and to support any discharge from the borehole.

Information available on the EA website indicates that the site does not lie within a currently designated groundwater SPZ.

3.4 Hydrology

This is commented on in brief in the following sub-sections as the hydrology of the site will be dealt with in a separate technical report.

3.4.1 Surface watercourses

There are numerous interconnected small surface water courses, drainage ditches and rhynes within the low-lying flat areas between Bridgwater 275/132kV substation and the Puriton Ridge.

The primary surface water features within Section A - Puriton Ridge along the route corridor include the King's Sedgemoor Drain, Park Wall Rhyne, Horsey Rhyne and the Bath Road Rhyne.

Several pollution incidents to controlled waters are recorded within 250m of the Proposed Development corridor. These are unlikely to significantly impact the development. A single pollution incident is recorded to have occurred on Puriton Ridge, close to the existing F route at Three Batch Corner. The incident occurred during 2002 and was classed as a minor incident to land. The waste is unspecified. It is considered unlikely that the incident will significantly impact the removal of the F route.

The environmental database indicates that the biological water quality within the interconnected drainage network is generally very good to excellent (grade A-B, however the chemical quality typically ranged between poor to moderate (E-D).

3.4.2 Surface water abstractions

There are 11 surface water abstractions within 1,000m of the development corridor. The principal surface water source for these abstractions is the King's Sedgemoor Drain. The specified uses for the abstractions includes spray irrigation, evaporative and general cooling.

No potable water abstractions are noted within 1,000m of the development area.

3.4.3 Site drainage

The development area predominantly comprises agricultural fields which drain into an interconnected drainage and rhyne system.

3.4.4 Preliminary flood risk assessment

The majority of the existing F route and proposed 400kV OHL is located within a zone 2 and zone 3 flood risk area. This correlates with the route between the Bridgwater 275/132kV substation and the base of the Puriton Ridge at King's Sedgemoor Drain and Knowle. The Puriton Ridge is not shown to fall within an area prone to flooding.

Zone 2 flood areas estimate the annual probability of flooding as one in one thousand (0.1%) or greater from rivers and sea but less than 1% from rivers and 0.5% from the sea.

Zone 3 flood areas estimate the annual probability of flooding as one in one hundred (1%) or greater from rivers and one in two hundred (0.5%) or greater from the sea.

No flood defences are shown within the Section A - Puriton Ridge area.

3.5 History of site and surrounding area

The history of the land-use and development of the site and surrounding area has been assessed based on the following sources:

- historical maps within the environmental database from 1884 to 2012.

Copies of OS and County Series maps are included in the environmental database report in Appendix E. Reference to historical maps provides invaluable information regarding the land use history of the site, but historical evidence may be incomplete for the period pre-dating the first edition and between successive maps.

The development history of the site and surrounding area from the above sources is summarised below:

1880s: Both the proposed 400kV OHL and the existing F route are located within a predominantly agricultural setting consisting of fields with hedgerow and bounded by drainage ditches and rhynes. Isolated farms with associated buildings are located in the general vicinity of both routes with Manor Farm at Bradney and Knowle Manor at Knowle, particularly close to the existing 132vK OHL. The proposed 400kV OHL crosses Withy Pool at NG reference 332270 140144, north of Horsey on the Horsey Levels. A rifle range was present at a distance greater than 250m from the proposed OHL route. The proposed 400kV OHL is shown to cross an area marked as Cats Quarry, shown as to be a wooded area, located approximately at NG reference 333696 141350. A second quarry called Shorthedge Quarry is located approximately 250m west of the proposed 400kV OHL at NG reference 332714 141270 close to Puriton.

1900s: Clay pits are shown close to the Bridgwater 275/132kV substation off Westonzoyland Road at Dunwear House, NG reference 332327 136241. Several quarries are shown to be located within 250m of the proposed 400kV OHL on the Puriton Ridge including Fourteen Acre quarry and several unnamed quarries. The existing F route crosses a railway line at the King's Sedgemoor Drain and Knowle at NG reference 333598 139597. Old quarries are shown at Knowle Hill within 250m of the existing F route. A further old quarry is shown along the route of the existing F route, south of Three Corner Batch on Puriton Ridge at NG reference 333752 140369. This quarry is located close to an existing tower location.

1920s: No other significant changes are evident.

1930s: Some of the old quarries shown within 250m of the 400kV OHL for maps dated during the 1900s maps are no longer shown. No other significant changes are evident.

1950s: The existing F route is shown in its current position. Additional earth works are evident along the King's Sedgemoor Drain, presumably associated with flood defence works.

1960s: The Bridgewater 132kV substation is shown with an associated OHL grid connection network, however its layout is different to the current layout.

1970s: The 275kV substation compound is present with the current OHL grid connection network layout. M5 motorway is shown west of the site at Horsey, Bridgewater. Quarries on Puriton Ridge are shown as disused and Fourteen Acre Quarry has been redeveloped for residential housing. Reservoirs (covered) are shown on Puriton Ridge between the proposed 400kV OHL and existing F route, within Knowle Park.

1980s: No other significant changes are evident.

1990s: No other significant changes are evident.

2010s: The clay pits are shown as ponds. A works is shown close to the proposed 400kV OHL where the line crosses Woolavington Road, in Puriton at NG reference 333762 141579. This corresponds with an automotive repair, salvage and restoration business.

The site historic land use for along both the existing F route and the proposed 400kV OHL has predominantly consisted of rural undeveloped agricultural fields with interconnected drainage ditches and rhynes. Several farms and associated buildings are located close to either OHL routes. Several quarries were located within 250m of the proposed 400kV OHL and the existing F route.

The proposed 400kV OHL crosses the historic Cats Quarry on Puriton Ridge and tower locations ZGA7 and ZGA8 fall within or very close to the quarry boundaries. It should be noted that the exact quarry boundaries may not be accurately shown on historic the maps. A further old quarry is shown close to an existing tower location along the F route, south of Tree Corner Batch on Puriton Ridge.

The abandoned medieval village on the Horsey Levels is designated a historic monument.

Several historic and current small ponds/surface water features such as Withy Pool have been identified along the proposed 400kV OHL.

An automotive salvage and repair business is located off Woolavington Road on the Puriton Ridge, close to the proposed 400kV OHL. However no other historic sources of potentially significant contamination have been identified within Section A - Puriton Ridge.

3.6 Sensitive land uses

A local nature reserve is located 650m south-west of the Bridgwater 275/132kV substation. The Somerset Levels at a distance of 2,000m east of the Bridgwater 275/132kV Substation and 1,175m south-east of Knowle are designated an environmentally sensitive area.

The route of both the proposed 400kV OHL and the existing F route cross predominantly rural agricultural fields. There may be the requirement to undertake ecological surveys.

3.7 Licences and permissions

The Bridgwater 275/132kV substation has a discharge consent for site drainage. The consent was revoked on 8 November 2010. There are numerous discharge consents in the general vicinity of the Proposed Development. These are typically associated with farms and generally discharge to field drains and rhynes or soakaways. These are unlikely to significantly impact the development.

There are no ICP authorisations, IPPC authorised, COMAH and NIHA sites, water industry referral sites, red list discharge consents, dangerous substance inventory sites, Part B activities, Category 3 and 4 radioactive substance licenses, or planning of hazardous substance consents located within 250m of the development corridor within Section A - Puriton Ridge.

There are no identified contaminated land part 2A sites recorded within 250m of the Proposed Development.

3.7.1 Local trade entries

The area is predominantly populated with farms and their associated activities. A haulage company is located on the Puriton Ridge at Hillside Farm, Woolavington and an automotive repair/salvage firm is located off Woolavington Road at East Farm, Woolavington. Both are in close proximity to the Proposed Development works.

There are no petrol station sites within 500m of the Proposed Development recorded within the environmental database.

There are no recorded below ground high-pressure oil/gas pipelines recorded within the environmental database.

3.8 Third party enquiries

The following third parties were contacted and requested to provide information pertaining to the site:

- Environment Agency, National Customer Contact Centre, PO Box 544, Rotherham, S60 1BY; and
- Sedgemoor District Council.

Correspondence from Sedgemoor Council included the following information:

- Sedgemoor council indicated that details on mineral extraction sites would be best answered by Somerset County Council;
- The council indicated that details on waste sites would be best answered by the EA; and
- The council indicated that there are no Part II A sites on the council's relevant maps. The council's records do not indicate that sites with known contamination are located along the route corridor with the exception of the BAE Systems site on the Puriton Ridge. The council indicated that "this site is currently being decommissioned and some contamination has been found to be present and a remediation strategy is to be implemented at the site over a period of years. The reports are not attached due to their size however they are publically available on the council's planning website at the following link. [http://www.sedgemoor.gov.uk/planning%20online/\(S\(jssdbbvppkhmcee2lwd2ms45\)\)/enl.aspx](http://www.sedgemoor.gov.uk/planning%20online/(S(jssdbbvppkhmcee2lwd2ms45))/enl.aspx). The planning application number is 42/11/00017".

Correspondence from Sedgemoor Council included the following information:

- The Ea note that the Royal Ordnance Factory on the Puriton Ridge has had a long history that may have resulted in land and groundwater contamination; and
- The EA recommend that the PRA and EIA considers historic land use and potential contamination risks on a site by site basis.

Copies of correspondence received at the time of writing the report are presented in Appendix F.

3.9 Initial conceptual model

The information presented in Sections 2 and 3.1 to 3.8 has been used to compile an initial conceptual model (ISCM). The identified potential sources of contamination, associated contaminants and receptors have been considered with plausible pathways that may link them. The resulting potential pollutant linkages are considered in Section 3.9.5. The risk classification has been estimated in accordance with information in Appendix D.

3.9.1 Summary of potential contaminant sources

Potential sources and contaminants of concern are summarised in Table 3.

Table 4: Potential sources and types of contamination

Potential sources	Contaminants of concern
On-site historical and present day	
General made ground (if present)	Potential made ground (including heavy metals, polycyclic aromatic hydrocarbons (PAH), total petroleum hydrocarbons (TPH), polychlorinated biphenyls (PCB), asbestos, herbicides and pesticides
Infilled ponds and quarries	
Minor hydrocarbon spills from farming equipment and tanks at farms	
PCBs associated with the Bridgwater 275/132kV sub-station and other electrical equipment	
Herbicides and pesticides associated with the agricultural use	
Peat deposits	Ground gases including carbon dioxide and methane
Off-site	
Sewage treatment works – 320m distance Former railway sidings – crosses beneath proposed and existing development Depots – 350m distance Rifle range – within 500m distance Pump houses – within 500m distance	Potential made ground (including heavy metals, polycyclic aromatic hydrocarbons (PAH), total petroleum hydrocarbons (TPH), asbestos, cyanide and bacterial coliforms, spent ammunition.
Landfills – between 250m and 1,000m distance	Ground gases including carbon dioxide and methane
Notes: The site is located within a predominantly rural/agricultural setting. The presence of significant sources of contamination is considered unlikely.	

3.9.2 Sensitive receptors

Sensitive receptors at this site include:

- Future site users (maintenance workers);
- Adjacent site users (public, farmers residential/commercial properties);
- Buildings and infrastructure;
- Ecological receptors;
- Groundwater beneath the site (secondary A/B aquifers) within superficial and bedrock; and

- Surface water receptors (ponds, drainage ditches, rhynes and primary surface water features such as King's Sedgemoor Drain)

Please note that construction workers have not been identified in the conceptual model as receptors because risks are considered to be managed through health and safety procedures including CDM regulations.

3.9.3 Summary of plausible pathways

The plausible pathways are summarised below:

- direct contact with soil through ingestion, dermal contact and inhalation of particulates;
- ground gas and soil vapour inhalation;
- build up of ground gases to pose explosion risk;
- vertical and lateral migration of contaminants including remobilisation and leaching;
- spills of sediment/contaminants during construction/decommissioning works into surface water receptors (e.g. surface water runoff);
- chemical attack of infrastructure and buildings.

3.9.4 Potentially complete pollutant linkages

The initial conceptual model is shown schematically in Figure 4 and an estimate of the risk associated with each linkage is summarised in Table 4. The risk classification has been undertaken in accordance with CIRIA C552 (Rudland et al., 2001), a summary of which is included in Appendix D. A complete pollutant linkage exists where a receptor is exposed to a source of contaminants via a pathway, such that unacceptable harm to the receptor occurs, or could occur, as a result.

Table 5: Risk estimation for potentially complete pollutant linkages

Potential contaminant	Potential receptor	Possible pathway	Likelihood	Severity of harm	Risk and justification
Soil source General made ground, potential minor hydrocarbon spills from farming equipment or tanks on farms and associated buildings. Infilled ponds and quarries. PCBs from on site electrical equipment. Herbicides / pesticides from agricultural land use. (continued below)	Future users (such as maintenance workers)	Direct contact	Unlikely	Medium	Low: Historic land use suggests low potential for significant sources of contamination. Routine breaking of ground is unlikely following construction. Substation has controlled access and is surrounded by an electrified metal palisade fence.
		Ground gas asphyxiation / risk of explosion	Unlikely	Severe	Moderate/Low: An accumulation of gas can only take place within a confined space. There are no planned above ground permanent structures, No permanent buildings are proposed. Construction activity for the temporary below ground infrastructure at Horsey (close to tower VQ043R) would be in accordance with appropriate health and safety legislation. Outdoor air exposure, plausible pathway considered absent along the OHL routes. No permanent construction work to be undertaken at Bridgwater substation.
		Soil vapour inhalation	Unlikely	Medium	Low: Assumes confined spaces for vapour intrusion/accumulation. Confined spaces may be present at access chambers. However, there is an assumption of a preferential vapour pathway and a source of volatile contaminants, which is unlikely given the site history. In addition access to manhole chambers would be in accordance with appropriate health and safety legislation. If present, VOCs would have a high dilution rate in outdoor air, the risk of inhalation exposure to which is low. No permanent construction work to be undertaken at Bridgwater substation.

Potential contaminant	Potential receptor	Possible pathway	Likelihood	Severity of harm	Risk and justification
	Adjacent site users (farms, residential and commercial)	Direct contact	Unlikely	Medium	<p>Low:</p> <p>The public, farmers or adjacent residents/commercial site users are unlikely to come into contact with site soils. Appropriate control measures to be implemented during construction activities along the OHL. Substation has controlled access and is surrounded by an electrified metal palisade fence.</p> <p>Exposure risks potentially increased if contaminants at depth are excavated and left at the ground surface.</p>
	Adjacent site users (farms, residential and commercial)	Direct contact (potable water pipes and abstractions)	Unlikely	Medium	<p>Low:</p> <p>The Proposed Development is generally not located close to residential and commercial properties, where potable water supply pipes would come into contact with contaminated soils. Historic land use suggests low potential for significant sources of contamination. No potable water abstractions from groundwater recorded within 1,000m of the site</p>
	Building foundations	Chemical attack of infrastructure	Likely	Mild	<p>Moderate/Low:</p> <p>If present, contaminants within soils will come into contact with building foundations (aggressive ground conditions). Aggressive ground conditions might be present on the Blue Lias Formation. Appropriate concrete design will be required.</p> <p>Two tower locations on Puriton Ridge (ZGA7 and ZGA8) may be located within a historic quarry or within close proximity of the quarry. Backfill material, if any, may be present.</p>
	Ecological receptors	Direct contact including ingestion of vegetation	Unlikely	Medium	<p>Low:</p> <p>Closest ecological designated site is >650m away. Historic land use suggests low potential for significant sources of contamination. Substation has controlled access and is surrounded by an electrified metal palisade fence.</p>

Potential contaminant	Potential receptor	Possible pathway	Likelihood	Severity of harm	Risk and justification
	Groundwater beneath the OHL towers (secondary A/B aquifer)	Remobilisation and leaching	Unlikely	Medium	Low: If present, contaminants may leach to the groundwater table and the secondary A/B aquifer. Historic land use suggests low potential for significant sources of contamination.
	Groundwater within the wider area	Vertical and lateral migration	Unlikely	Medium	Low: Groundwater migration is likely to follow the topography and flow towards the surface water receptors (rhynes). Potential for significant contaminants beneath the site is considered low. Contaminated shallow groundwater potentially mobilised to deeper strata via creation of preferential flow pathways by foundation piles.
	Surface water (Rhynes, pond and ditches including King's Sedgemoor Drain)	Migration	Unlikely	Medium	Low: If present, contaminants may migrate with groundwater to surface water receptors, however the potential for significant contaminants beneath the site is considered low.
		Surface water run off during construction activity	Low Likelihood	Medium	Moderate/Low: Potential for surface water runoff or sediment to enter drainage ditches during construction/demolition activity. Appropriate method statements, working practises and mitigation measures and response plan would be required.

Potential contaminant	Potential receptor	Possible pathway	Likelihood	Severity of harm	Risk and justification
Peat deposits within Alluvium beneath proposed and existing tower locations	Future users (such as maintenance workers)	Ground gas asphyxiation / risk of explosion	Unlikely	Medium	<p>Low:</p> <p>An accumulation of gas can only take place within a confined space. There are no planned above ground permanent structures,</p> <p>No permanent buildings are proposed. Construction activity for the temporary below ground infrastructure at Horsey (close to tower VQ043R) would be in accordance with appropriate health and safety legislation.</p> <p>Outdoor air exposure, plausible pathway considered absent along the OHL routes. No permanent construction work to be undertaken at Bridgwater substation.</p>
Off site soil sources General made ground, potential minor hydrocarbon spills from farming equipment, from tanks on farms and associated buildings, former railway sidings,	Future users (such as maintenance workers)	Direct contact	Unlikely	Medium	<p>Low:</p> <p>Historic land use within the immediate vicinity of both existing and proposed tower locations suggests low potential for significant sources of contamination. Contact would have to follow migration via groundwater.</p>
	Groundwater beneath the OHL towers (secondary A/B aquifer)	Migration	Unlikely	Medium	<p>Low:</p> <p>If present, contaminants may migrate within groundwater to the proposed tower locations, however the historic land use suggests low potential for significant sources of contamination.</p> <p>Contaminated shallow groundwater potentially mobilised to deeper strata via creation of preferential flow pathways by foundation piles.</p>

Potential contaminant	Potential receptor	Possible pathway	Likelihood	Severity of harm	Risk and justification
various deposits and pump houses. Bacterial colliforms from sewage treatment works Spent ammunitions and heavy metals (lead) from former rifle range	Building foundations	Chemical attack of infrastructure	Likely	Mild	Moderate/Low: If present, contaminants within soils could be leached and come into contact with building foundations (aggressive ground conditions). Appropriate concrete design will be required.
Landfills Ground gases	Future users (such as maintenance workers) and structures	On site migration	Unlikely	Severe	Moderate/Low: No historic landfills are located beneath proposed tower/access track locations or existing tower/access track locations. Distance of landfills from Proposed Development is likely to mitigate potential risks. In addition no permanent buildings are proposed as part of the removal of the existing F route and construction of the 400kV OHL. Care and due diligence/appropriate monitoring may be required during construction activity for the temporary below ground infrastructure at Horsey (close to tower VQ043R). Outdoor air exposure, plausible pathway considered absent along the OHL routes. No permanent construction work to be undertaken at Bridgwater substation.

Potential contaminant	Potential receptor	Possible pathway	Likelihood	Severity of harm	Risk and justification
Groundwater source Theoretically impacted groundwater beneath the Proposed Development areas	Future users (such as maintenance workers)	Contaminants in groundwater beneath the site followed by vapour inhalation & direct contact	Unlikely	Medium	Low: Assumes groundwater source at shallow depth, beneath proposed structures and preferential vapour intrusion pathways. No permanent buildings are proposed to be constructed. Presence of significant volumes of volatile contaminants considered very unlikely. Plausible pathway considered unlikely. Routine breaking of ground exposing direct contact pathway is unlikely following construction.
	Neighbouring site users (residential/commercial properties)	Contaminants in groundwater, migrate off site followed by direct contact (via potable water pipes)	Unlikely	Medium	Low: Presence of impacted groundwater considered unlikely. Presence of potable water supply pipes below water table and in the vicinity of the site is also considered unlikely.
	Neighbouring site users (residential/commercial properties)	Contaminants in groundwater, migrate off site followed by vapour inhalation	Unlikely	Medium	Low: Assumes groundwater source at shallow depth, migrating beneath off site buildings. Considered unlikely. Presence of significant volumes of volatile contaminants considered very unlikely.
	Building foundations	Contaminants in groundwater migrate to on site structures	Likely	Mild	Moderate/Low: If present, contaminants (aggressive ground conditions) could come into contact with building foundations. However the potential for significant contaminants beneath the site is considered low. Geotechnical data should be obtained to confirm the requirements for concrete/ in-ground infrastructure protection

Potential contaminant	Potential receptor	Possible pathway	Likelihood	Severity of harm	Risk and justification
	Ecological receptors		Unlikely	Medium	Low: Closest ecological designated site is >650m away. Historic land use suggests low potential for significant sources of contamination. Substation has controlled access and is surrounded by an electrified metal palisade fence. Potential for significant contaminants in groundwater at the site is considered low.
	Secondary A/B aquifer (wider area)	Migration of groundwater contaminants off site	Unlikely	Medium	Low: Groundwater migration is likely, however, the potential for significant contaminants beneath the site is considered low. Contaminated shallow groundwater potentially mobilised to deeper strata via creation of preferential flow pathways by foundation piles.
	Surface water (ponds, drainage ditch, rhynes and primary receptors such as King's Sedgemoor Drain)	Migration of groundwater contaminants off site to receptors	Unlikely	Medium	Low: If present, contaminants may migrate with groundwater to surface water receptors via groundwater, however the potential for significant contaminants beneath the site is considered low.
Notes: shaded cells indicate potentially complete pollutant linkages with a risk of moderate or above					

No potentially complete pollutant linkages have been identified that would result in a high risk to receptors.

A site investigation would be recommended to confirm the likely moderate/low risk to development.

The assessment has identified that the risks associated with the potential pollutant linkages are considered low to low/moderate. Given the site history and setting there are unlikely to be significant risks associated with the Proposed Development although intrusive investigations should be undertaken to confirm the findings of this assessment. Potential risks to building infrastructure (foundations) from aggressive ground conditions has been identified. The bedrock on the Puriton Ridge, comprising the Blue Anchor Formation and the Blue Lias Formation, may be pyrite bearing. Potential risks can be mitigated and risks reduced to very low/low through appropriate concrete design.

Potential risks to controlled waters (surface water drains) from ingress of sediment or construction material during construction activity can be mitigated through appropriate working practises and mitigation measures.

3.9.5 Data gaps and uncertainties

The Proposed Development area is situated within a rural agricultural setting, Ecological receptors are located along the route alignments.

A hydrological risk assessment is to be undertaken under separate cover.

3.9.6 Recommendations

There may be the requirement to undertake ecological surveys prior to commencement of construction works. If sensitive ecology is identified it could result in delays to construction to allow for mitigation or cessation during sensitive periods of the year.

A flood risk assessment may be required to be undertaken and is beyond the scope of this assessment.

A hydrological risk assessment is to be undertaken under separate cover.

Intrusive ground works will be required to confirm ground stability issues associated with compressible ground hazards owing to the presence of soft strata along the Proposed Development route. Investigation may be required to collect appropriate data to support concrete design for foundations of towers and other structures located along the development route. It is recommended that during such investigations consideration be given to undertaking contamination testing, sampling, monitoring to confirm the low to moderate risk rating identified in Table 4, in particular where construction may overlap with landfills.

Appropriate measures should be taken during construction activities to minimise potential environmental impact from fuel use and storage. Such measures would include storing fuel within bunded, impermeable structures or areas.

There may also be the requirement for further intrusive ground works at tower locations ZGA7 and ZGA8 to confirm the presence/absence of the historic Cat's Quarry and associated ground stability hazards, if any.

The Proposed Development crosses numerous interconnected drainage ditches and rhynes. Suitable mitigation measures should be implemented to prevent ingress of surface water runoff or sediment arising through construction activity. Construction activities should additionally take other ecological constraints/considerations into account and implement appropriate mitigation measures for the protection of ecological receptors.

Before any site operations are carried out the site should be inspected by an individual experienced in the recognition of Japanese Knotweed. If Japanese Knotweed is found to be present, adequate precautions must be employed to prevent its spread, in particular along water courses during construction and demolition activities.

Many drainage ditches and rhynes are culverted to allow access tracks to cross these surface water features. These may be old or in general disrepair. Assessment of their condition may be required prior to vehicle movement over them.

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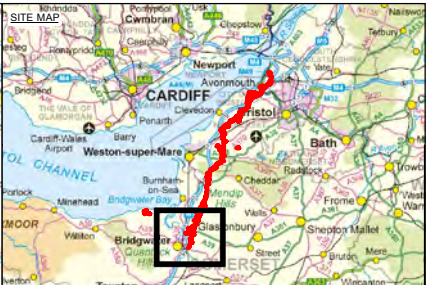
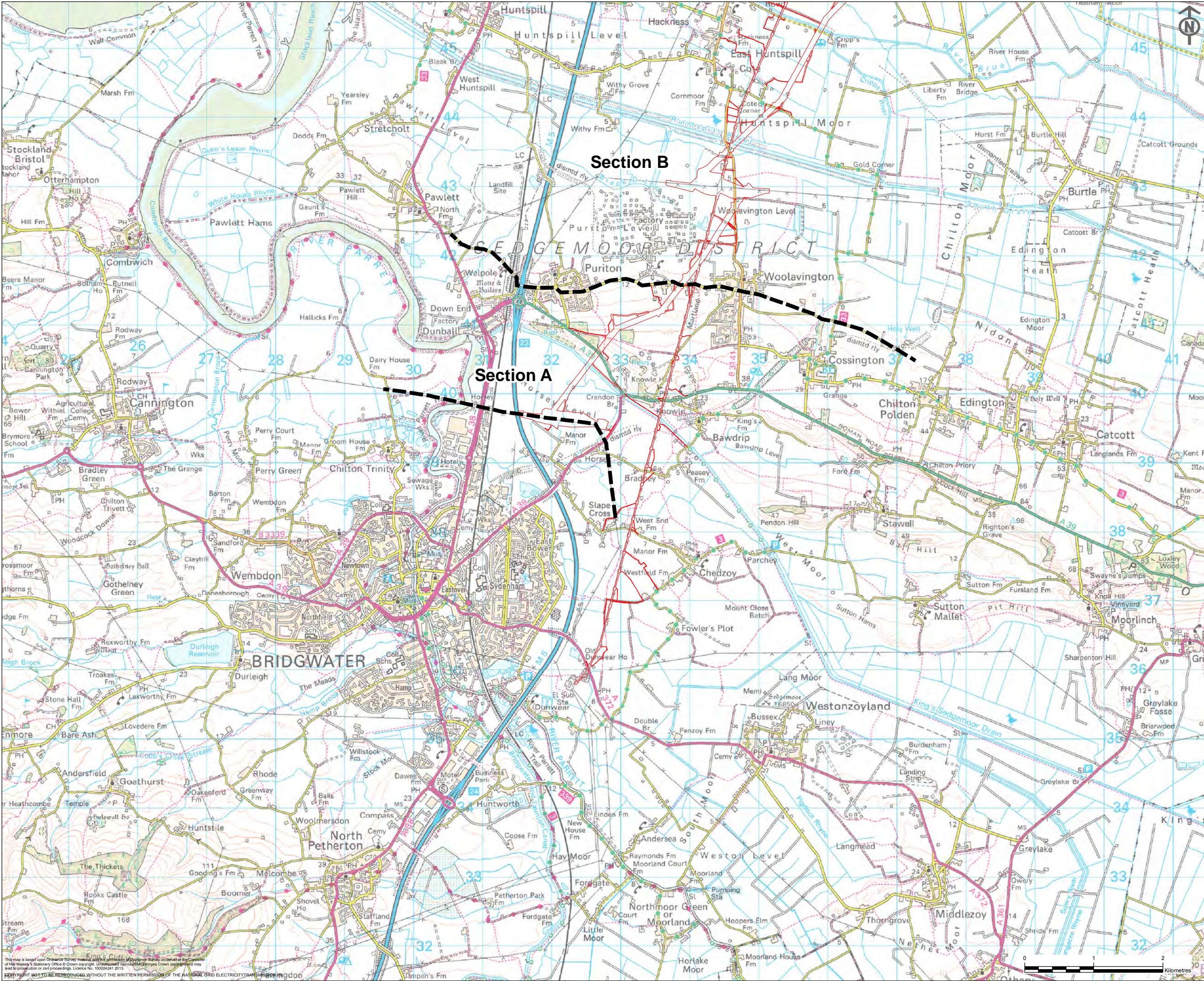
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FIGURES



Key


- Section Boundary
- Order Limits

ISSUE	DATE	COMMENTS	DRAW	CHKD	APPD
C	25/03/14	Revised Order Limit	AJ	NH	AP
B	07/03/14	Revised Order Limit	DL	LH	AP
A	04/07/13	Order Limit Location	DL	LH	AP

Title

NATIONAL GRID (HINKLEY POINT C TO SEABANK GRID CONNECTION PROJECT - SECTION A PURITON RIDGE) PRELIMINARY RISK ASSESSMENT

FIGURE 1: SITE LOCATION PLAN

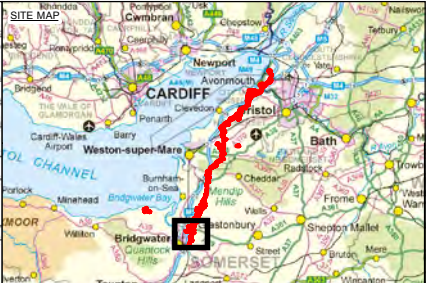
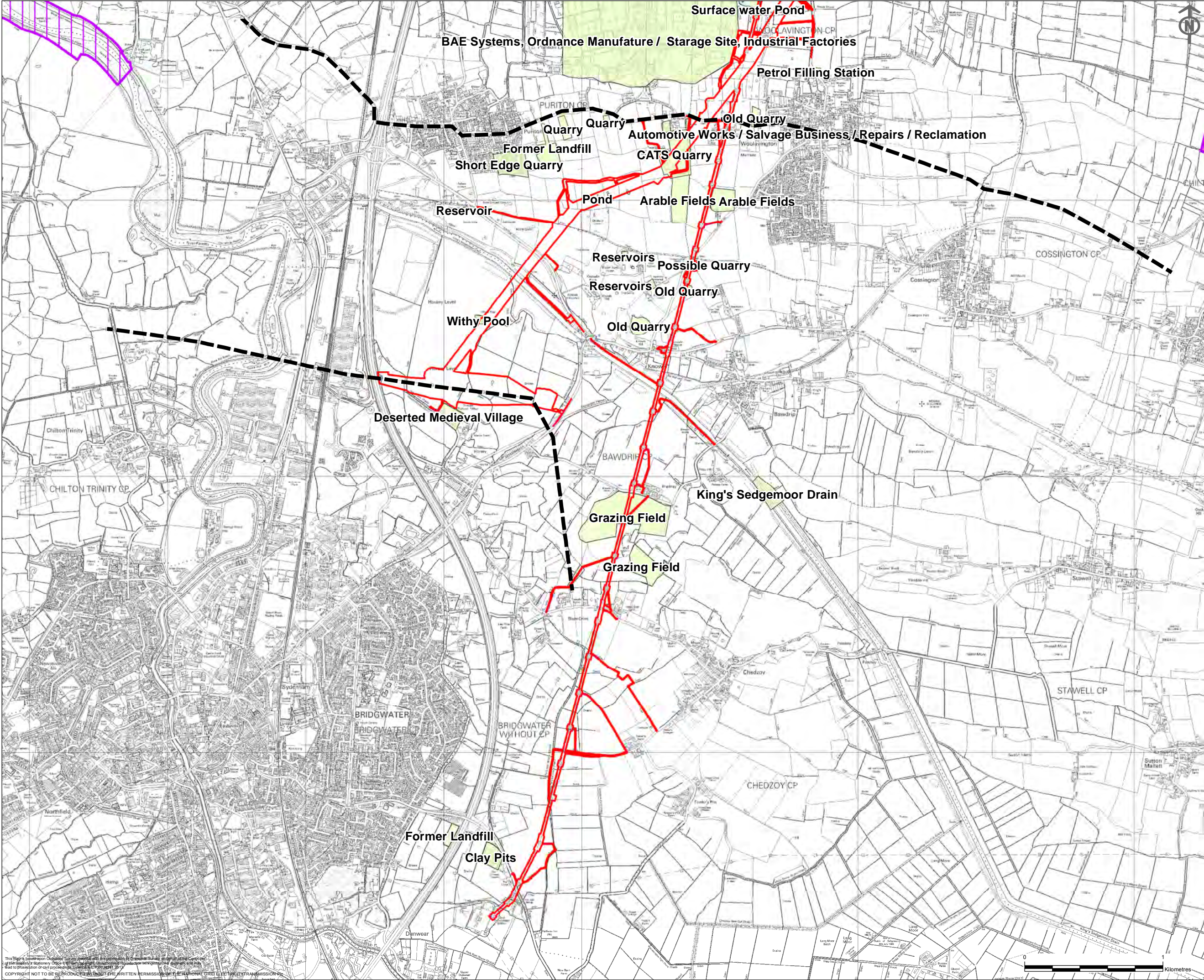


National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA

NG INVESTMENT No.	FIGURE No.	GIS A3
20897	1	
DRAWING No. Section A - Fig 1 - Puriton Ridge Location Plan		SCALE 1:50,000
SHEET 1 of 1		ISSUE C

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- Key**
- Section Boundary
 - Order Limits
 - Highlighted Areas
 - SSSI

C	25/03/14	Revised Order Limit	AJ	NH	AP
B	07/03/14	Revised Order Limit	DL	LH	AP
A	09/07/13	Order Limit Location	DL	LH	AP
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D

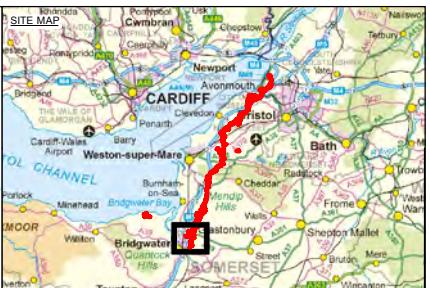
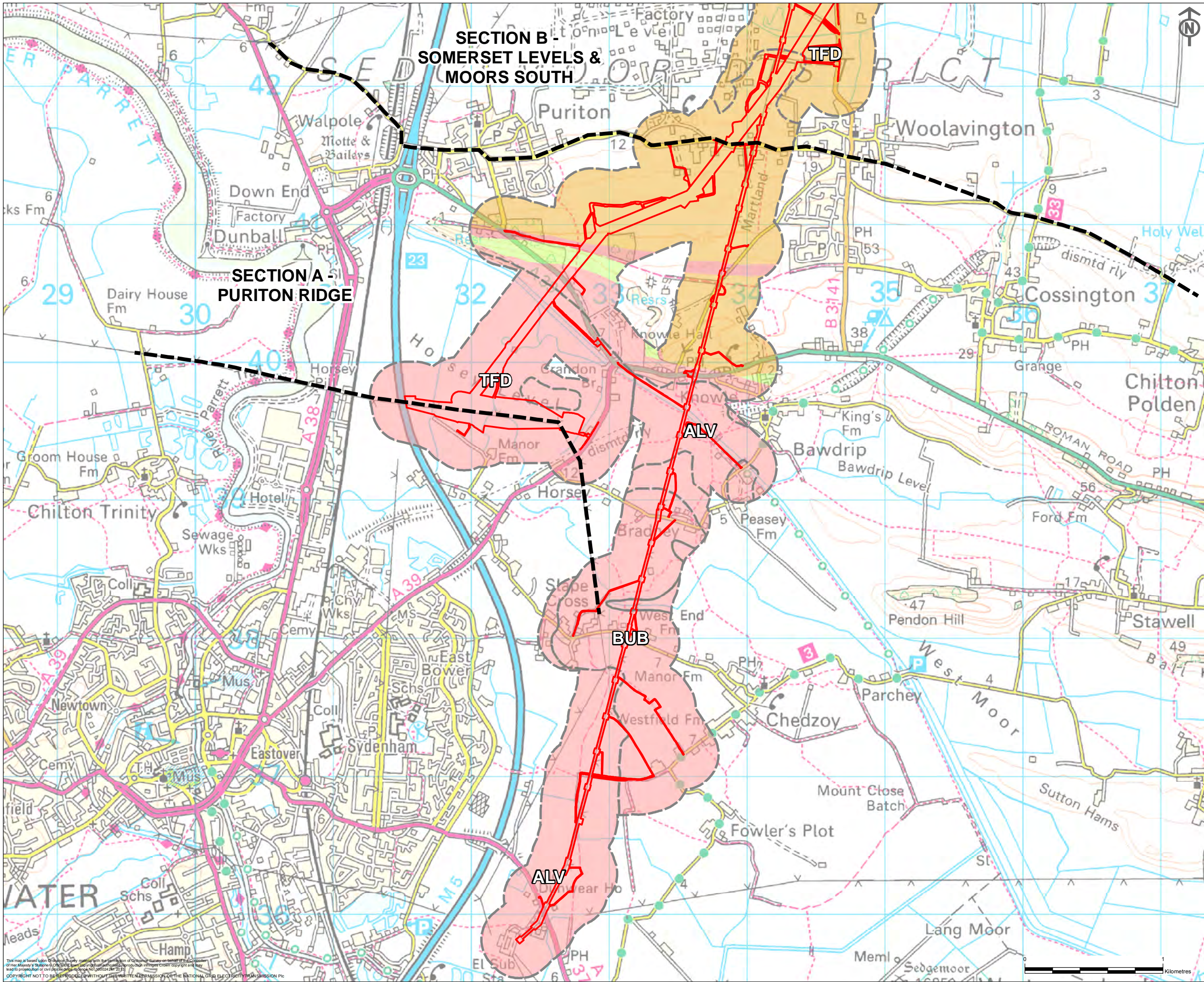
Title

NATIONAL GRID (HINKLEY POINT C TO SEABANK GRID CONNECTION PROJECT - SECTION A PURITON RIDGE) PRELIMINARY RISK ASSESSMENT

FIGURE 2: SITE FEATURES PLAN

National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA

NG INVESTMENT No.	FIGURE No.	GIS
20897	2	
DRAWING No.		SCALE
Section A - Fig 2 - Puriton Ridge Features Plan		1:25,000
SHEET 1 of 1		ISSUE
		C

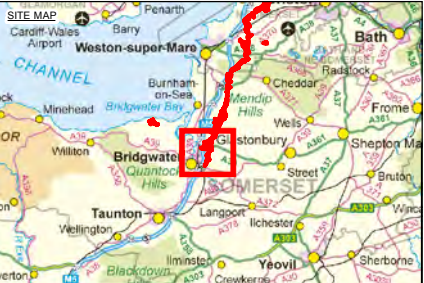
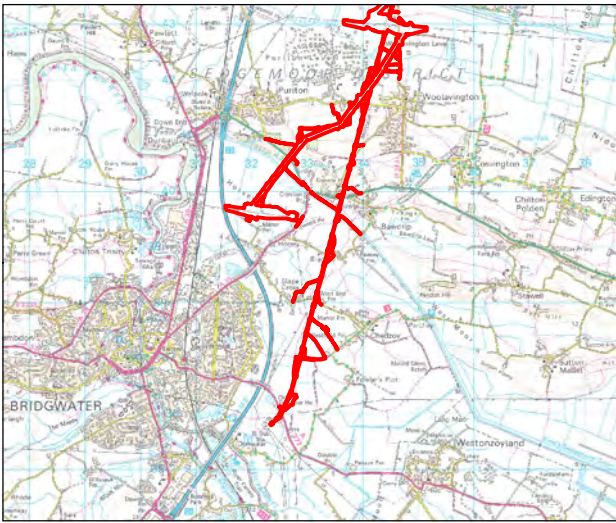


- Key**
- Section Boundary
 - ALV ALLUVIUM
 - BUB BURTLE FORMATION
 - TFD TIDAL FLAT DEPOSITS
 - Order Limits
 - Superficial Geology Boundary
 - LANGPORT MEMBER, BLUE LIAS FORMATION AND CHARMOUTH MUDSTONE FORMATION (UNDIFFERENTIATED) - MUDSTONE AND LIMESTONE, INTERBEDDED
 - WESTBURY FORMATION AND COTHAM MEMBER (UNDIFFERENTIATED) - MUDSTONE AND LIMESTONE, INTERBEDDED
 - BLUE ANCHOR FORMATION - MUDSTONE
 - MERCIA MUDSTONE GROUP - MUDSTONE AND HALITE-STONE

ISSUE	DATE	COMMENTS	DRAW	CHKD	APPD
C	25/03/14	Revised Order Limit	AJ	NH	AP
B	07/03/14	Revised Order Limit	DL	LH	AP
A	04/07/13	Order Limit Location	DL	LH	AP

Title
NATIONAL GRID (HINKLEY POINT C TO SEABANK GRID CONNECTION PROJECT - SECTION A PURITON RIDGE)
PRELIMINARY RISK ASSESSMENT
FIGURE 3: GEOLOGICAL CONDITIONS

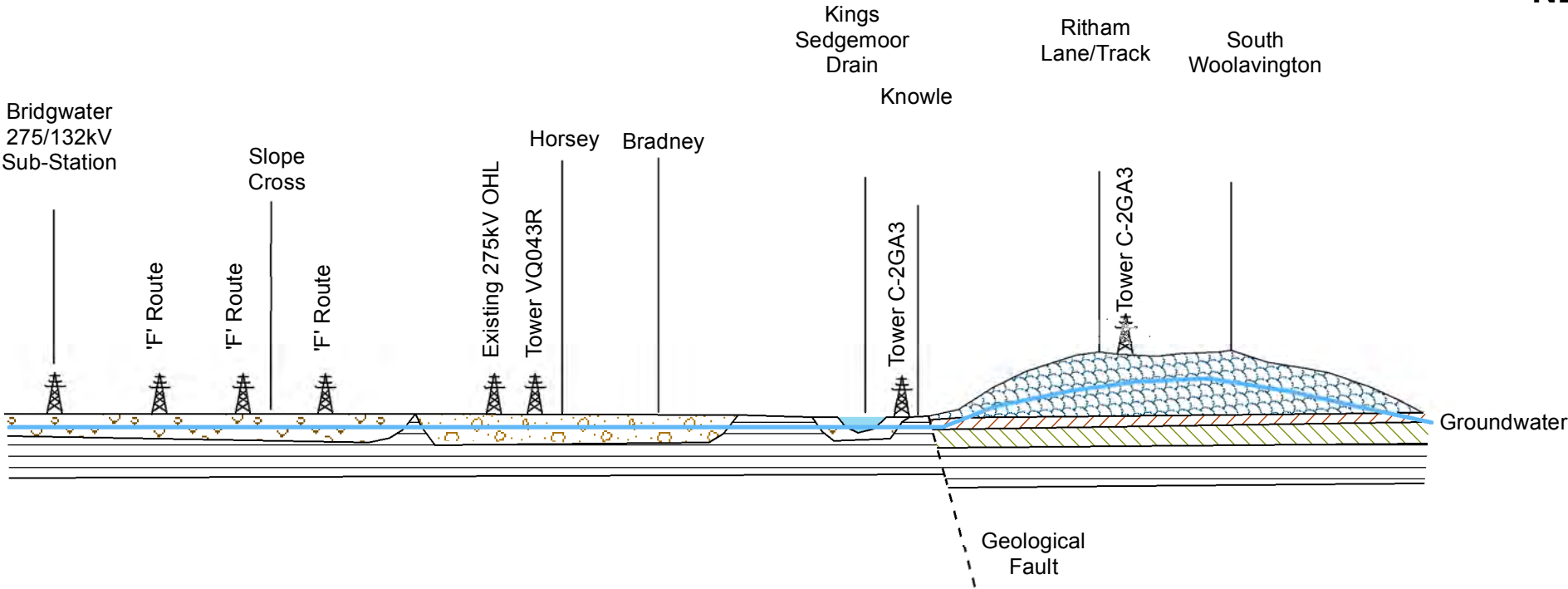
<div><div></div><div><div>national</div><div>grid</div></div></div>			
National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA			
<u>NG INVESTMENT No.</u>	<u>FIGURE No.</u>		<u>GIS</u>
20897	3		A3
<u>DRAWING No.</u>		<u>SCALE</u>	
Section A - Fig 3 - Puriton Geology		1:25,000	
SHEET 1 of 1		<u>ISSUE</u>	C



- Key**
- Alluvium
 - Burtle Formation (Sand & Gravel)
 - Mercia Mudstone Group
 - Blue Lias Formation
 - Westbury and Cotham Member (Penarth Group)
 - Blue Anchor Formation

SW

NE



- SOURCES**

 - General made ground, if present
 - Infilled ponds and quarries
 - Minor hydrocarbon spills from farming equipment and tanks at farm
 - PCBs associated with the Bridgwater 275/132kV sub-station
 - Herbicides and pesticides associated with the agricultural use
 - Peat deposits
- OFF-SITE SOURCES**

 - Sewage treatment works
 - Former railway sidings
 - Depots
 - Rifle range
 - Pump houses
 - Landfills
- RECEPTORS**

 - Future site users (maintenance workers);
 - Adjacent site users (public, farmers residential /commercial properties);
 - Buildings and infrastructure;
 - Ecological receptors;
 - Groundwater beneath the site (secondary A/B aquifers) within superficial and bedrock; and
 - Surface water receptors (ponds, drainage ditches, rhynes and primary surface water features such as King's Sedgemoor Drain)
- PATHWAYS**

 - direct contact with soil through ingestion, dermal contact and inhalation of particulates;
 - ground gas and soil vapour inhalation;
 - build up of ground gases to pose explosion risk;
 - vertical and lateral migration of contaminants including remobilisation and leaching;
 - spills of sediment/contaminants during construction /decommissioning works into surface water receptors (e.g. surface water runoff);
 - chemical attack of infrastructure and buildings.
- POTENTIALLY COMPLETE RELEVANT POLLUTANT LINKAGES**

 - No potentially complete pollutant linkages have been identified

C	25/03/14	Revised Order Limit	AJ	NH	AP
B	07/03/14	Revised Order Limit	DL	LH	AP
A	26/06/13	First Draft	NH	AP	AM
ISSUE	DATE	COMMENTS	DRAW	CHK'D	APP'D

Title

NATIONAL GRID (HINKLEY POINT C TO SEABANK GRID CONNECTION PROJECT - SECTION A PURITON RIDGE) PRELIMINARY RISK ASSESSMENT

FIGURE 4: CONCEPTUAL SITE MODEL



National Grid plc, Warwick Technology Park, Gallows Hill, Warwick, CV34 6DA

NG INVESTMENT No.	FIGURE No.		GIS
20897	4		A3
DRAWING No.	SCALE		ISSUE
Section A - Fig 4 - Puriton Ridge Conceptual Site Model	1:0		C
SHEET 1 of 1			

APPENDIX A

SERVICE CONSTRAINTS

1. This report and the site investigation carried out in connection with the report (together the "Services") were compiled and carried out by RSK Environment Limited (RSK) for National Grid (the "client") in accordance with the terms of a contract between RSK and the "client", dated 10 May 2013. The Services were performed by RSK with the skill and care ordinarily exercised by a reasonable environmental consultant at the time the Services were performed. Further, and in particular, the Services were performed by RSK taking into account the limits of the scope of works required by the client, the time scale involved and the resources, including financial and manpower resources, agreed between RSK and the client.
2. Other than that expressly contained in paragraph 1 above, RSK provides no other representation or warranty whether express or implied, in relation to the Services.
3. Unless otherwise agreed the Services were performed by RSK exclusively for the purposes of the client. RSK is not aware of any interest of or reliance by any party other than the client in or on the Services. Unless expressly provided in writing, RSK does not authorise, consent or condone any party other than the client relying upon the Services. Should this report or any part of this report, or otherwise details of the Services or any part of the Services be made known to any such party, and such party relies thereon that party does so wholly at its own and sole risk and RSK disclaims any liability to such parties. **Any such party would be well advised to seek independent advice from a competent environmental consultant and/or lawyer.**
4. It is RSK's understanding that this report is to be used for the purpose described in the introduction to the report. That purpose was a significant factor in determining the scope and level of the Services. Should the purpose for which the report is used, or the proposed use of the site change, this report may no longer be valid and any further use of or reliance upon the report in those circumstances by the client without RSK's review and advice shall be at the client's sole and own risk. Should RSK be requested to review the report after the date hereof, RSK shall be entitled to additional payment at the then existing rates or such other terms as agreed between RSK and the client.
5. The passage of time may result in changes in site conditions, regulatory or other legal provisions, technology or economic conditions which could render the report inaccurate or unreliable. The information and conclusions contained in this report should not be relied upon in the future without the written advice of RSK. In the absence of such written advice of RSK, reliance on the report in the future shall be at the client's own and sole risk. Should RSK be requested to review the report in the future, RSK shall be entitled to additional payment at the then existing rate or such other terms as may be agreed between RSK and the client.
6. The observations and conclusions described in this report are based solely upon the Services which were provided pursuant to the agreement between the client and RSK. RSK has not performed any observations, investigations, studies or testing not specifically set out or required by the contract between the client and RSK. RSK is not liable for the existence of any condition, the discovery of which would require performance of services not otherwise contained in the Services. For the avoidance of doubt, unless otherwise expressly referred to in the introduction to this report, RSK did not seek to evaluate the presence on or off the site of asbestos, electromagnetic fields, lead paint, heavy metals, radon gas or other radioactive or hazardous materials.
7. The Services are based upon RSK's observations of existing physical conditions at the Site gained from a walk-over survey of the site together with RSK's interpretation of information including documentation, obtained from third parties and from the client on the history and usage of the site. The Services are also based on information and/or analysis provided by independent testing and information services or laboratories upon which RSK was reasonably entitled to rely. The Services clearly are limited by the accuracy of the information, including documentation, reviewed by RSK and the observations possible at the time of the walk-over survey. Further RSK was not authorised and did not attempt to independently verify the accuracy or completeness of information, documentation or materials received from the client or third parties, including laboratories and information services, during the performance of the Services. RSK is not liable for any inaccurate information or conclusions, the discovery of which inaccuracies required the doing of any act including the gathering of any information which was not reasonably available to RSK and including the doing of any independent investigation of the information provided to RSK save as otherwise provided in the terms of the contract between the client and RSK.
8. The phase II or intrusive environmental site investigation aspects of the Services is a limited sampling of the site at pre-determined borehole and soil vapour locations based on the operational configuration of the site. The conclusions given in this report are based on information gathered at the specific test locations and can only be extrapolated to an undefined limited area around those locations. The extent of the limited area depends on the soil and groundwater conditions, together with the position of any current structures and underground facilities and natural and other activities on site. In addition chemical analysis was carried out for a limited number of parameters [as stipulated in the contract between the client and RSK] [based on an understanding of the available operational and historical information,] and it should not be inferred that other chemical species are not present.
9. Any site drawing(s) provided in this report is (are) not meant to be an accurate base plan, but is (are) used to present the general relative locations of features on, and surrounding, the site.

APPENDIX B

SUMMARY OF LEGISLATION AND POLICY RELATING TO CONTAMINATED LAND

Part IIA of the Environmental Protection Act 1990 (EPA) and its associated Contaminated Land Regulations 2000 (SI 2000/227), which came into force in England on 1 April 2000, formed the basis for the current regulatory framework and the statutory regime for the identification and remediation of contaminated land. Part IIA of the EPA 1990 defines contaminated land as ‘any land which appears to the Local Authority in whose area it is situated to be in such a condition by reason of substances in, on or under the land, that significant harm is being caused, or that there is significant possibility of significant harm being caused, or that pollution of controlled waters is being or is likely to be caused’. Controlled waters are considered to include all groundwater, inland waters and estuaries.

In August 2006, the Contaminated Land (England) Regulations 2006 (SI 2006/1380) were implemented, which extended the statutory regime to include Part IIA of the EPA as originally introduced on 1 April 2000, together with changes intended chiefly to address land that is contaminated by virtue of radioactivity. These have been replaced subsequently by the Contaminated Land (England) (Amendment) Regulations 2012, which now exclude land that is contaminated by virtue of radioactivity.

The intention of Part IIA of the EPA is to deal with contaminated land issues that are considered to cause significant harm on land that is not undergoing development (see Environmental Protection Act 1990: Part 2A Contaminated Land Statutory Guidance, April 2012). This document replaces Annex III of DEFRA Circular 01/2006, published in September 2006 (the remainder of this document is now obsolete).

Water Framework Directive (WFD)

The Water Framework Directive 2000/60/EC is designed to:

- enhance the status and prevent further deterioration of aquatic ecosystems and associated wetlands that depend on the aquatic ecosystems
- promote the sustainable use of water
- reduce pollution of water, especially by ‘priority’ and ‘priority hazardous’ substances
- ensure progressive reduction of groundwater pollution.

The WFD requires a management plan for each river basin be developed every six years.

Groundwater Directive (GWD)

The 1980 Groundwater Directive 80/68/EEC and the 2006 Groundwater Daughter Directive 2006/118/EC of the WFD are the main European legislation in place to protect groundwater. The 1980 Directive is due to be repealed in December 2013. The European legislation has been transposed into national legislation by regulations and directions to the Environment Agency.

Environmental Permitting Regulations (EPR)

The Environmental Permitting (England and Wales) Regulations 2010 provide a single regulatory framework that streamlines and integrates waste management licensing, pollution prevention and control, water discharge consenting, groundwater authorisations, and radioactive substances regulation. Schedule 22, paragraph 6 of EPR 2010 states: 'the regulator must, in exercising its relevant functions, take all necessary measures - (a) to prevent the input of any hazardous substance to groundwater; and (b) to limit the input of non-hazardous pollutants to groundwater so as to ensure that such inputs do not cause pollution of groundwater.'

Water Resources Act (WRA)

The Water Resources Act 1991 (Amendment) (England and Wales) Regulations 2009 updated the Water Resources Act 1991, which introduced the offence of causing or knowingly permitting pollution of controlled waters. The Act provides the Environment Agency with powers to implement remediation necessary to protect controlled waters and recover all reasonable costs of doing so.

Priority Substances Directive (PSD)

The Priority Substances Directive 2008/105/EC is a 'Daughter' Directive of the WFD, which sets out a priority list of substances posing a threat to or via the aquatic environment. The PSD establishes environmental quality standards for priority substances, which have been set at concentrations that are safe for the aquatic environment and for human health. In addition, there is a further aim of reducing (or eliminating) pollution of surface water (rivers, lakes, estuaries and coastal waters) by pollutants on the list. The WFD requires that countries establish a list of dangerous substances that are being discharged and EQS for them. In England and Wales, this list is provided in the River Basin Districts Typology, Standards and Groundwater threshold values (Water Framework Directive) (England and Wales) Directions 2010. In order to achieve the objectives of the WFD, classification schemes are used to describe where the water environment is of good quality and where it may require improvement.

Planning Policy

Contaminated land is often dealt with through planning because of land redevelopment. This approach was documented in Planning Policy Statement: Planning and Pollution Control PPS23, which states that it remains the responsibility of the landowner and developer to identify land affected by contamination and carry out sufficient remediation to render the land suitable for use. PPS23 was withdrawn early in 2012 and has been replaced by much reduced guidance within the National Planning Policy Framework (NPPF).

The new framework has only limited guidance on contaminated land, as follows:

- *“planning policies and decisions should also ensure that:*
 - *the site is suitable for its new use taking account of ground conditions and land instability, including from natural hazards or former activities such as mining, pollution arising from previous uses and any proposals for mitigation including land remediation or impacts on the natural environment arising from that remediation;*
 - *after remediation, as a minimum, land should not be capable of being determined as contaminated land under Part IIA of the Environmental Protection Act 1990; and*
 - *adequate site investigation information, prepared by a competent person, is presented”.*

APPENDIX C

SITE PHOTOGRAPHS

PHOTOGRAPHIC LOG – Section A - Puriton Ridge - PRA

Photo no. 1	Date: June 2013	
Direction photo taken: Looking south-west		
Description: Looking at the Bridgwater 275/132kV substation		

Photo No. 2	Date: June 2013	
Direction photo taken: Looking east		
Description: View of the existing F route across the Bawdrip Levels		

PHOTOGRAPHIC LOG – Section A - Puriton Ridge - PRA

Photo no. 3	Date: June 2013	
Direction photo taken: West		
Description: View of the existing 275kV OHL on Horsey Levels, Horsey, close to the proposed tee with the proposed 400kV OHL.		

Photo No. 4	Date: June 2013	
Direction photo taken: Looking north-west		
Description: View from the Bawdrip Levels of the Puriton Ridge (south)		

PHOTOGRAPHIC LOG – Section A - Puriton Ridge - PRA

Photo no. 5	Date: June 2013	
Direction photo taken: Looking west-south-west		
Description: View across the base of the base of the Puriton Ridge (south) and the Horse Levels		

Photo No. 6	Date: June 2013	
Direction photo taken: Looking south		
Description: Looking at the Horsey Levels for the proposed 400kV OHL		

PHOTOGRAPHIC LOG – Section A - Puriton Ridge - PRA

Photo no. 7	Date: June 2013	
Direction photo taken: Looking north		
Description: View of the Puriton Ridge and the existing F route		

Photo No. 8	Date: June 2013	
Direction photo taken: Looking north		
Description: View of the Puriton Ridge		

PHOTOGRAPHIC LOG – Section A - Puriton Ridge - PRA

Photo no. 9	Date: June 2013	
Direction photo taken: North-west		
Description: View of the existing F route on the Bawdrip Levels		

Photo No. 10	Date: June 2013	
Direction photo taken: Looking south		
Description: View over the Horsey Levels		

PHOTOGRAPHIC LOG – Section A - Puriton Ridge - PRA



Photo no. 11	Date: June 2013	
Direction photo taken: Looking south		
Description: View from the Puriton Ridge across the Horsey Levels		

Photo No. 12	Date: June 2013	
Direction photo taken: Looking north		
Description: View from the Puriton Ridge across the Puriton Ridge and Woolavington Levels in the distance		

APPENDIX D

RISK ASSESSMENT METHODOLOGY

CLR11 outlines the framework to be followed for risk assessment in the UK. The framework is designed to be consistent with UK legislation and policies including planning. Under CLR11, three stages of risk assessment exist: preliminary, generic quantitative and detailed quantitative. An outline conceptual model should be formed at the preliminary risk assessment stage that collates all the existing information pertaining to a site in text, tabular or diagrammatic form. The outline conceptual model identifies potentially complete (termed possible) pollutant linkages (contaminant–pathway–receptor) and is used as the basis for the design of the site investigation. The outline conceptual model is updated as further information becomes available, for example as a result of the site investigation.

Production of a conceptual model requires an assessment of risk to be made. Risk is a combination of the likelihood of an event occurring and the magnitude of its consequences. Therefore, both the likelihood and the consequences of an event must be taken into account when assessing risk. RSK has adopted guidance provided in CIRIA C552 for use in the production of conceptual models.

The likelihood of an event can be classified on a four-point system using the following terms and definitions based on CIRIA C552:

- highly likely: the event appears very likely in the short term and almost inevitable over the long term or there is evidence at the receptor of harm or pollution
- likely: it is probable that an event will occur or circumstances are such that the event is not inevitable, but possible in the short term and likely over the long term
- low likelihood: circumstances are possible under which an event could occur, but it is not certain even in the long term that an event would occur and it is less likely in the short term
- unlikely: circumstances are such that it is improbable the event would occur even in the long term.

The severity can be classified using a similar system also based on CIRIA C552. The terms and definitions relating to severity are:

- severe: short term (acute) risk to human health likely to result in ‘significant harm’ as defined by the Environment Protection Act 1990, Part IIA. Short-term risk of pollution of sensitive water resources. Catastrophic damage to buildings or property. Short-term risk to an ecosystem or organism forming part of that ecosystem (note definition of ecosystem in ‘Draft Circular on Contaminated Land’, DETR 2000)
- medium: chronic damage to human health (‘significant harm’ as defined in ‘Draft Circular on Contaminated Land’, DETR 2000), pollution of sensitive water resources, significant change in an ecosystem or organism forming part of that ecosystem

- mild: pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services ('significant harm' as defined in 'Draft Circular on Contaminated Land', DETR 2000). Damage to sensitive buildings, structures or the environment
- minor: harm, not necessarily significant, but that could result in financial loss or expenditure to resolve. Non-permanent human health effects easily prevented by use of personal protective clothing. Easily repairable damage to buildings, structures and services.

Once the probability of an event occurring and its consequences have been classified, a risk category can be assigned according to the table below.

		Consequences			
		Severe	Medium	Mild	Minor
Probability	Highly likely	Very high	High	Moderate	Moderate/low
	Likely	High	Moderate	Moderate/low	Low
	Low likelihood	Moderate	Moderate/low	Low	Very low
	Unlikely	Moderate/low	Low	Very low	Very low

Definitions of these risk categories are as follows together with an assessment of the further work that may be required:

- Very high: there is a high probability that severe harm could occur or there is evidence that severe harm is currently happening. This risk, if realised, could result in substantial liability; urgent investigation and remediation are likely to be required.
- High: harm is likely to occur. Realisation of the risk is likely to present a substantial liability. Urgent investigation is required. Remedial works may be necessary in the short term and are likely over the long term.
- Moderate: it is possible that harm could arise, but it is unlikely that the harm would be severe and it is more likely that the harm would be relatively mild. Investigation is normally required to clarify the risk and determine the liability. Some remedial works may be required in the longer term.
- Low: it is possible that harm could occur, but it is likely that if realised this harm would at worst normally be mild.
- Very low: there is a low possibility that harm could occur and if realised the harm is unlikely to be severe.

APPENDIX E

ENVIRONMENTAL DATABASE REPORT



RSK STATS Geoconsult Ltd (Bedminster)	GroundSure	HMD-441-912071
Spring Lodge, , 172 Chester Road,	Reference:	
Cheshire,	Your Reference:	312318
Helsby, WA6 0AR	Report Date:	Jun 6, 2013
	Report Delivery	xml
	Method:	
	Client Email:	██████████@rsk.co.uk

GroundSure Data

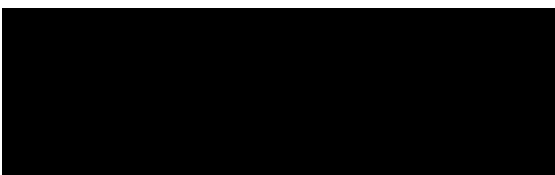
Address: Hinkley C to Seabank grid connection project

Dear Sir/Madam,

Thank you for placing your order with GroundSure. Please find enclosed the GroundSure Data report as requested.

If you need any further assistance, please do not hesitate to contact our helpline on 08444 159000 quoting the above GroundSure reference number.

Yours faithfully,



Managing Director
Groundsure Limited

Enc.
GroundSure Data

GroundSure Data

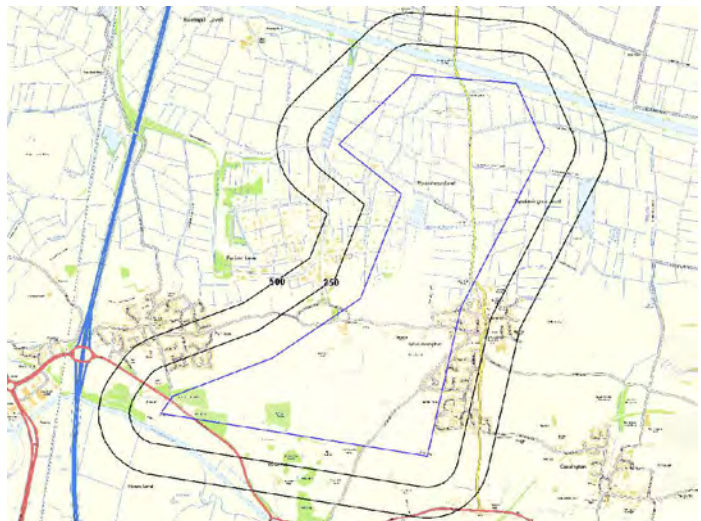
Address: Hinkley C to Seabank grid connection project

Date: Jun 6, 2013

GroundSure Reference: HMD-441-912071

Your Reference: 312318

Client: RSK STATS Geoconsult Ltd (Bedminster)



Aerial Photograph of Study Site

NW

N

NE



W

E

SW

S

SE

Site Name: Hinkley C to Seabank grid connection project
Grid Reference: 353664,181211

Aerial photography supplied by Getmapping PLC.
© Copyright Getmapping PLC 2003. All Rights Reserved.

Report Reference: HMD-441-912071

If you would like any further assistance regarding this report then please contact
GroundSure on (T) 08444 159 000, email: info@4c.groundsure.com

Overview of Findings

For further details on each dataset, please refer to each individual section in the main report as listed. Where the database has been searched a numerical result will be recorded. Where the database has not been searched '-' will be recorded.

Report Section	Number of records found within (X) m of the study site boundary					
1. Historical Industrial Sites	on-site	0-50	51-250	251-500	501-1000	1000-1500
1.1 Potentially Contaminative Past Land Use						
Records of potentially contaminative past land use (1:10,000 scale mapping)	17	4	23	-	-	-
1.2 Additional Information – Historical Tanks (1:2,500,1:1,250 scale mapping)	4	7	2*	-	-	-
1.3 Additional Information – Historical Energy Features (1:2,500,1:1,250 scale mapping)	8	12	4*	-	-	-
1.4 Additional Information – Historical Petrol and Fuel Site Database (1:2,500,1:1,250 scale mapping)	0	0	0*	-	-	-
1.5 Additional Information – Historical Vehicle Repair and Garages (1:2,500,1:1,250 scale mapping)	0	0	0*	-	-	-
1.6 Potentially Infilled Land						
Records of potentially infilled land (1:10,000 scale mapping)	73	10	6*	-	-	-
*51-100m						
2. Environmental Permits, Incidents and Registers	on-site	0-50	51-250	251-500	501-1000	1000-1500
2.1 Industrial Sites Holding Environmental Permits and/or Authorisations						
Records of historic IPC Authorisations	0	0	28	0	-	-
Records of Part A(1) and IPPC Authorised Activities	0	0	9	0	-	-
Records of Water Industry Referrals (potentially harmful discharges to the public sewer)	0	0	0	0	-	-
Records of Red List Discharge Consents (potentially harmful discharges to controlled waters)	0	0	0	0	-	-
Records of List 1 Dangerous Substances Inventory sites	0	0	0	0	-	-
Records of List 2 Dangerous Substances Inventory sites	0	0	0	0	-	-
Records of Part A(2) and Part B Activities and Enforcements	0	0	0	0	-	-
Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0	-	-
Records of Licensed Discharge Consents	2	0	3	6	-	-
Records of Planning Hazardous Substance Consents and Enforcements	0	0	0	0	-	-
2.2 Records of COMAH and NIHHS sites	1	0	0	0	-	-
2.3 Environment Agency Recorded Pollution Incidents						
National Incidents Recording System, List 2	3	1	2	-	-	-
National Incidents Recording System, List 1	0	0	0	-	-	-
2.4 Sites Determined as Contaminated Land under Part IIA EPA 1990	0	0	0	0	-	-

Report Reference: HMD-441-912071

If you would like any further assistance regarding this report then please contact GroundSure on (T) 08444 159 000, email: info@4c.groundsure.com

3. Landfill and Other Waste Sites	on-site	0-50	51-250	251-500	501-1000	1000-1500
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3.1 Landfill Sites

Environment Agency Registered landfill Sites	0	0	0	0	0	-
Landfill Data – Operational Landfill Sites	0	0	0	0	0	-
Environment Agency Historic Landfill Sites	0	0	4	1	1	0
Landfill Data – Non-Operational Landfill Sites	0	0	1	0	0	-
BGS/DoE Landfill Site Survey	0	0	0	0	0	0
GroundSure Local Authority Landfill Sites Data	0	0	0	0	0	0

3.2 Landfill and Other Waste Sites Findings

Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	-	-
Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	-	-
Environment Agency licensed Waste Sites	0	0	0	0	0	1

4. Current Land Uses	on-site	0-50	51-250	251-500	501-1000	1000-1500
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4.1 Current Industrial Sites Data	29	6	17	-	-	-
4.2 Records of Petrol and Fuel Sites	1	0	0	0	-	-
4.3 Underground High Pressure Oil and Gas Pipelines	0	0	0	0	-	-

5. Geology	Description
------------	-------------

5.1 Are there any records of Artificial Ground and Made Ground present beneath the study site? *	No
5.2 Are there any records of Superficial Ground and Drift Geology present beneath the study site? *	Yes
5.3 For records of Bedrock and Solid Geology beneath the study site* see the detailed findings section. Source: Scale: 1:50,000 BGS Sheet 295	

* This includes an automatically generated 50m buffer zone around the site.

6. Hydrogeology and Hydrology	on-site	0-50	51-250	251-500	501-1000	1001-2000
-------------------------------	---------	------	--------	---------	----------	-----------

6.1 Are there any records of Productive Strata in the Superficial Geology within 500m of the study site?				Yes		
6.2 Are there any records of Productive Strata in the Bedrock Geology within 500m of the study site?				Yes		
6.3 Groundwater Abstraction Licences (within 1000m of the study site).	0	0	0	3	0	-
6.4 Surface Water Abstraction Licences (within 1000m of the study site).	0	1	1	0	1	-
6.5 Potable Water Abstraction Licences (within 2000m of the study site).	0	0	0	0	0	0
6.6 Are there any Source Protection Zones within 500m of the study site?				No		
6.7 River Quality	on-site	0-50	51-250	251-500	501-1000	1001-1500
Is there any Environment Agency information on river quality within 1500m of the study site?	No	No	No	Yes	Yes	Yes
6.8 Detailed River Network entries within 500m of the site	3	1	2	0	-	-
6.9 Surface water features within 250m of the study site	Yes	Yes	Yes	-	-	-

7. Flooding

Report Reference: HMD-441-912071

If you would like any further assistance regarding this report then please contact GroundSure on (T) 08444 159 000, email: info@4c.groundsure.com

7.1 Are there any Environment Agency indicative Zone 2 floodplains within 250m of the study site?	Yes
7.2 Are there any Environment Agency indicative Zone 3 floodplains within 250m of the study site?	Yes
7.3 Are there any Flood Defences within 250m of the study site?	No
7.4 Are there any areas benefiting from Flood Defences within 250m of the study site?	No
7.5 Are there any areas used for Flood Storage within 250m of the study site?	No
7.6 What is the maximum BGS Groundwater Flooding susceptibility within 50m of the study site?	Low
7.7 What is the BGS confidence rating for the Groundwater Flooding susceptibility areas?	Low

8. Designated Environmentally Sensitive Sites	on-site	0-50	51-250	251-500	501-1000	1001-2000
8.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	0	0
8.2 Records of National Nature Reserves (NNR)	1	0	0	0	0	0
8.3 Records of Local Nature Reserves (LNR)	0	0	0	0	0	0
8.4 Records of Special Areas of Conservation (SAC)	0	0	0	0	0	0
8.5 Records of Special Protection Areas (SPA)	0	0	0	0	0	0
8.6 Records of Ramsar sites	0	0	0	0	0	0
8.7 Records of World Heritage Sites	0	0	0	0	0	0
8.8 Records of Environmentally Sensitive Areas	0	0	0	0	1	0
8.9 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	0	0
8.10 Records of National Parks	0	0	0	0	0	0
8.11 Records of Nitrate Sensitive Areas	0	0	0	0	0	0

9. Additional Information	on-site	0-50	51-250	250-500
9.1 Records of mobile phone transmitters	1	1	0	0
9.2 Records of potential sites of OfCom telecommunications masts	1	1	0	0
9.3 Records of transmission lines in proximity to the study site	9	0	0	0

10. Natural Hazards

10.1 What is the maximum risk of natural ground subsidence?	Moderate
10.2 Is the property in a radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level?	The property is in a Radon Affected Area, as between 10 and 30% of properties are above the Action Level
Is the property in an area where radon protection measures are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment?	Full radon protective measures are necessary

11. Mining

11.1 Are there any coal mining areas within 75m of the study site?	No
11.2 What is the risk of subsidence relating to shallow mining within 150m of the study site?	Negligible
11.3 Are there any brine affected areas within 75m of the study site?	No

Using this Report

The following report is designed by Environmental Consultants for Environmental Professionals bringing together the most up-to-date market leading environmental data. This report is provided under and subject to the Terms & Conditions agreed between GroundSure and the Client. The document contains the following sections:

1. Historical Industrial Sites

Provides information on past land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. Potentially Infilled Land features are also included. This search is conducted using radii of up to 250m.

2. Environmental Permits, Incidents and Registers

Provides information on Regulated Industrial Activities and Pollution Incidents as recorded by Regulatory Authorities, and sites determined as Contaminated Land. This search is conducted using radii up to 500m.

3. Landfills and Other Waste Sites

Provides information on landfills and other waste sites that may pose a risk to the study site. This search is conducted using radii up to 1500m.

4. Current Land Uses

Provides information on current land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. These searches are conducted using radii of up to 500m. This includes information on potentially contaminative industrial sites, petrol stations and fuel sites as well as high pressure underground oil and gas pipelines.

5. Geology

Provides information on artificial and superficial deposits and bedrock beneath the study site.

6. Hydrogeology and Hydrology

Provides information on groundwater vulnerability, soil leaching potential, abstraction licenses, Source Protection Zones (SPZ) and river quality. These searches are conducted using radii of up to 2000m.

7. Flooding

Provides information on surface water flooding, flood defences, flood storage areas and groundwater flood areas. This search is conducted using radii of up to 250m.

8. Designated Environmentally Sensitive Sites

Provides information on the Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNR), Special Areas of Conservation (SAC), Special Protection Areas (SPA), Ramsar sites, Local Nature Reserves (LNR), Areas of Outstanding Natural Beauty (AONB), National Parks (NP), Environmentally Sensitive Areas, Nitrate Sensitive Areas and World Heritage Sites. These searches are conducted using radii of up to 2000m.

9. Additional Information

Provides information on records of mobile phone transmitters, potential sites of OfCom telecommunication masts and overhead transmission lines up to 500m.

Report Reference: HMD-441-912071

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GroundSure on (T) 08444 159 000, email: info@4c.groundsure.com

10. Natural Hazards

Provides information on a range of natural hazards that may pose a risk to the study site. These factors include natural ground subsidence and radon.

11. Mining

Provides information on areas of coal and shallow mining.

12. Contacts

This section of the report provides contact points for statutory bodies and data providers that may be able to provide further information on issues raised within this report. Alternatively, GroundSure provide a free Technical Helpline (08444 159000) for further information and guidance.

Note: Maps

Only certain features are placed on the maps within the report. All features represented on maps found within this search are given an identification number. This number identifies the feature on the mapping and correlates it to the additional information provided below. This identification number precedes all other information and takes the following format -Id: 1, Id: 2, etc. Where numerous features on the same map are in such close proximity that the numbers would obscure each other a letter identifier is used instead to represent the features. (e.g. Three features which overlap may be given the identifier "A" on the map and would be identified separately as features 1A, 3A, 10A on the data tables provided).

Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

All distances given in this report are in Metres (m). Directions are given as compass headings such as N: North, E: East, NE: North East from the nearest point of the study site boundary.

1. Historical Industrial Sites

1.1 Potentially Contaminative Uses identified from High Detail (1:10,000 scale) Mapping

The systematic analysis of data extracted from standard 1:10,560 and 1:10,000 scale historical maps provides the following information:

Records of sites with a potentially contaminative past land use within 250m of the search boundary: 44

The following records are not represented on Mapping:

Distance [m]	Direction	Use	Date
0.0	On Site	Unspecified Pit	1903
0.0	On Site	Unspecified Pit	1931
0.0	On Site	Unspecified Ground Workings	1903
0.0	On Site	Unspecified Heap	1903
0.0	On Site	Unspecified Ground Workings	1956
0.0	On Site	Unspecified Pit	1932
0.0	On Site	Unspecified Ground Workings	1902
0.0	On Site	Unspecified Ground Workings	1932
0.0	On Site	Unspecified Ground Workings	1886
0.0	On Site	Unspecified Pit	1956
0.0	On Site	Unspecified Pit	1886
0.0	On Site	Unspecified Pit	1931
0.0	On Site	Unspecified Pit	1903
0.0	On Site	Unspecified Heap	1956
0.0	On Site	Unspecified Heaps	1932
0.0	On Site	Unspecified Pit	1956
0.0	On Site	Unspecified Level (B)	1956
2.0	N	Unspecified Pit	1956
12.0	E	Unspecified Heap	1956
19.0	E	Unspecified Heap	1931
46.0	N	Unspecified Heap	1886
61.0	N	Pumping Station	1976
95.0	N	Unspecified Pit	1903
99.0	N	Unspecified Ground Workings	1931
102.0	N	Unspecified Ground Workings	1956
102.0	S	Filter Station	1976
122.0	S	Unspecified Tanks	1976
133.0	W	Rifle Range	1886
141.0	N	Tramway Sidings	1931
179.0	NW	Unspecified Heap	1932
179.0	NW	Unspecified Heap	1902
182.0	NW	Unspecified Heap	1886
182.0	S	Unspecified Pit	1956
183.0	S	Unspecified Pit	1931
187.0	NW	Unspecified Ground Workings	1956
197.0	N	Refuse Heap	1903
203.0	N	Unspecified Ground Workings	1931
207.0	N	Tramway Sidings	1903
207.0	N	Unspecified Heap	1956
212.0	S	Unspecified Tank	1956
222.0	E	Corn Windmill	1885
225.0	N	Unspecified Ground Workings	1956
231.0	NW	Old Windmill	1903
235.0	E	Windmill	1904

1.2 Additional Information – Historical Tank Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

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Records of historical tanks within 100m of the search boundary:

13

The following records are not represented on Mapping:

Distance (m)	Direction	Use	Date
0.0	On Site	Tank (Unspecified)	1987
0.0	On Site	Tank (Unspecified)	1987
0.0	On Site	Tank (Unspecified)	1985
0.0	On Site	Tank (Unspecified)	1997
33.0	W	Tank (Unspecified)	1990
45.0	E	Tank (Unspecified)	1987
47.0	E	Tank (Unspecified)	1886
47.0	E	Tank (Unspecified)	1904
47.0	E	Tank (Unspecified)	1997
48.0	E	Tank (Unspecified)	1987
48.0	E	Tank (Unspecified)	1969
52.0	E	Tank (Unspecified)	1985
93.0	W	Tanks	1990

1.3 Additional Information – Historical Energy Features Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical energy features within 100m of the search boundary:

24

The following records are not represented on Mapping:

Distance (m)	Direction	Use	Date
0.0	On Site	Electricity Sub Station	1969
0.0	On Site	Electricity Sub Station	1987
0.0	On Site	Electricity Sub Station	1985
0.0	On Site	Electricity Sub Station	1997
0.0	On Site	Electricity Sub Station	1987
0.0	On Site	Electricity Sub Station	1987
0.0	On Site	Electricity Sub Station	1987
0.0	On Site	Electricity Sub Station	1997
1.0	E	Electricity Sub Station	1997
4.0	E	Electricity Sub Station	1987
7.0	E	Electricity Sub Station	1987
10.0	E	Electricity Sub Station	1985
13.0	E	Electricity Sub Station	1987
13.0	E	Electricity Sub Station	1985
16.0	E	Electricity Sub Station	1997
16.0	E	Electricity Sub Station	1987
45.0	E	Electricity Sub Station	1997
48.0	E	Electricity Transformer	1968
48.0	E	Electricity Sub Station	1977
48.0	SE	Electricity Sub Station	1987
58.0	SE	Electricity Sub Station	1985
61.0	SE	Electricity Sub Station	1997
61.0	SE	Electricity Sub Station	1987
61.0	SE	Electricity Sub Station	1969

1.4 Additional Information – Historical Petrol and Fuel Site Database

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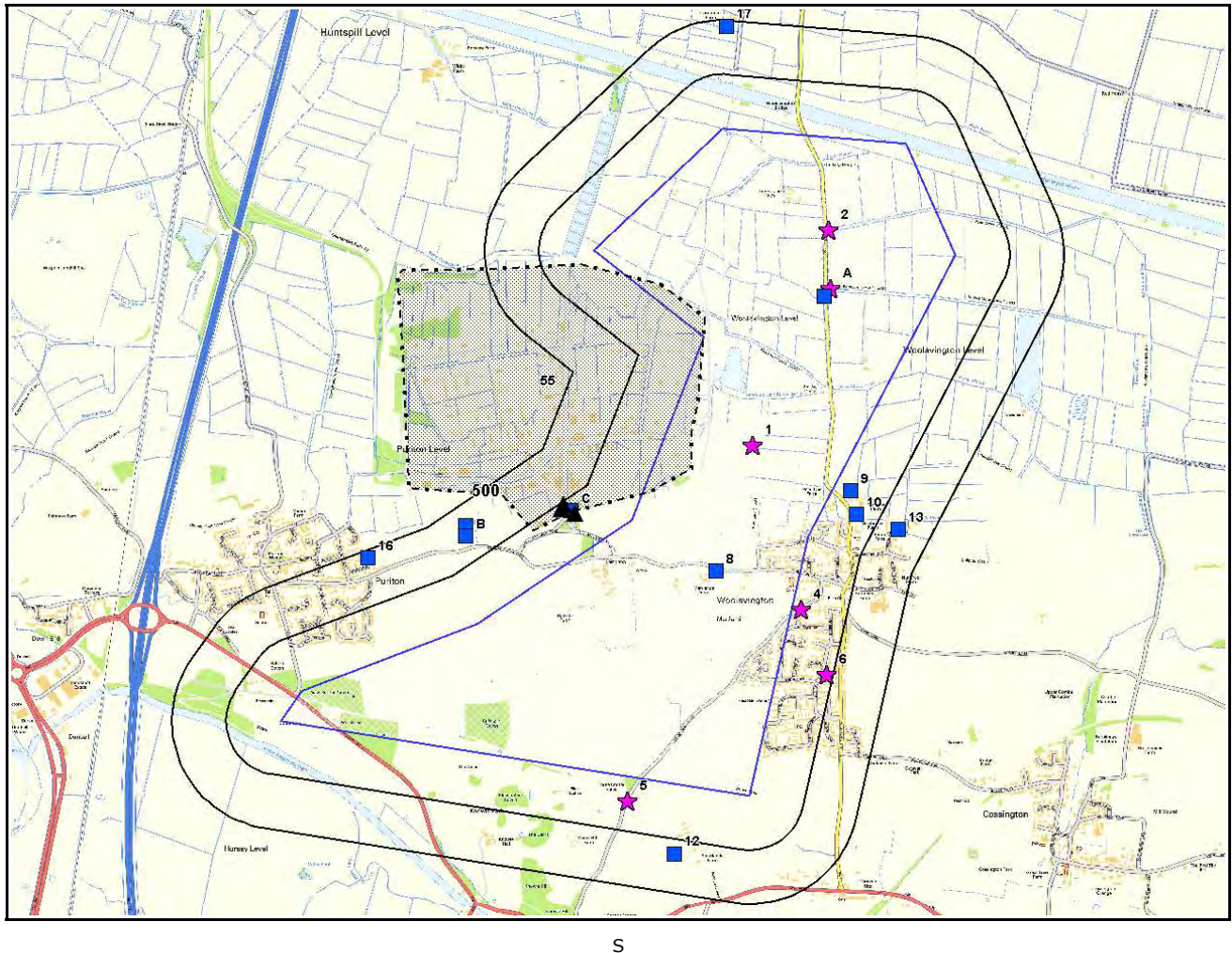
If you would like any further assistance regarding this report then please contact
 GroundSure on (T) 08444 159 000, email: info@4c.groundsure.com

0.0	On Site	Unspecified Quarry	1903
0.0	On Site	Pond	1903
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Unspecified Quarry	1931
0.0	On Site	Unspecified Quarry	1903
0.0	On Site	Unspecified Quarry	1932
0.0	On Site	Pond	1903
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Unspecified Quarry	1902
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Unspecified Ground Workings	1956
0.0	On Site	Unspecified Pit	1932
0.0	On Site	Unspecified Ground Workings	1932
0.0	On Site	Unspecified Ground Workings	1902
0.0	On Site	Unspecified Ground Workings	1886
0.0	On Site	Pond	1931
0.0	On Site	Unspecified Pit	1956
0.0	On Site	Unspecified Pit	1886
0.0	On Site	Unspecified Pit	1931
0.0	On Site	Unspecified Pit	1903
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Unspecified Heap	1956
0.0	On Site	Unspecified Heaps	1932
0.0	On Site	Unspecified Pit	1956
0.0	On Site	Unspecified Old Quarries	1902
2.0	N	Unspecified Pit	1956
12.0	E	Unspecified Heap	1956
19.0	E	Unspecified Heap	1931
19.0	E	Unspecified Old Quarry	1903
21.0	S	Pond	1931
23.0	S	Covered Reservoir	1976
34.0	S	Pond	1931
34.0	NW	Covered Reservoirs	1976
37.0	NW	Covered Reservoirs	1976
46.0	N	Unspecified Heap	1886
79.0	W	Water Body	1976
83.0	W	Water Body	1956
86.0	SE	Pond	1931
95.0	N	Unspecified Pit	1903
99.0	N	Unspecified Ground Workings	1931
100.0	NW	Pond	1931

Report Reference: HMD-441-912071

If you would like any further assistance regarding this report then please contact GroundSure on (T) 08444 159 000, email: info@4c.groundsure.com

2. Environmental Permits, Incidents and Registers Map



Authorisations, Incidents and Registers Legend



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	Site Outline		Recorded Pollution Incident		RAS 3 & 4 Authorisations
	Search Buffers (m)		Dangerous Substances (List 1)		Part A(1) Authorised Processes and Historic IPC Authorisations
			Dangerous Substances (List 2)		Part A(2) and Part B Authorised Processes
			Water Industry Referrals		COMAH / NIHHS Sites
			Licenced Discharge Consents		Sites Determined as Contaminated Land
			Red List Discharge Consents		Hazardous Substance Consents and Enforcements

2.Environmental Permits, Incidents and Registers

2.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency and Local Authorities reveal the following information:

Records of historic IPC Authorisations within 500m of the study site:

28

The following IPC Authorisations are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance [m]	Direction	NGR	Details
65C	170.0	NW	333500, 141800	Operator: Bae Systems Ro Defence Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes Permit Number: BB9504 Original Permit Number: IPCMINVAR Date Approved: - Effective Date: - Status: Valid
66C	170.0	NW	333500, 141800	Operator: Bae Systems Ro Defence Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes Permit Number: BA2466 Original Permit Number: IPCMINVAR Date Approved: - Effective Date: - Status: Valid
67C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes Permit Number: BC7914 Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
68C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Manufacture And Use Of Organic Chemicals Permit Number: BF2633 Original Permit Number: IPCMINVAR Date Approved: 30-1-1999 Effective Date: 31-1-1999 Status: Superseded By Variation
69C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Woolavington Road, Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes Permit Number: AW8092 Original Permit Number: IPCAPP Date Approved: 27-1-1997 Effective Date: 3-2-1997 Status: Superseded By Variation
70C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes Permit Number: BF2544 Original Permit Number: IPCMINVAR Date Approved: 30-1-1999 Effective Date: 31-1-1999 Status: Revoked
71C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes Permit Number: AL3833 Original Permit Number: IPCAIRAPP Date Approved: 19-10-1994 Effective Date: 31-10-1994 Status: Superseded By Variation
72C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes Permit Number: BF2528 Original Permit Number: IPCMINVAR Date Approved: 30-1-1999 Effective Date: 31-1-1999 Status: Revoked - Now Ippc
73C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes Permit Number: BF2471 Original Permit Number: IPCMINVAR Date Approved: 30-1-1999 Effective Date: 31-1-1999 Status: Revoked - Now Ippc
74C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Manufacture And Use Of Organic Chemicals Permit Number: AL8886 Original Permit Number: IPCAIRAPP Date Approved: 22-8-1994 Effective Date: 31-8-1994 Status: Superseded By Variation

75C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes	Permit Number: AL8991 Original Permit Number: IPCAIRAPP Date Approved: 22-8-1994 Effective Date: 31-8-1994 Status: Superseded By Variation
76C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Manufacture And Use Of Organic Chemicals	Permit Number: AS7183 Original Permit Number: IPCAPP Date Approved: 31-7-1996 Effective Date: 31-7-1996 Status: Superseded By Variation
77C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Woolavington Road, Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes	Permit Number: BF2684 Original Permit Number: IPCMINVAR Date Approved: 30-1-1999 Effective Date: 31-1-1999 Status: Revoked
78C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Recovery Processes	Permit Number: BC7892 Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
79C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes	Permit Number: BF2676 Original Permit Number: IPCMINVAR Date Approved: 30-1-1999 Effective Date: 31-1-1999 Status: Revoked - Now Ippc
80C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes	Permit Number: BC7906 Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
81C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes	Permit Number: BD7405 Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
82C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Manufacture And Use Of Organic Chemicals	Permit Number: BC7884 Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
83C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes	Permit Number: AX0054 Original Permit Number: IPCMINVAR Date Approved: 9-1-1997 Effective Date: 16-1-1997 Status: Superseded By Variation
84C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes	Permit Number: AL8924 Original Permit Number: IPCAIRAPP Date Approved: 26-8-1994 Effective Date: 31-8-1994 Status: Superseded By Variation
85C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Recovery Processes	Permit Number: AL8908 Original Permit Number: IPCAIRAPP Date Approved: 23-8-1994 Effective Date: 31-8-1994 Status: Superseded By Variation
86C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes	Permit Number: BC9097 Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
87C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Manufacture And Use Of Organic Chemicals	Permit Number: BD2411 Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation
88C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Manufacture And Use Of Organic Chemicals	Permit Number: BF6167 Original Permit Number: IPCMAJVAR Date Approved: 28-3-2002 Effective Date: 31-3-2002 Status: Revoked - Now Ippc
89C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes	Permit Number: AN9034 Original Permit Number: IPCAIRAPP Date Approved: 21-11-1994 Effective Date: 22-11-1994 Status: Superseded By Variation

90C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Manufacture And Use Of Organic Chemicals	Permit Number: BF2706 Original Permit Number: IPCMINVAR Date Approved: 30-1-1999 Effective Date: 31-1-1999 Status: Revoked
91C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Puriton, Bridgwater, Somerset, TA7 8AD Process: Recovery Processes	Permit Number: BF2552 Original Permit Number: IPCMINVAR Date Approved: 30-1-1999 Effective Date: 1-2-1999 Status: Revoked - Now Ippc
92C	220.0	NW	333440, 141820	Operator: Bae Systems Land Systems (munitions and Ordnance) Plc Address: Woolavington Road, Puriton, Bridgwater, Somerset, TA7 8AD Process: Acid Processes	Permit Number: BD7090 Original Permit Number: IPCMINVAR Date Approved: 24-11-1998 Effective Date: 30-11-1998 Status: Superseded By Variation

Records of Part A(1) and IPPC Authorised Activities within 500m of the study site:

9

The following Part A(1) and IPPC Authorised Activities are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance [m]	Direction	NGR	Details	
56C	231.0	NW	333450, 141840	Operator: Bae Systems Land Systems (munitions And Ordnance) Limited Installation Name: Bae Systems (bridgwater) Process: EXPLOSIVES; PRODUCING EXPLOSIVES	Permit Number: FP3433GT Original Permit Number: GP3035LF EPR Reference: EA/EPR/GP3035LF/S003 Issue Date: - Effective Date: 31/3/2009 Last date noted as effective: 2013-01-23 Status: Surrender Effective
57C	231.0	NW	333450, 141840	Operator: Bae Systems Land Systems (munitions And Ordnance) Limited Installation Name: Bae Systems (bridgwater) Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES	Permit Number: FP3433GT Original Permit Number: GP3035LF EPR Reference: EA/EPR/GP3035LF/S003 Issue Date: - Effective Date: 31/3/2009 Last date noted as effective: 2013-01-23 Status: Surrender Effective
58C	231.0	NW	333450, 141840	Operator: Bae Systems Land Systems (munitions And Ordnance) Limited Installation Name: Bae Systems (bridgwater) Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES	Permit Number: GP3035LF Original Permit Number: GP3035LF EPR Reference: EA/EPR/GP3035LF/S003 Issue Date: 22/11/2006 Effective Date: 22/11/2006 Last date noted as effective: 2013-01-23 Status: Superseded
59C	231.0	NW	333450, 141840	Operator: Bae Systems Land Systems (munitions And Ordnance) Limited Installation Name: Bae Systems (bridgwater) Process: EXPLOSIVES; PRODUCING EXPLOSIVES	Permit Number: RP3836MW Original Permit Number: GP3035LF EPR Reference: - Issue Date: 1/2/2007 Effective Date: 31/1/2007 Last date noted as effective: 2013-01-23 Status: Superseded
60C	231.0	NW	333450, 141840	Operator: Bae Systems Land Systems (munitions And Ordnance) Limited Installation Name: Bae Systems (bridgwater) Process: INORGANIC CHEMICALS; SALTS EG AMMONIUM CHLORIDE	Permit Number: RP3836MW Original Permit Number: GP3035LF EPR Reference: - Issue Date: 1/2/2007 Effective Date: 31/1/2007 Last date noted as effective: 2013-01-23 Status: Superseded
61C	231.0	NW	333450, 141840	Operator: Bae Systems Land Systems (munitions And Ordnance) Limited Installation Name: Bae Systems (bridgwater) Process: INORGANIC CHEMICALS; SALTS EG AMMONIUM CHLORIDE	Permit Number: FP3433GT Original Permit Number: GP3035LF EPR Reference: EA/EPR/GP3035LF/S003 Issue Date: - Effective Date: 31/3/2009 Last date noted as effective: 2013-01-23 Status: Surrender Effective

62C	231.0	NW	333450, 141840	Operator: Bae Systems Land Systems (munitions And Ordnance) Limited Installation Name: Bae Systems (bridgwater) Process: INORGANIC CHEMICALS; SALTS EG AMMONIUM CHLORIDE	Permit Number: GP3035LF Original Permit Number: GP3035LF EPR Reference: EA/EPR/GP3035LF/S003 Issue Date: 22/11/2006 Effective Date: 22/11/2006 Last date noted as effective: 2013-01-23 Status: Superseded
63C	231.0	NW	333450, 141840	Operator: Bae Systems Land Systems (munitions And Ordnance) Limited Installation Name: Bae Systems (bridgwater) Process: ORGANIC CHEMICALS; NITROGEN CONTAINING COMPOUNDS EG AMINES	Permit Number: RP3836MW Original Permit Number: GP3035LF EPR Reference: - Issue Date: 1/2/2007 Effective Date: 31/1/2007 Last date noted as effective: 2013-01-23 Status: Superseded
64C	231.0	NW	333450, 141840	Operator: Bae Systems Land Systems (munitions And Ordnance) Limited Installation Name: Bae Systems (bridgwater) Process: EXPLOSIVES; PRODUCING EXPLOSIVES	Permit Number: GP3035LF Original Permit Number: GP3035LF EPR Reference: EA/EPR/GP3035LF/S003 Issue Date: 22/11/2006 Effective Date: 22/11/2006 Last date noted as effective: 2013-01-23 Status: Superseded

Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site: **0**

Database searched and no data found.

Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site: **0**

Database searched and no data found.

Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site: **0**

Database searched and no data found.

Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site: **0**

Database searched and no data found.

Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site: **0**

Database searched and no data found.

Records of Category 3 or 4 Radioactive Substance Licences within 500m of the study site: **0**

Database searched and no data found.

Records of Licensed Discharge Consents within 500m of the study site: **11**

The following Licensed Discharge Consents records are represented as points on the Authorisations, Incidents and Registers map:

[Report Reference: HMD-441-912071](#)

ID	Distance [m]	Direction	NGR	Details	
7A	0.0	On Site	334650, 142810	Address: Causeway Ps, Woolavington, Somerset, . Effluent Type: Sewage Discharges - Pumping Station - Water Company Permit Number: 072659 Permit Version: 1	Receiving Water: Huntspill River (s) Status: New Consent, By Application (wra 91, Section 113 & Sched 12) Issue date: 30/1/1996 Effective Date: 15/1/1996 Revocation Date: -
8	0.0	On Site	334153, 141538	Address: Martlands Farm, Woolavington, Bridgwater, Somerset, TA7 8ED Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: NPSWQD000788 Permit Version: 1	Receiving Water: Un Named Ditch Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 20/3/2008 Effective Date: 20/3/2008 Revocation Date: -
9	73.0	SE	334770, 141910	Address: Meadow Farm Pumping Station, Woolavington, . Effluent Type: Sewage Discharges - Pumping Station - Water Company Permit Number: 101713 Permit Version: 1	Receiving Water: Trib Of Huntspill River(s) Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 15/2/2002 Effective Date: 1/4/2002 Revocation Date: -
10	151.0	SE	334800, 141800	Address: Meadow Farm, Woolavington Effluent Type: Sewage Discharges - Pumping Station - Water Company Permit Number: 070862 Permit Version: 1	Receiving Water: M/h 1, Ditch Status: Revoked - Unspecified Issue date: - Effective Date: - Revocation Date: 31/3/2002
11C	192.0	NW	333486, 141817	Address: Rof Puriton, Woolavington, Puriton, Bridgwater, Somerset, TA7 8AD Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: EPRAP3820XJ Permit Version: 1	Receiving Water: Tributary Of Huntspill River Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 20/5/2010 Effective Date: 20/5/2010 Revocation Date: -
12	321.0	S	333960, 140230	Address: Stocklands Farm, Bath Road, Knowle, Bridgwater, Somerset, TA7 8PN Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 103238 Permit Version: 1	Receiving Water: Soakaway Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: - Effective Date: - Revocation Date: -
13	352.0	SE	334990, 141730	Address: Newhouse Farm, Woolavington, Bridgwater, Somerset Effluent Type: Agriculture - Arable Farming Permit Number: 081853 Permit Version: 1	Receiving Water: Trib Of Lower Brue Status: Consent Revoked - Discharge Ceased (wra 91, Sched 10 & 6) Issue date: - Effective Date: 6/2/1974 Revocation Date: -
14B	367.0	NW	333000, 141700	Address: The Paddocks, Puriton, Bridgwater, Somerset, TA7 8AA Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 102414 Permit Version: 1	Receiving Water: Soakaway Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 8/4/2004 Effective Date: 21/1/2004 Revocation Date: -
15B	408.0	NW	333000, 141750	Address: The Paddocks, Puriton, Bridgwater, Somerset, TA7 8AA Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 102413 Permit Version: 1	Receiving Water: Soakaway Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 22/3/2004 Effective Date: 21/1/2004 Revocation Date: -
16	465.0	N	332550, 141600	Address: Detached Bungalow, Waterloo, Puriton, Somerset, TA7 8BB Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 100567 Permit Version: 1	Receiving Water: Soakaway Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: - Effective Date: 22/5/1998 Revocation Date: -
17	472.0	N	334200, 144060	Address: Cornmoor Farm, Cornmoor Lane, East Huntspill, Somerset, TA9 3NZ Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 101341 Permit Version: 1	Receiving Water: Soakaway Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: - Effective Date: 9/11/2000 Revocation Date: -

Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site: 0
[Report Reference: HMD-441-912071](#)

Database searched and no data found.

2.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site:

1

The following COMAH & NIHHS Authorisation records provided by the Health and Safety Executive are represented as polygons or buffered points on the Authorisations, Incidents and Registers map:

ID	Distance [m]	Direction	NGR	Address	Type	Update
55	0.0	On Site	333400, 142300	british aerospace defence ro plc,bridgewater,ta7 8ad	COMAH	2001

2.3 Environment Agency Recorded Pollution Incidents

Records of National Incidents Recording System, List 2 within 250m of the study site:

6

The following NIRS List 2 records are represented as points on the Authorisations, Incidents and Registers Map:

ID	Distance [m]	Direction	NGR	Details
1	0.0	On Site	334320, 142120	Incident Date: 17/8/2001 Incident Identification: 24817 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
2	0.0	On Site	334669, 143116	Incident Date: 19/6/2003 Incident Identification: 167193 Pollutant: Specific Waste Materials Pollutant Description: Tyres Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
3A	0.0	On Site	334676, 142846	Incident Date: 22/5/2003 Incident Identification: 160152 Pollutant: Specific Waste Materials Pollutant Description: Tyres Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
4	36.0	E	334539, 141361	Incident Date: 16/8/2001 Incident Identification: 24770 Pollutant: Sewage Materials Pollutant Description: Storm Sewage Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
5	110.0	S	333743, 140478	Incident Date: 15/7/2002 Incident Identification: 91739 Pollutant: Specific Waste Materials Pollutant Description: Other Specific Waste Material Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
6	220.0	E	334660, 141063	Incident Date: 3/10/2003 Incident Identification: 194255 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

Records of National Incidents Recording System, List 1 within 250m of the study site:

0

Database searched and no data found.

2.4 Sites Determined as Contaminated Land under Part IIA EPA 1990¹

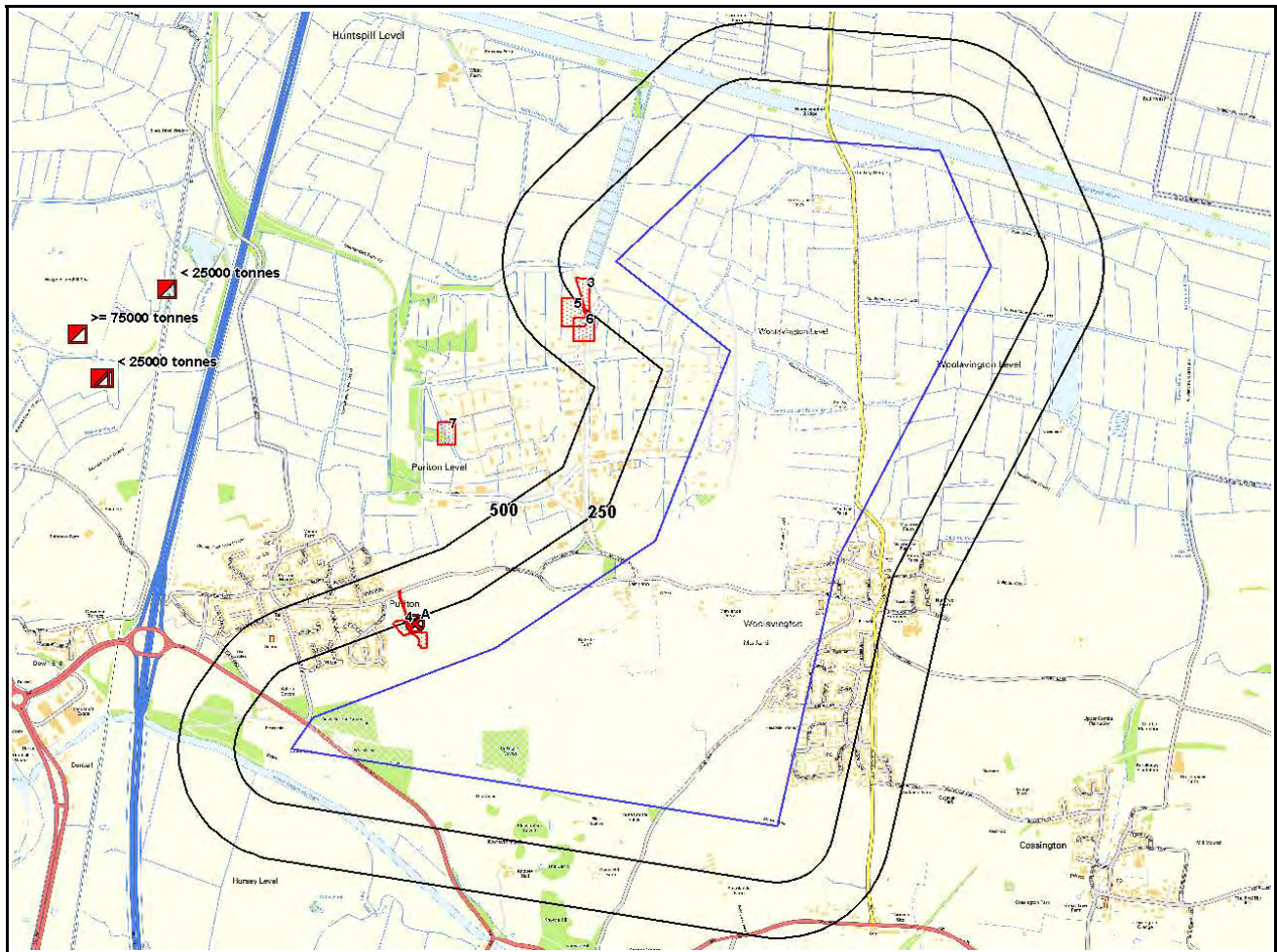
¹Further information on sites that have been determined under the Contaminated Land Regime is maintained by Local Authorities under Section 78R of the Environmental Protection Act 1990. Information should be available on both sites currently determined as Contaminated Land and Special Sites.

How many records of sites determined as contaminated land under Section 78R of the Environmental Protection Act 1990 are there within 500m of the study site?

0

Database searched and no data found.














3. Landfill and Other Waste Sites Map



Landfill & Other Waste Sites Legend

Mapping sourced from
Ordnance Survey

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- | | | |
|--|---|--|
|  Site Outline |  E.A. Active Landfill |  Operational Waste Treatment Licence |
|  Search Buffers (m) |  E.A. Historic Landfill (Area Data) |  Closed Waste Treatment Licence |
| |  E.A. Historic Landfill (Point Data) |  REGIS Waste Licence |
| |  BGS / DoE Survey Landfill |  Operational Landfill |
| |  Local Authority Landfill (Area Data) |  Closed Landfill |
| |  Local Authority Landfill (Point Data) | |

3. Landfill and Other Waste Sites

3.1 Landfill Sites

Records from Environment Agency landfill data within 1000m of the study site: **0**

Database searched and no data found.

Records of operational landfill sites sourced from Landmark within 1000m of the study site: **0**

Database searched and no data found.

Records of Environment Agency historic landfill sites within 1500m of the study site: **6**

The following landfill records are represented as either points or polygons on the Landfill and Other Waste Sites map:

ID	Distance [m]	Direction	NGR	Details
2A	109.0	N	332700, 141300	Site Address: Puriton Park, Woolavington Road, Purinton, Bridgwater, Somerset Waste Licence: Yes Site Reference: WDL/220 Waste Type: Inert, Industrial Regis Reference: - Licence Issue: 31-Dec-1988 Licence Surrendered: 04-Feb-1993 Licence Hold Address: The Drove, Castlefields Bristol Road, Bridgwater, Somerset Operator: -
3	141.0	SW	333400, 142800	Site Address: Royal Ordnance Factory, Puriton, Bridgwater, Somerset Waste Licence: Yes Site Reference: WDL/491 Waste Type: Inert, Industrial, Household, Special Regis Reference: - Licence Issue: 31-Dec-1992 Licence Surrendered: - Licence Hold Address: - Operator: -
4	194.0	N	332600, 141300	Site Address: Disused Quarry East Of Puriton Park, Puriton, Puriton Park Waste Licence: Yes Site Reference: WDL/231 Waste Type: Inert, Industrial, Household Regis Reference: - Licence Issue: 06-Apr-1989 Licence Surrendered: - Licence Hold Address: The Drove, Castlefields, Bristol Road, Bridgwater, Somerset Operator: -
5	230.0	SW	333300, 142700	Site Address: Royal Ordnance Factory, Puriton, Bridgwater, Somerset Waste Licence: Yes Site Reference: WDL/491 Waste Type: Inert, Industrial, Household, Special Regis Reference: - Licence Issue: 31-Dec-1992 Licence Surrendered: - Licence Hold Address: - Operator: -
6	258.0	SW	333400, 142700	Site Address: Royal Ordnance Factory, Puriton, Bridgwater, Somerset Waste Licence: - Site Reference: US 116 Waste Type: Inert Regis Reference: - Licence Issue: - Licence Surrendered: - Licence Hold Address: - Operator: -
7	850.0	NW	332800, 142200	Site Address: Royal Ordnance Factory, Puriton, Bridgwater, Somerset Waste Licence: - Site Reference: US 125 Waste Type: Inert Regis Reference: - Licence Issue: - Licence Surrendered: - Licence Hold Address: - Operator: -

Records of non-operational landfill sites sourced from Landmark within 1000m of the study site: **1**

Report Reference: HMD-441-912071

The following landfill records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance [m]	Direction	NGR	Details
1A	224.0	N	332700, 141400	<p>Site Address: Dis. Quarry East of Puriton Park, Puriton, BRIDGWATER, Somerset</p> <p>Landfill Licence: 360AGHAL</p> <p>Agency Reference:</p> <p>Waste Type: Inert</p> <p>Waste Description: Inert Landfill</p> <p>Known Restrictions: No known restriction on source of waste</p> <p>Record Date: 31-Mar-1989</p> <p>Transfer Date:</p> <p>Modification Date:</p> <p>Status: Licence known to be surrendered</p> <p>Category: LANDFILL</p> <p>Regulator: EA - South West Region - North Wessex Area (Bridgwater)</p> <p>Size: Undefined</p>

Records of BGS/DoE non-operational landfill sites within 1500m of the study site: 0

Database searched and no data found.

Records of Local Authority landfill sites within 1500m of the study site: 0

Database searched and no data found.

3.2 Other Waste Sites

Records of operational waste treatment, transfer or disposal sites within 500m of the study site: 0

Database searched and no data found.

Records of non-operational waste treatment, transfer or disposal sites within 500m of the study site: 0

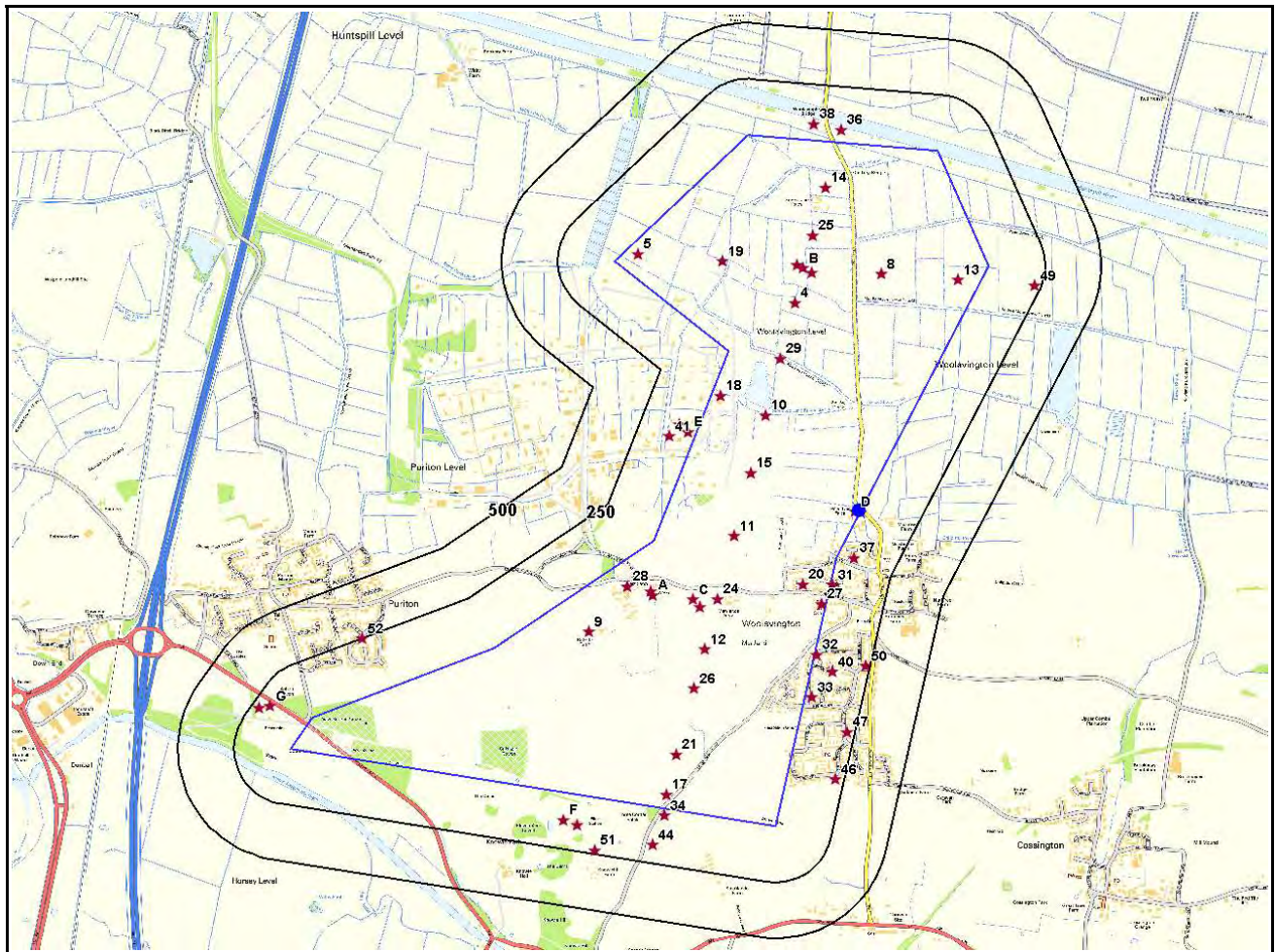
Database searched and no data found.

Records of Environment Agency licensed waste sites within 1500m of the study site: 1

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance [m]	Direction	NGR	Details
Not shown	1344.0	S	333995, 139188	<p>Site Address: Bradney Depot, Bradney Lane, Bawdrip, Bridgwater, Somerset, TA7 8PZ</p> <p>Type: Special Waste Transfer Station</p> <p>Size: < 25000 tonnes</p> <p>Regis Licence Number: EAL002</p> <p>Operator: Environment Agency- South West Region- North Wessex Area</p> <p>Surrendered Date: -</p> <p>Waste Management licence No: 86367</p> <p>Annual Tonnage: 4999.0</p> <p>Issue Date: 23/05/2005</p> <p>Expiry Date: -</p> <p>Effective Date: -</p> <p>Status: Revoked</p> <p>Modified: -</p> <p>Site Name: Bradney Depot</p> <p>Cancelled Date: -</p> <p>Correspondence Address: -, -</p>

4. Current Land Use Map



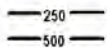
Current Land Use Legend



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Site Outline



Search Buffers (m)



Current Industrial Sites



Petrol & Fuel Sites



Underground High Pressure Oil & Fuel Pipelines

4. Current Land Uses

4.1 Current Industrial Data

Records of potentially contaminative industrial sites within 250m of the study site:

52

The following records are represented as points on the Current Land Uses map.

ID	Distance [m]	Direction	Company	Address	Activity	Category
1 D	0.0	On Site	Ralph Bailey Trailers	Pear Tree Farm, The Causeway, Woolavington, Bridgwater, TA7 8DN	Lifting and Handling Equipment	Industrial Products
2A	0.0	On Site	Double M Restorations	Woolavington Road, Puriton, Bridgwater, TA7 8AA	Vehicle Repair, Testing and Servicing	Repair and Servicing
3A	0.0	On Site	Works	TA7	Unspecified Works Or Factories	Industrial Features
4	0.0	On Site	Pylon	TA9	Electrical Features	Infrastructure and Facilities
5	0.0	On Site	Pylon	TA9	Electrical Features	Infrastructure and Facilities
6B	0.0	On Site	Pylon	TA9	Electrical Features	Infrastructure and Facilities
7B	0.0	On Site	Pylon	TA9	Electrical Features	Infrastructure and Facilities
8	0.0	On Site	Pylon	TA9	Electrical Features	Infrastructure and Facilities
9	0.0	On Site	K R G Transport Ltd	Hillside Farm, Woolavington Road, Puriton, Bridgwater, TA7 8AA	Distribution and Haulage	Transport, Storage and Delivery
10	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
11	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
12	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
13	0.0	On Site	Pylon	TA9	Electrical Features	Infrastructure and Facilities
14	0.0	On Site	Pylon	TA9	Electrical Features	Infrastructure and Facilities
15	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
16 B	0.0	On Site	Pylon	TA9	Electrical Features	Infrastructure and Facilities
17	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
18	0.0	On Site	Factory	TA7	Unspecified Works Or Factories	Industrial Features
19	0.0	On Site	Pylon	TA9	Electrical Features	Infrastructure and Facilities
20	0.0	On Site	Electricity Sub Station	TA7	Electrical Features	Infrastructure and Facilities
21	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
22 C	0.0	On Site	Slurry Pit	TA7	Waste Storage, Processing and Disposal	Infrastructure and Facilities
23 C	0.0	On Site	Clive Stone	The Yards, Woolavington Road, Puriton, Bridgwater, TA7 8AA	Livestock Farming	Farming
24	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
25	0.0	On Site	Pylon	TA9	Electrical Features	Infrastructure and Facilities
26	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
27	0.0	On Site	Tank	TA7	Tanks (Generic)	Industrial Features
28	0.0	On Site	J P Stone	East Farm, Woolavington Road, Puriton, Bridgwater, TA7 8AA	Livestock Farming	Farming
29	0.0	On Site	Pylon	TA9	Electrical Features	Infrastructure and Facilities

Report Reference: HMD-441-912071

30 D	1.0	SE	Pumping Station	TA7	Water Pumping Stations	Industrial Features
31	6.0	E	Electricity Sub Station	TA7	Electrical Features	Infrastructure and Facilities
32	7.0	E	Electricity Sub Station	TA7	Electrical Features	Infrastructure and Facilities
33	28.0	E	Electricity Sub Station	TA7	Electrical Features	Infrastructure and Facilities
34	30.0	S	Slurry Pits	TA7	Waste Storage, Processing and Disposal	Infrastructure and Facilities
35 E	36.0	W	Tank	TA7	Tanks (Generic)	Industrial Features
36	57.0	N	Pylon	TA9	Electrical Features	Infrastructure and Facilities
37	67.0	SE	Electricity Sub Station	TA7	Electrical Features	Infrastructure and Facilities
38	73.0	N	Pumping Station	TA9	Water Pumping Stations	Industrial Features
39 E	85.0	W	Tanks	TA7	Tanks (Generic)	Industrial Features
40	91.0	E	S R C Maintenance Services	20, Bawden Close, Woolavington, Bridgwater, TA7 8HD	Vehicle Repair, Testing and Servicing	Repair and Servicing
41	107.0	W	Tank	TA7	Tanks (Generic)	Industrial Features
42 F	122.0	S	Tanks	TA7	Tanks (Generic)	Industrial Features
43 F	136.0	S	Tanks	TA7	Tanks (Generic)	Industrial Features
44	169.0	S	Pylon	TA7	Electrical Features	Infrastructure and Facilities
45 G	182.0	NW	Andee Knits Ltd	Woodside, Puriton Hill, Puriton, Bridgwater, TA7 8AG	Textiles, Fabrics, Silk and Machinery	Industrial Products
46	212.0	E	J W Groundwork	1, Sedgemoor Way, Woolavington, Bridgwater, TA7 8JE	Agricultural Contractors	Contract Services
47	215.0	E	Electricity Sub Station	TA7	Electrical Features	Infrastructure and Facilities
48 G	218.0	NW	Quantock Caravan Services Ltd	Meadow View, Puriton Hill, Puriton, Bridgwater, TA7 8AG	Distribution and Haulage	Transport, Storage and Delivery
49	221.0	SE	Pylon	TA9	Electrical Features	Infrastructure and Facilities
50	230.0	E	Electricity Sub Station	TA7	Electrical Features	Infrastructure and Facilities
51	233.0	S	Pumping House	TA7	Water Pumping Stations	Industrial Features
52	249.0	N	Electricity Sub Station	TA7	Electrical Features	Infrastructure and Facilities

4.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site:

1

The following petrol or fuel site records provided by Catalist are represented as points on the Current Land Use map:

ID	Distance [m]	Direction	NGR	Company	Address	LPG	Status
53 D	0.0	On Site	334677, 141912	Obsolete	Causeway Garage, Causeway, Causeway, Woolavington, Bridgwater, Somerset, TA7 8DN	Not Applicable	Obsolete

4.3 Underground High Pressure Oil and Gas Pipelines

Records of high pressure underground pipelines within 500m of the study site:

0

Report Reference: HMD-441-912071

5. Geology

5.1 Artificial Ground and Made Ground

Database searched and no data found.

The database has been searched on site, including a 50m buffer.

5.2 Superficial Ground and Drift Geology

The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
TFD-CLSS	TIDAL FLAT DEPOSITS	CLAY, SILT AND SAND
TFD-CLSS	TIDAL FLAT DEPOSITS	CLAY, SILT AND SAND

(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

5.3 Bedrock and Solid Geology

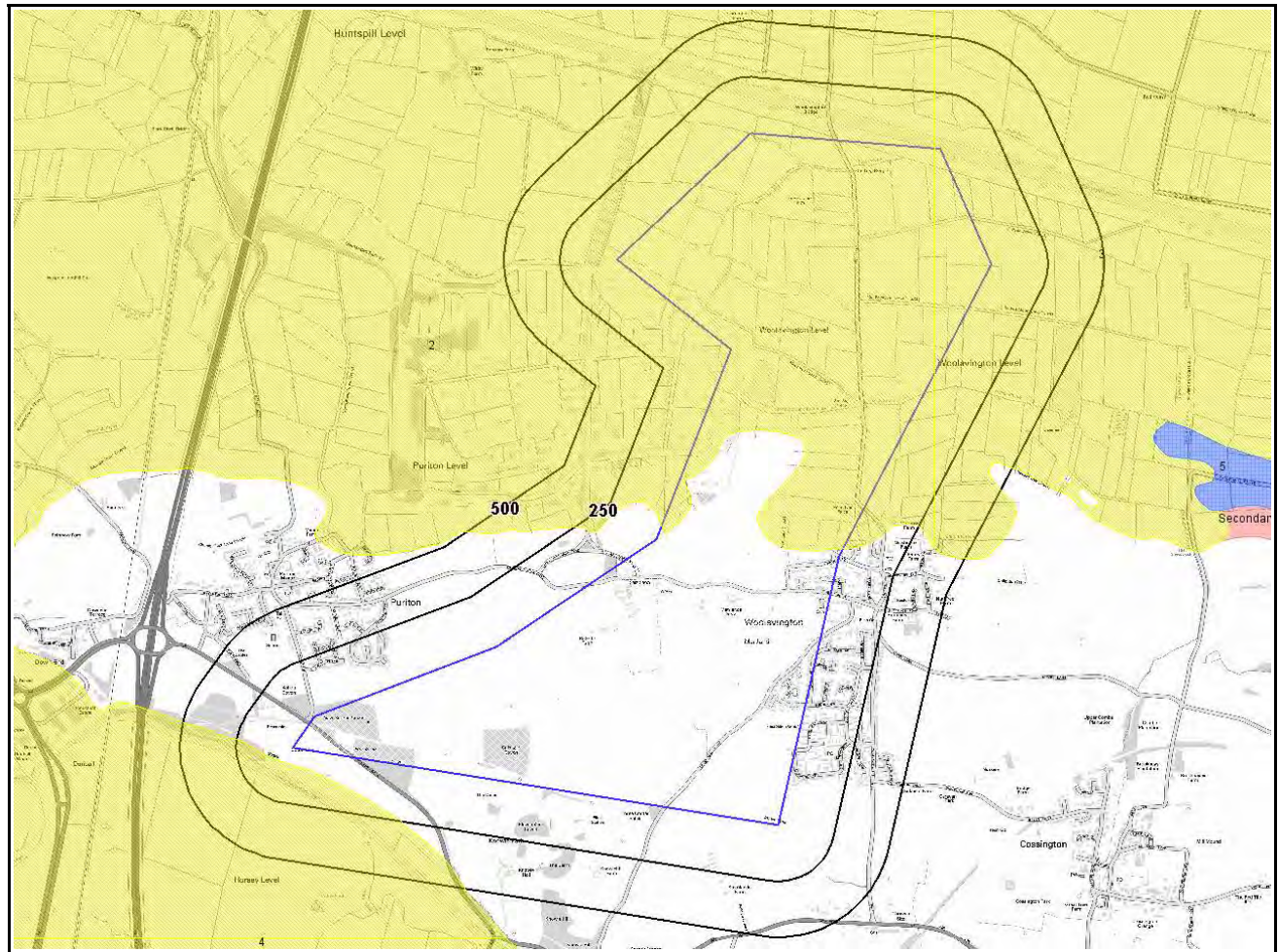
The database has been searched on site, including a 50m buffer.

LEX Code	Description	Rock Type
BAN-MDST	BLUE ANCHOR FORMATION	MUDSTONE
WBCT-MDLM	WESTBURY FORMATION AND COTHAM MEMBER (UNDIFFERENTIATED)	MUDSTONE AND LIMESTONE, INTERBEDDED
LPBLC-MDLM	LANGPORT MEMBER, BLUE LIAS FORMATION AND CHARMOUTH MUDSTONE FORMATION (UNDIFFERENTIATED)	MUDSTONE AND LIMESTONE, INTERBEDDED
LPBLC-MDST	LANGPORT MEMBER, BLUE LIAS FORMATION AND CHARMOUTH MUDSTONE FORMATION (UNDIFFERENTIATED)	MUDSTONE
MMG-MDHA	MERCIA MUDSTONE GROUP	MUDSTONE AND HALITE-STONE

(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

For more detailed geological and ground stability data please refer to the "GroundSure Geology and Ground Stability Report". Available from our website.

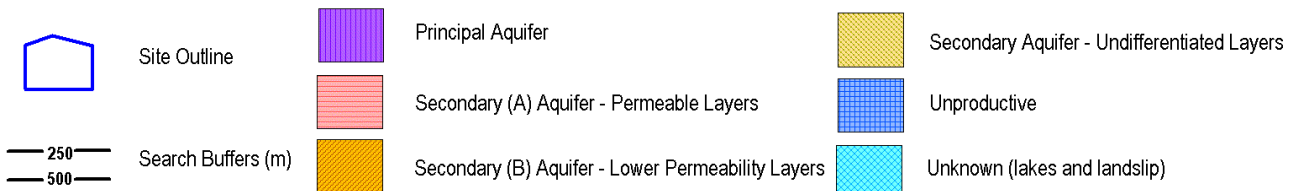
6a. Hydrogeology - Aquifer Within Superficial Geology



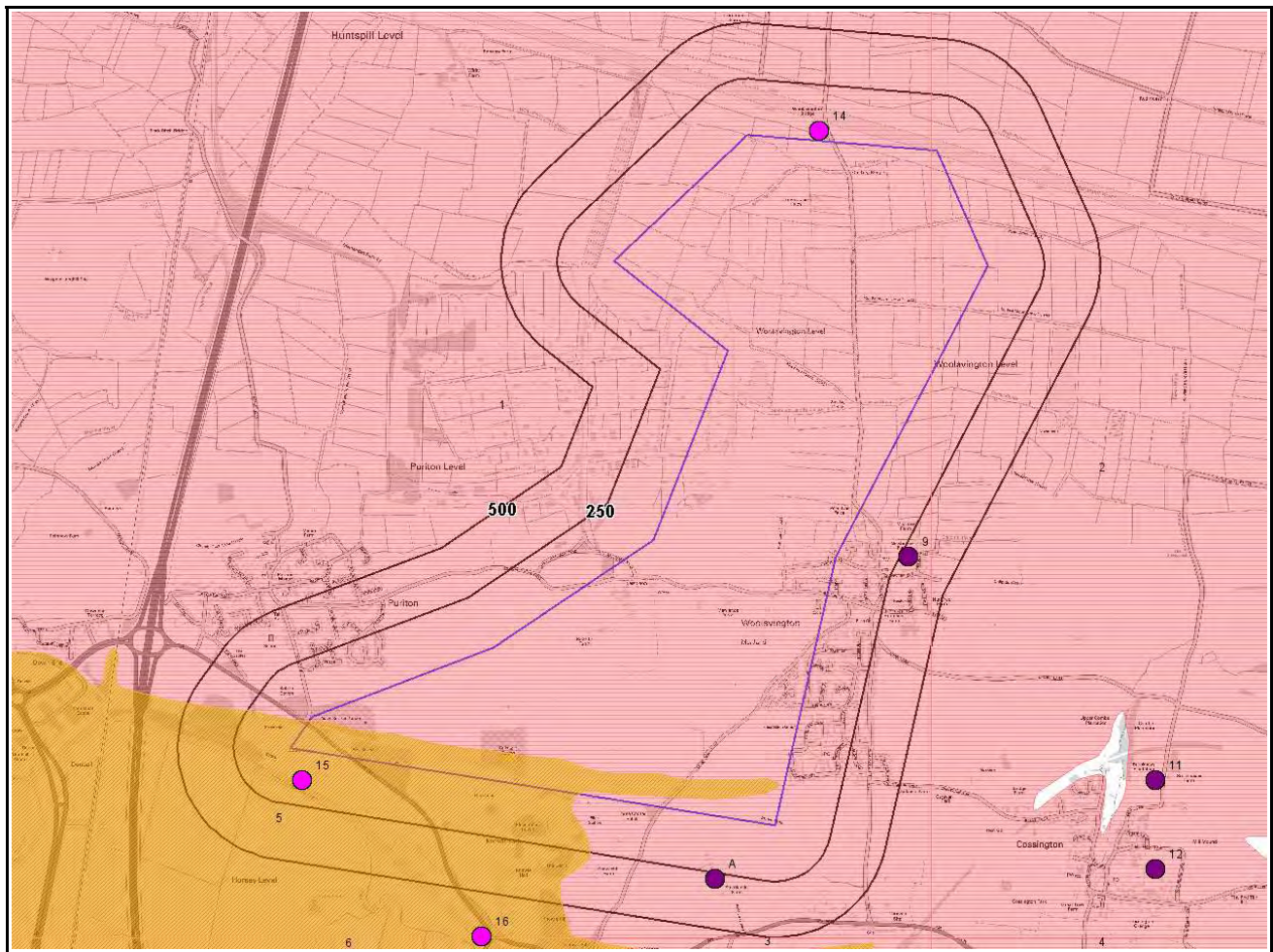
Aquifer Within Superficial Geology Legend



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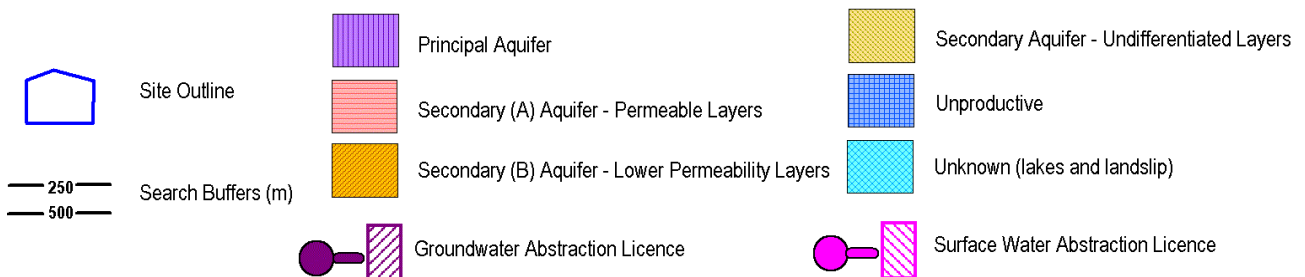
6b. Hydrogeology - Aquifer Within Bedrock Geology and Abstraction Licenses



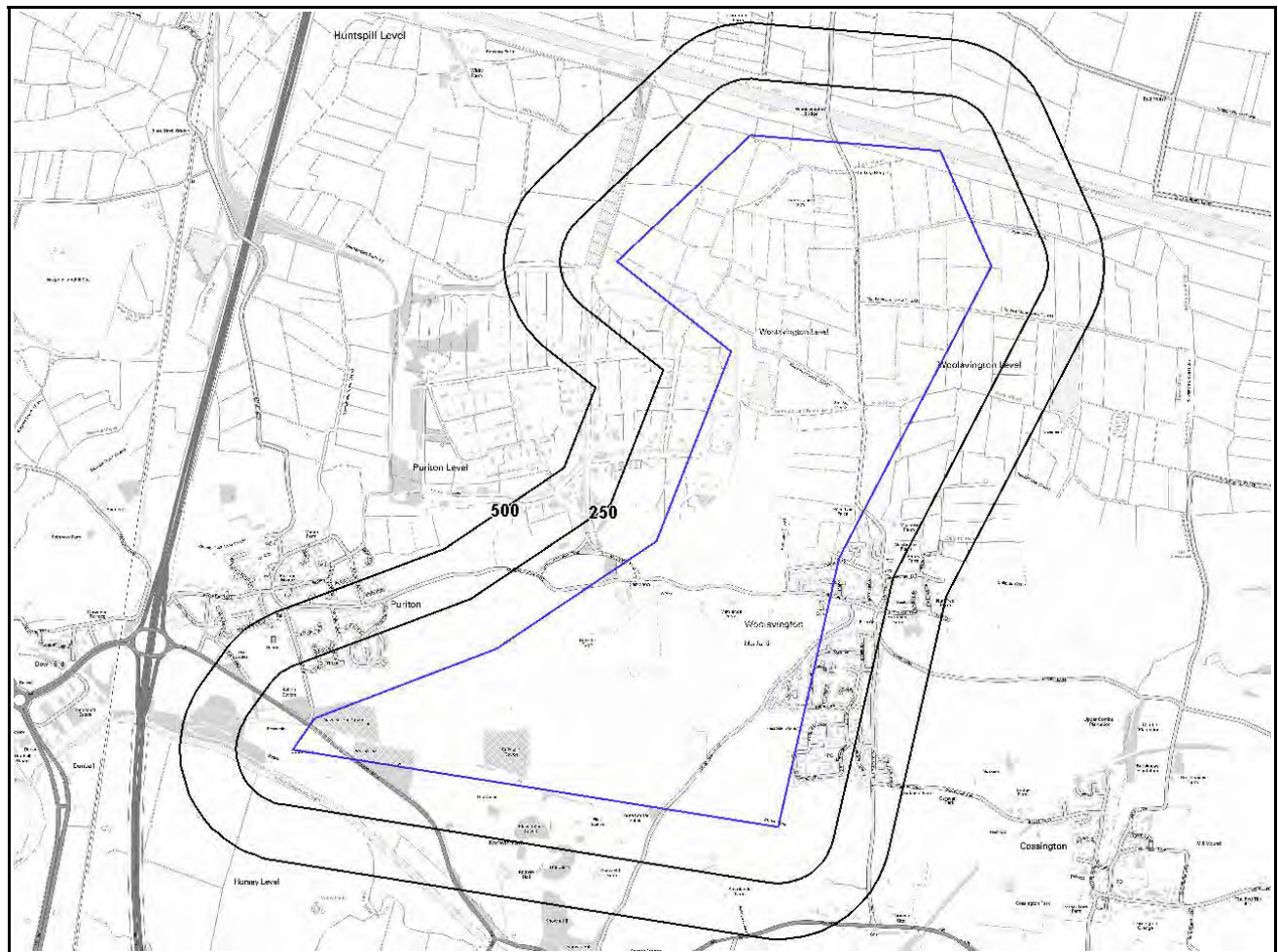
Aquifer Within Bedrock Geology Legend



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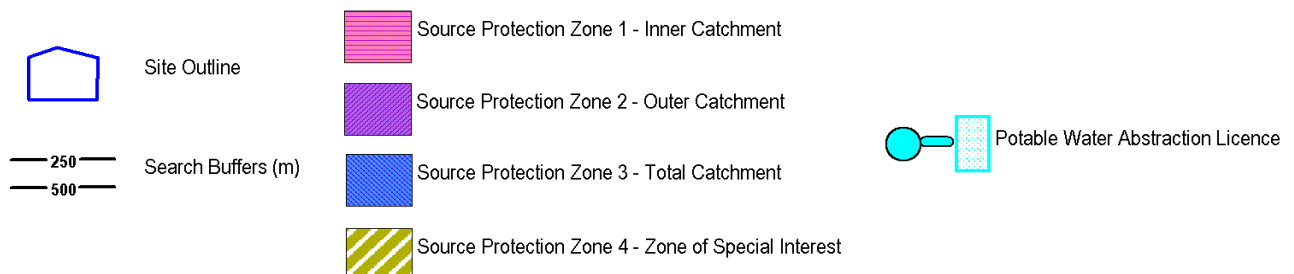
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses



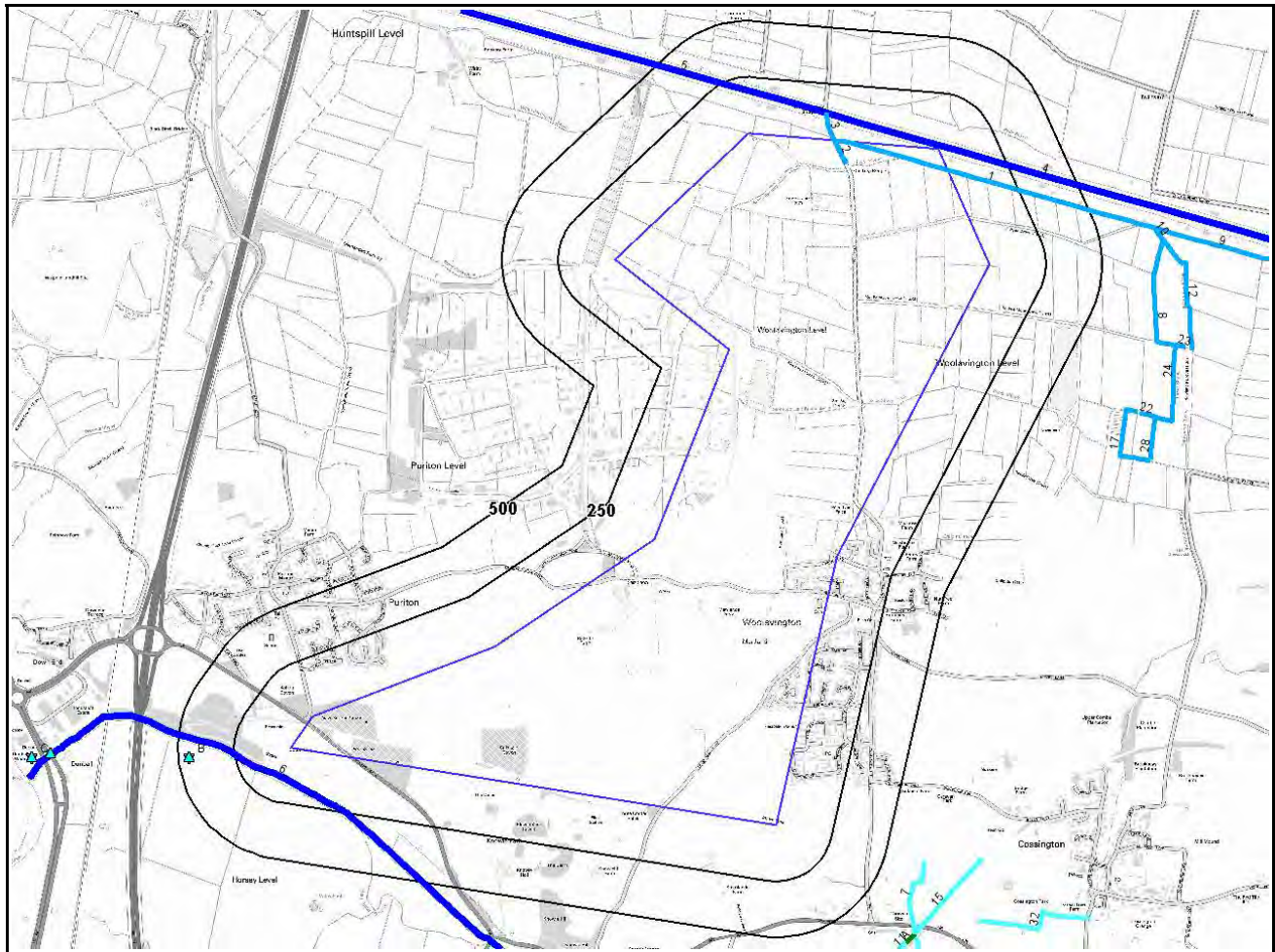
SPZ and Potable Water Abstraction Licenses
Legend



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6d. Hydrology – Detailed River Network and River Quality



Hydrology Legend



Mapping sourced from  Ordnance Survey

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6. Hydrogeology and Hydrology

6.1 Aquifer within Superficial Deposits

Are there records of productive strata within the superficial geology at or in proximity to the property?

Yes

From 1 April 2010, the Environment Agency's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the GroundSure Enviroinsight User Guide.

The following aquifer records are shown on the Aquifer within Superficial Geology Map (5a):

ID	Distance [m]	Direction	Designation	Description
2	0.0	On Site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
3	0.0	On Site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

6.2 Aquifer within Bedrock Deposits

Are there records of productive strata within the bedrock geology at or in proximity to the property? **Yes**

From 1 April 2010, the Environment Agency's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the GroundSure Enviroinsight User Guide.

The following aquifer records are shown on the Aquifer within Bedrock Geology Map (5b):

ID	Distance [m]	Direction	Designation	Description
1	0.0	On Site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	0.0	On Site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
5	0.0	On Site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers
3	499.0	S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

6.3 Groundwater Abstraction Licences

Are there any Groundwater Abstraction Licences within 1000m of the study site?

Yes

Report Reference: HMD-441-912071

The following Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (5b):

ID	Distance	Direction	NGR	Details	
7A	278.0	S	334040, 140260	Licence No: 16/52/008/G/133 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: Borehole, Bawdrip Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: N124 Original Start Date: 27/7/1998 Expiry Date: - Issue No: 100 Version Start Date: 27/7/1998 Version End Date:
8A	278.0	S	334040, 140260	Licence No: 16/52/008/G/133 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "borehole, Bawdrip" Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: N124 Original Start Date: 27/7/1998 Expiry Date: - Issue No: 100 Version Start Date: 27/7/1998 Version End Date:
9	286.0	SE	334900, 141700	Licence No: 16/52/011/G/028 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: Woolavington Data Type: Point	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: 16/52/011/G/028 Original Start Date: 1/2/1966 Expiry Date: - Issue No: 100 Version Start Date: 1/2/1966 Version End Date:

6.4 Surface Water Abstraction Licences

Are there any Surface Water Abstraction Licences within 1000m of the study site?

Yes

The following Surface Water Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (5b):

ID	Distance	Direction	NGR	Details	
14	39.0	N	334500, 143600	Licence No: 16/52/011/S/048 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface Water - Fresh Point: Huntspill River Data Type: Point	Annual Volume (m³): 420000 Max Daily Volume (m³): 3500 Application No: - Original Start Date: 12/4/1989 Expiry Date: - Issue No: 102 Version Start Date: 7/1/2009 Version End Date:
15	136.0	S	332200, 140700	Licence No: 16/52/008/S/108 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: Kings Sedgemoor Drn Data Type: Point	Annual Volume (m³): 8200 Max Daily Volume (m³): 205 Application No: 16/52/008/S/108 Original Start Date: 21/10/1976 Expiry Date: - Issue No: 100 Version Start Date: 21/10/1976 Version End Date:
16	700.0	S	333000, 140000	Licence No: 16/52/008/S/122 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: Surface Water - Fresh Point: Kings Sedgemoor Drn Data Type: Point	Annual Volume (m³): 1000000 Max Daily Volume (m³): 3000 Application No: - Original Start Date: 14/10/1988 Expiry Date: - Issue No: 102 Version Start Date: 7/1/2009 Version End Date:

6.5 Potable Water Abstraction Licences

Are there any Potable Water Abstraction Licences within 2000m of the study site?

No

Database searched and no data found.

Report Reference: HMD-441-912071

6.6 Source Protection Zones

Are there any Source Protection Zones within 500m of the study site?

No

Database searched and no data found.

6.7 River Quality

Is there any Environment Agency information on river quality within 1500m of the study site?

Yes

Biological Quality:

Biological Quality data describes water quality in terms of 83 groups of macroinvertebrates, some of which are pollution sensitive. The results are graded from A ('Very Good') to F ('Bad').

The following Biological Quality records are shown on the Hydrology Map (5d):

ID	Distance [m]	Direction	NGR	River Details	Biological Quality Grade				
					2005	2006	2007	2008	2009
33B	451.0	W	331700, 140800	River Name: Kings Sedgemoor Drain Reach: Bawdrip-dunball 1 End/Start of Stretch: End of Stretch NGR	B	A	A	A	A
34B	451.0	W	331700, 140800	River Name: Kings Sedgemoor Drain Reach: Dunball 1-conf With Tidal Parrett End/Start of Stretch: Start of Stretch NGR	-	-	B	B	B
35C	1150.0	W	331000, 140800	River Name: Kings Sedgemoor Drain Reach: Dunball 1-conf With Tidal Parrett End/Start of Stretch: End of Stretch NGR	-	-	B	B	B
Not shown	1403.0	S	334200, 139100	River Name: Kings Sedgemoor Drain Reach: Bawdrip-dunball 1 End/Start of Stretch: Start of Stretch NGR	B	A	A	A	A
Not shown	1403.0	S	334200, 139100	River Name: Kings Sedgemoor Drain Reach: Parchey-bawdrip End/Start of Stretch: End of Stretch NGR	-	-	B	B	B

Chemical Quality:

Chemical quality data is based on the General Quality Assessment Headline Indicators scheme (GQAHI). In England, each chemical sample is measured for ammonia and dissolved oxygen. In Wales, the samples are measured for biological oxygen demand (BOD), ammonia and dissolved oxygen. The results are graded from A ('Very Good') to F ('Bad').

The following Chemical Quality records are shown on the Hydrology Map (5d):

ID	Distance [m]	Direction	NGR	River Details	Chemical Quality Grade (Headline Indicator)				
					2005	2006	2007	2008	2009

38B	451.0	W	331700, 140800	River Name: Kings Sedgemoor Drain Reach: Dunball 1-conf With Tidal Parrett End/Start of Stretch: Start of Stretch NGR	E	D	E	D	D
39B	451.0	W	331700, 140800	River Name: Kings Sedgemoor Drain Reach: Bawdrip-dunball 1 End/Start of Stretch: End of Stretch NGR	E	E	E	D	D
Not shown	751.0	S	333078, 139936	River Name: Kings Sedgemoor Drain Reach: Conf With Sowe- parchey End/Start of Stretch: Sample Point NGR	E	D	E	D	D
Not shown	751.0	S	333078, 139936	River Name: Kings Sedgemoor Drain Reach: Parchey-bawdrip End/Start of Stretch: Sample Point NGR	E	D	E	D	D
Not shown	751.0	S	333078, 139936	River Name: Kings Sedgemoor Drain Reach: Dunball 1-conf With Tidal Parrett End/Start of Stretch: Sample Point NGR	E	D	E	D	D
43C	1064.0	W	331085, 140817	River Name: Kings Sedgemoor Drain Reach: Bawdrip-dunball 1 End/Start of Stretch: Sample Point NGR	E	E	E	D	D
44C	1150.0	W	331000, 140800	River Name: Kings Sedgemoor Drain Reach: Dunball 1-conf With Tidal Parrett End/Start of Stretch: End of Stretch NGR	E	D	E	D	D
Not shown	1403.0	S	334200, 139100	River Name: Kings Sedgemoor Drain Reach: Parchey-bawdrip End/Start of Stretch: End of Stretch NGR	E	D	E	D	D
Not shown	1403.0	S	334200, 139100	River Name: Kings Sedgemoor Drain Reach: Bawdrip-dunball 1 End/Start of Stretch: Start of Stretch NGR	E	E	E	D	D
Not shown	1447.0	E	336700, 143100	River Name: South Drain Reach: Chilton Moor-conf With Gold Corner End/Start of Stretch: End of Stretch NGR	E	E	E	E	E
Not shown	1447.0	E	336700, 143100	River Name: Cripps Reach: Conf With Huntspl (gold Cnr)-brue Conf End/Start of Stretch: Start of Stretch NGR	D	D	D	D	C
Not shown	1447.0	E	336700, 143100	River Name: Huntspill Reach: Gold Corner-m5 End/Start of Stretch: Start of Stretch NGR	B	B	C	C	C

6.8 Detailed River Network

Are there any Detailed River Network entries within 500m of the study site?

Yes

The following Detailed River Network records are represented on the Hydrology Map (5d):

ID	Distance	Direction	Details
----	----------	-----------	---------

Report Reference: HMD-441-912071

1	0.0	On Site	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: YES Main River Status: Currently Undefined
2	0.0	On Site	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
3	0.0	On Site	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
4	18.0	N	River Name: Huntspill River Water Course Name: Huntspill Welsh River Name: - Alternative Name: -	River Type: Primary River Catchment: - Drain: NO Main River Status: Currently Undefined
5	118.0	N	River Name: Huntspill River Water Course Name: Huntspill Welsh River Name: - Alternative Name: -	River Type: Primary River Catchment: - Drain: NO Main River Status: Currently Undefined
6	135.0	SW	River Name: King's Sedgemoor Water Course Name: Kings Sedgemoor Drain Welsh River Name: - Alternative Name: -	River Type: Primary River Catchment: - Drain: NO Main River Status: Currently Undefined

6.9 Surface Water Features

Are there any surface water features within 250m of the study site?

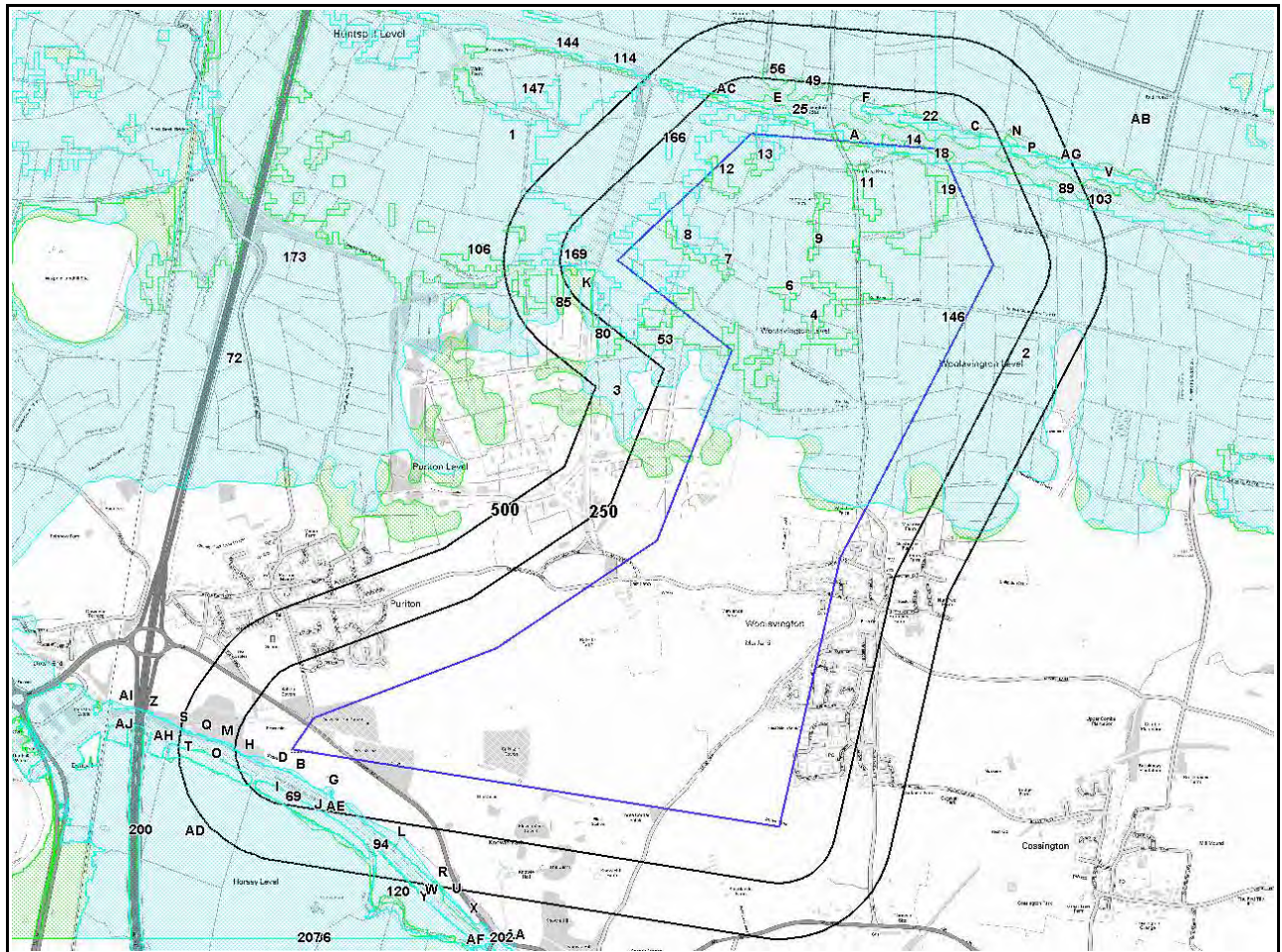
Yes

The following surface water records are not represented on mapping:

Distance to Surface Water (m)	on-site	0-50	51-250
Surface water features within 250m of the study site	Yes	Yes	Yes

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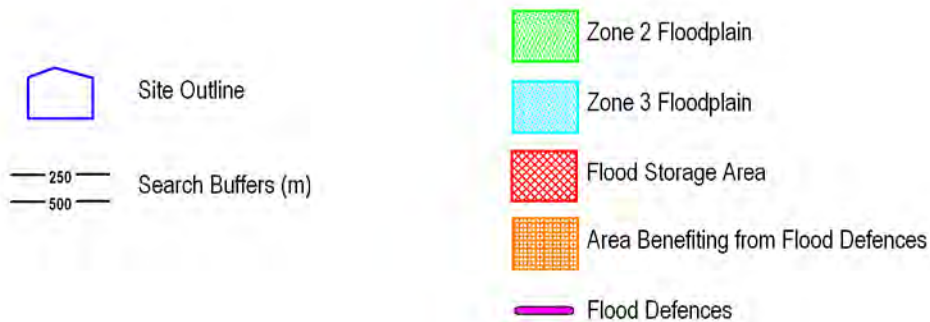
7. Surface Water Flood Map



Surface Water Flood Legend



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7. Flooding

7.1 Zone 2 Flooding

Zone 2 floodplain estimates the annual probability of flooding as one in one thousand (0.1%) or greater from rivers and the sea but less than 1% from rivers or 0.5% from the sea. Alternatively, where information is available they may show the highest known flood level.

Is the site within 250m of an Environment Agency indicative Zone 2 floodplain?

Yes

The following floodplain records are represented as green shading on the Flood Map:

ID	Distance [m]	Direction	Update	Type
1	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
2	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
3	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
4	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
5	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
6	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
7	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
8	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
9	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
10	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
11	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
12	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
13	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
14	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
15A	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
16A	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
17A	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
18	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
19	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
20A B	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
21A	7.0	N	13-Mar-2013	Zone 2 - (Fluvial Models)
22	37.0	N	13-Mar-2013	Zone 2 - (Fluvial Models)
23	38.0	NE	13-Mar-2013	Zone 2 - (Fluvial Models)
24E	55.0	N	13-Mar-2013	Zone 2 - (Fluvial Models)
25	56.0	N	13-Mar-2013	Zone 2 - (Tidal Models)
26C	76.0	NE	13-Mar-2013	Zone 2 - (Tidal Models)
27B	87.0	S	13-Mar-2013	Zone 2 - (Tidal Models)
28A C	90.0	N	13-Mar-2013	Zone 2 - (Tidal Models)
29F	91.0	N	13-Mar-2013	Zone 2 - (Fluvial Models)

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30A D	98.0	S	13-Mar- 2013	Zone 2 - (Fluvial / Tidal Models)
31B	99.0	SW	13-Mar- 2013	Zone 2 - (Tidal Models)
32D	100.0	SW	13-Mar- 2013	Zone 2 - (Fluvial Models)
33C	103.0	NE	13-Mar- 2013	Zone 2 - (Fluvial Models)
34K	107.0	W	13-Mar- 2013	Zone 2 - (Tidal Models)
35D	109.0	SW	13-Mar- 2013	Zone 2 - (Tidal Models)
36E	116.0	N	13-Mar- 2013	Zone 2 - (Fluvial / Tidal Models)
37C	121.0	NE	13-Mar- 2013	Zone 2 - (Fluvial Models)
38F	132.0	N	13-Mar- 2013	Zone 2 - (Tidal Models)
39G	135.0	S	13-Mar- 2013	Zone 2 - (Tidal Models)
40B	141.0	S	13-Mar- 2013	Zone 2 - (Fluvial Models)
41B	142.0	S	13-Mar- 2013	Zone 2 - (Tidal Models)
42G	145.0	S	13-Mar- 2013	Zone 2 - (Fluvial Models)
43G	148.0	S	13-Mar- 2013	Zone 2 - (Fluvial Models)
44G	149.0	S	13-Mar- 2013	Zone 2 - (Tidal Models)
45G	152.0	S	13-Mar- 2013	Zone 2 - (Fluvial Models)
46G	152.0	S	13-Mar- 2013	Zone 2 - (Tidal Models)
47G	154.0	S	13-Mar- 2013	Zone 2 - (Tidal Models)
48G	155.0	S	13-Mar- 2013	Zone 2 - (Fluvial Models)
49	160.0	N	13-Mar- 2013	Zone 2 - (Fluvial Models)
50B	172.0	SW	13-Mar- 2013	Zone 2 - (Fluvial Models)
51J	179.0	SW	13-Mar- 2013	Zone 2 - (Tidal Models)
52G	185.0	S	13-Mar- 2013	Zone 2 - (Fluvial Models)
53	193.0	SW	13-Mar- 2013	Zone 2 - (Fluvial Models)
54H	196.0	W	13-Mar- 2013	Zone 2 - (Fluvial Models)
55L	197.0	S	13-Mar- 2013	Zone 2 - (Tidal Models)
56	201.0	N	13-Mar- 2013	Zone 2 - (Fluvial Models)
57P	207.0	NE	13-Mar- 2013	Zone 2 - (Fluvial Models)
58O	216.0	SW	13-Mar- 2013	Zone 2 - (Tidal Models)
59H	229.0	W	13-Mar- 2013	Zone 2 - (Tidal Models)
60H	230.0	W	13-Mar- 2013	Zone 2 - (Fluvial Models)
61I	231.0	SW	13-Mar- 2013	Zone 2 - (Fluvial Models)
62I	234.0	S	13-Mar- 2013	Zone 2 - (Fluvial Models)
63I	235.0	S	13-Mar- 2013	Zone 2 - (Fluvial Models)
64J	235.0	S	13-Mar- 2013	Zone 2 - (Fluvial Models)
65I	236.0	S	13-Mar- 2013	Zone 2 - (Fluvial Models)
66I	238.0	S	13-Mar- 2013	Zone 2 - (Fluvial Models)
67H	244.0	W	13-Mar- 2013	Zone 2 - (Tidal Models)

7.2 Zone 3 Flooding

Zone 3 estimates the annual probability of flooding as one in one hundred (1%) or greater from rivers and a one in two hundred (0.5%) or greater from the sea. Alternatively, where information is available they may show the highest known flood level.

Is the site within 250m of an Environment Agency indicative Zone 3 floodplain?

Yes

The following floodplain records are represented as blue shading on the Flood Map:

ID	Distance [m]	Direction	Update	Type
145 AB	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
146	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
147	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
148 AC	66.0	N	13-Mar-2013	Zone 3 - (Tidal Models)
149 C	75.0	NE	13-Mar-2013	Zone 3 - (Tidal Models)
150 B	87.0	S	13-Mar-2013	Zone 3 - (Tidal Models)
151 AD	98.0	S	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
152 B	99.0	SW	13-Mar-2013	Zone 3 - (Tidal Models)
153 B	103.0	SW	13-Mar-2013	Zone 3 - (Fluvial Models)
154 H	109.0	SW	13-Mar-2013	Zone 3 - (Tidal Models)
155 F	131.0	N	13-Mar-2013	Zone 3 - (Tidal Models)
156 G	135.0	S	13-Mar-2013	Zone 3 - (Tidal Models)
157 B	141.0	S	13-Mar-2013	Zone 3 - (Fluvial Models)
158 B	142.0	S	13-Mar-2013	Zone 3 - (Tidal Models)
159 B	145.0	S	13-Mar-2013	Zone 3 - (Fluvial Models)
160 B	148.0	S	13-Mar-2013	Zone 3 - (Fluvial Models)
161 B	149.0	S	13-Mar-2013	Zone 3 - (Tidal Models)
162 B	152.0	S	13-Mar-2013	Zone 3 - (Fluvial Models)
163 B	152.0	S	13-Mar-2013	Zone 3 - (Tidal Models)
164 B	154.0	S	13-Mar-2013	Zone 3 - (Tidal Models)
165 G	155.0	S	13-Mar-2013	Zone 3 - (Fluvial Models)
166	165.0	NW	13-Mar-2013	Zone 3 - (Tidal Models)
167J	179.0	SW	13-Mar-2013	Zone 3 - (Tidal Models)
168 AE	185.0	S	13-Mar-2013	Zone 3 - (Fluvial Models)
169	196.0	W	13-Mar-2013	Zone 3 - (Fluvial Models)
170 H	196.0	W	13-Mar-2013	Zone 3 - (Fluvial Models)
171 L	197.0	S	13-Mar-2013	Zone 3 - (Tidal Models)
172 O	216.0	SW	13-Mar-2013	Zone 3 - (Tidal Models)
173	222.0	NW	13-Mar-2013	Zone 3 - (Tidal Models)
174 M	229.0	W	13-Mar-2013	Zone 3 - (Tidal Models)
175 M	230.0	W	13-Mar-2013	Zone 3 - (Fluvial Models)
176 M	244.0	W	13-Mar-2013	Zone 3 - (Tidal Models)

Report Reference: HMD-441-912071

7.3 Flood Defences

Are there any Flood Defences within 250m of the study site ? **No**

7.4 Areas benefiting from Flood Defences

Are there any areas benefiting from Flood Defences within 250m of the study site? **No**

7.5 Areas used for Flood Storage

Are there any areas used for Flood Storage within 250m of the study site? **No**

7.6 Groundwater Flooding Susceptibility Areas

Are there any British Geological Survey groundwater flooding susceptibility flood areas within 50m of the boundary of the study site? **Yes**

What is the highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions? **Low**

Guidance:

Where low groundwater flooding susceptibility is indicated, this means that given the geological conditions there may be a groundwater flooding hazard. Unless other relevant information, e.g. records of previous flooding, suggests groundwater flooding has occurred before in this area you need take no further action in relation to groundwater flooding hazard. If there are records of previous incidences of groundwater flooding, then it is recommended that other information e.g. rainfall history, property type, and land drainage information in addition to previous records of flooding be investigated in order to establish relative, but not absolute, risk of groundwater flooding.

7.7 Groundwater Flooding Confidence Areas

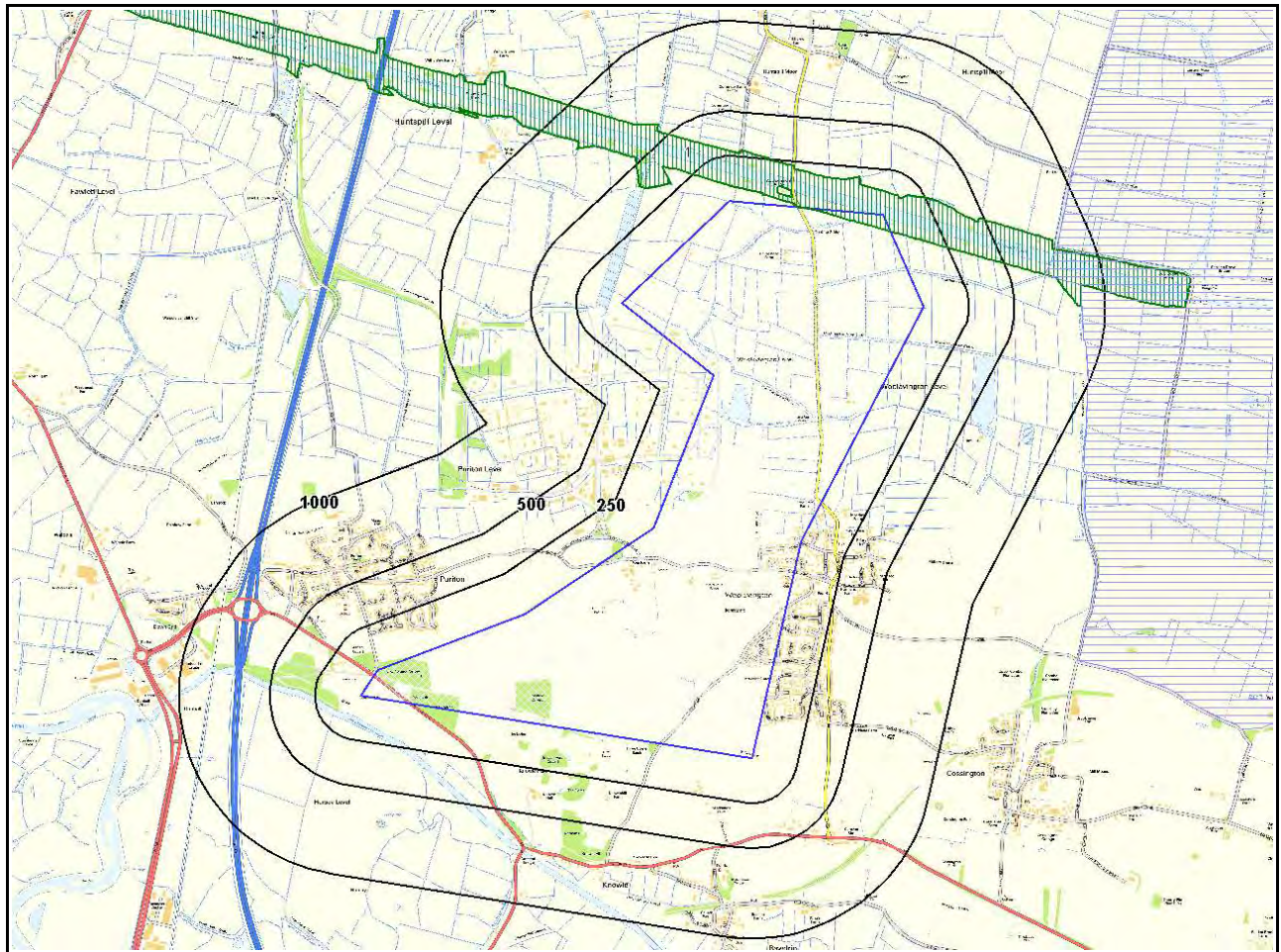
What is the British Geological Survey confidence rating in this result? **Low**

Notes:

Groundwater flooding is defined as the emergence of groundwater at the ground surface or the rising of groundwater into man-made ground under conditions where the normal range of groundwater levels is exceeded.

The **confidence rating** is on a threefold scale - Low, Moderate and High. This provides a relative indication of the BGS confidence in the accuracy of the susceptibility result for groundwater flooding. This is based on the amount and precision of the information used in the assessment. In areas with a relatively lower level of confidence the susceptibility result should be treated with more caution. In other areas with higher levels of confidence the susceptibility result can be used with more confidence.

8.Designated Environmentally Sensitive Sites Map



Designated Environmentally Sensitive Sites Legend



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8.Designated Environmentally Sensitive Sites

Presence of Designated Environmentally Sensitive Sites within 2000m of the study site? **Yes**

Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site: **0**

Database searched and no data found.

Records of National Nature Reserves (NNR) within 2000m of the study site: **1**

The following National Nature Reserve (NNR) records provided by Natural England/Countryside Council for Wales and Scottish Natural Heritage are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance [m]	Direction	NNR Name	Data Source
1	0.0	On Site	Huntspill River	Natural England

Records of Special Areas of Conservation (SAC) within 2000m of the study site: **0**

Database searched and no data found.

Records of Special Protection Areas (SPA) within 2000m of the study site: **0**

Database searched and no data found.

Records of Ramsar sites within 2000m of the study site: **0**

Database searched and no data found.

Records of Local Nature Reserves (LNR) within 2000m of the study site: **0**

Database searched and no data found.

Records of World Heritage Sites within 2000m of the study site: **0**

Database searched and no data found.

Records of Environmentally Sensitive Areas within 2000m of the study site: **1**

The following Environmentally Sensitive Area records produced by DEFRA are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance [m]	Direction	ESA Name	Data Source
2	691.0	E	Somerset Levels And Moors	Natural England

Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site: **0**

Database searched and no data found.

[Report Reference: HMD-441-912071](#)

Records of National Parks (NP) within 2000m of the study site:**0**

Database searched and no data found.

Records of Nitrate Sensitive Areas within 2000m of the study site:**0**

Database searched and no data found.

9. Additional Information

9.1 Mobile Phone Transmitter Locations

GroundSure's unique mobile phone transmitter database.

Have any mobile phone transmitters been identified within 250m of the study site?

Yes

The following records within 250m have been found within this search:

Distance [m]	Direction	Max Licensed Power	Transmitter Power	Frequency Range	Operator	Height (m)	Transmission Type
0.0	On Site	32	25.9	1800 MHz	Orange	14.0	GSM
19.0	S	32	26.0	1800 MHz	One2one	15.0	GSM

9.2 Existing and potential OfCom Telecommunication Mast Locations

OfCom telecommunication base station and mast data, which details the height and proposed location of masts over 30 metres in height or with a power level exceeding 17dBW.

Have any OfCom telecommunication masts been identified within 250m of the study site?

Yes

The following records within 250m have been found within this search:

Distance [m]	Direction	OfCom Reference	Address	Approx. Mast Height (m)
0.0	On Site	U(P)3269	Somerset, Woolavington, Crancombe Lne	12
26.0	S	W(P)3896	Somerset, Bridgwater, Knowle Estate, Knowle Hill	16
97.0	S	U(P)4974	Somerset, Bridgwater, Knowle Est, Knowle Hill	16

9.3 Pylons and Electricity Transmission Lines

Have any overhead transmission lines or pylons been identified in proximity to the study site?

Yes

The following records within 500m have been found within this search:

Distance [m]	Direction
0.0	On Site
0.0	On Site
0.0	On Site
0.0	On Site
0.0	On Site
0.0	On Site
0.0	On Site
0.0	On Site
0.0	On Site

Guidance:Overhead power transmission lines and/or pylons have been identified in proximity to the study site. Overhead power transmission lines are known to emit electromagnetic fields (EMF). For further information on issues associated with transmission lines you may wish to contact the EMF Unit Public Information Line on 0845 7023270 or visit www.emfs.info. Guidance on electromagnetic fields resulting from transmission and distribution lines can also be

found on the Health Protection Agency (HPA) website. GroundSure provide the data for information only and do not make any judgment on the risks or otherwise of EMFs. The database is searched up to 500m.

10. Natural Hazards Findings

10.1 Detailed BGS GeoSure Data

BGS GeoSure Data has been searched to 50m. The data is included in tabular format. If you require further information, please obtain a GroundSure Geology and Ground Stability Report. Available from our website. The following information has been found:

10.1.1 Shrink Swell

What is the maximum Shrink-Swell* hazard rating identified on the study site?

Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Ground conditions predominantly low plasticity. No special actions required to avoid problems due to shrink-swell clays. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with shrink-swell clays.

10.1.2 Landslides

What is the maximum Landslide* hazard rating identified on the study site?

Moderate

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Significant potential for slope instability with relatively small changes in ground conditions. Avoid large amounts of water entering the ground through pipe leakage or soak-aways. Do not undercut or place large amounts of material on slopes without technical advice. For new build consider the potential and consequences of ground movement during excavations, or consequence of changes to loading or drainage. For existing property probable increase in insurance risk is likely due to potential natural slope instability after changes to ground conditions such as a very long, excessively wet winter.

10.1.3 Soluble Rocks

What is the maximum Soluble Rocks* hazard rating identified on the study site?

Null - Negligible

Soluble rocks are not present in the search area. No special actions required to avoid problems due to soluble rocks. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with soluble rocks.

10.1.4 Compressible Ground

What is the maximum Compressible Ground* hazard rating identified on the study site?

Moderate

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Significant potential for compressibility problems. Avoid large differential loadings of ground. Do not drain or de-water ground near the property without technical advice. For new build consider possibility of compressible ground in ground investigation, construction and building design. Consider effects of groundwater changes. Extra construction costs are likely. For existing property possible increase in insurance risk from compressibility, especially if water conditions or loading of the ground change significantly.

Report Reference: HMD-441-912071

10.1.5 Collapsible Rocks

What is the maximum Collapsible Rocks* hazard rating identified on the study site?

Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.

10.1.6 Running Sand

What is the maximum Running Sand* hazard rating identified on the study site?

Moderate

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Significant potential for running sand problems with relatively small changes in ground conditions. Avoid large amounts of water entering the ground (for example through pipe leakage or soak-aways). Do not dig (deep) holes into saturated ground near the property without technical advice. For new build consider the consequences of soil and groundwater conditions during and after construction. For existing property possible increase in insurance risk from running sand, for example, due to water leakage, high rainfall events or flooding.

* This indicates an automatically generated 50m buffer and site.

10.2 Radon

What is the maximum radon potential at the study site?

The property is in a Radon Affected Area, as between 10 and 30% of properties are above the Action Level

Is the property in an area where radon protection measures are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment?

Full radon protective measures are necessary

Guidance: The responses given on the level of radon protective measures required are based on a joint radon potential dataset from the Health Protection Agency (HPA) and the British Geological Survey (BGS). Full radon protective measures need to be installed for new dwellings or extensions to existing dwellings, where 10% or more of homes are estimated to exceed the Action Level. The joint HPA-BGS radon potential data forms the basis for the Building Research Establishment guidance on radon protective measures for new dwellings (BR211 2007).

11. Mining

11.1 Coal Mining

Are there any coal mining areas within 75m of the study site?

No

Database searched and no data found.

11.2 Shallow Mining

What is the hazard of subsidence relating to shallow mining on-site (including a 150m buffer)? Negligible

Guidance: Where negligible potential is indicated, this means that the rocks underlying the area are not likely to have been mined at shallow depth.

11.3 Brine Affected Areas

Are there any brine affected areas within 75m of the study site?

No

Guidance: No Guidance Required.

12. Contacts

GroundSure Helpline

Telephone: 08444 159 000
 info@4c.groundsure.com



British Geological Survey (England & Wales)

Kingsley Dunham Centre
 Keyworth, Nottingham NG12 5GG
 Tel: 0115 936 3143. Fax: 0115 936 3276. Email:
 enquiries@bgs.ac.uk
 Web: www.bgs.ac.uk
 BGS Geological Hazards Reports and general geological
 enquiries



Environment Agency

Tel: 08708 506 506
 Wessex
 Rivers Hse Bridgwater - East Quay, Bridgwater, TA6 4YS
 Web: www.environment-agency.gov.uk
 Email: enquiries@environment-agency.gov.uk



Health Protection Agency

Chilton, Didcot, Oxon, OX11 0RQ
 Tel: 01235 822622 www.hpa.org.uk/radiation
 Radon measures and general radon information and
 guidance



The Coal Authority

200 Lichfield Lane, Mansfield, Notts NG18 4RG
 Tel: 0845 762 6848
 DX 716176 Mansfield 5
 Web: www.groundstability.com



Ordnance Survey

Romsey Road
 Southampton SO16 4GU
 Tel: 08456 050505



Local Authority

Authority: Sedgemoor District Council
 Phone: 0845 408 2540
 Web: www.sedgemoor.gov.uk
 Address: Bridgwater House, King Square, Bridgwater, TA6
 3AR

Get Mapping PLC

Virginia Villas, High Street, Hartley Witney, Hampshire RG27
 8NW
 Tel: 01252 845444



CoPSO

The Old Rectory, Church Lane, Thornby, Northants NN6 8SN
 Tel: 0871 4237191
 (www.copso.org.uk)



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This report has been prepared in accordance with the GroundSure Ltd standard Terms and Conditions of business for work of this nature.



Search Code

IMPORTANT CONSUMER PROTECTION INFORMATION

This search has been produced by GroundSure Ltd, Lees House, 21 Dyke Road, Brighton, BN1 3FE. Tel: 08444 159 000. Email: info@4C.groundsure.com which is registered with the Property Codes Compliance Board (PCCB) as a subscriber to the Search Code. The PCCB independently monitors how registered search firms maintain compliance with the Code.

The Search Code:

- provides protection for homebuyers, sellers, estate agents, conveyancers and mortgage lenders who rely on the information included in property search reports undertaken by subscribers on residential and commercial property within the United Kingdom
- sets out minimum standards which firms compiling and selling search reports have to meet
- promotes the best practice and quality standards within the industry for the benefit of consumers and property professionals
- enables consumers and property professionals to have confidence in firms which subscribe to the code, their products and services.

By giving you this information, the search firm is confirming that they keep to the principles of the Code. This provides important protection for you.

The Code's core principles

Firms which subscribe to the Search Code will:

- display the Search Code logo prominently on their search reports
- act with integrity and carry out work with due skill, care and diligence
- at all times maintain adequate and appropriate insurance to protect consumers
- conduct business in an honest, fair and professional manner
- handle complaints speedily and fairly
- ensure that products and services comply with industry registration rules and standards and relevant laws
- monitor their compliance with the Code

COMPLAINTS

If you have a query or complaint about your search, you should raise it directly with the search firm, and if appropriate ask for any complaint to be considered under their formal internal complaints procedure. If you remain dissatisfied with the firm's final response, after your complaint has been formally considered, or if the firm has exceeded the response timescales, you may refer your complaint for consideration under The Property Ombudsman scheme (TPOs). The Ombudsman can award compensation of up to £5,000 to you if he finds that you have suffered actual loss as a result of your search provider failing to keep to the Code.

Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPOs or to the PCCB.

TPOs Contact Details:

The Property Ombudsman scheme
Milford House
43-55 Milford Street
Salisbury
Wiltshire SP1 2BP
Tel: 01722 333306
Fax: 01722 332296
Email: admin@tpos.co.uk

You can get more information about the PCCB from www.propertycodes.org.uk.

PLEASE ASK YOUR SEARCH PROVIDER IF YOU WOULD LIKE A COPY OF THE SEARCH CODE

COMPLAINTS PROCEDURE

If you want to make a complaint, we will:

- Acknowledge it within 5 working days of receipt.
- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt.
- Keep you informed by letter, telephone or e-mail, as you prefer, if we need more time.
- Provide a final response, in writing, at the latest within 40 working days of receipt.
- Liaise, at your request, with anyone acting formally on your behalf.

Complaints should be sent to: Operations Director, GroundSure Ltd, Lees House, 21 Dyke Road, Brighton, BN1 3FE.
Tel: 08444 159 000. Email: info@4C.groundsure.com

If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman scheme (TPOs): Tel: 01722 333306, E-mail: admin@tpos.co.uk.

We will co-operate fully with the Ombudsman during an investigation and comply with his final decision.

Standard Terms and Conditions

1 Definitions

In these terms and conditions unless the context otherwise requires:

“Beneficiary” means the person or entity for whose benefit the Client has obtained the Services.

“Client” means the party or parties entering into a Contract with GroundSure.

“Commercial” means any building or property which is not Residential.

“Confidential Information” means the contents of this Contract and all information received from the Client as a result of, or in connection with, this Contract other than

- (i) information which the Client can prove was rightfully in its possession prior to disclosure by GroundSure and
- (ii) any information which is in the public domain (other than by virtue of a breach of this Contract).

“Support Services” means Support Services provided by GroundSure including, without limitation, interpreting third party and in-house environmental data, providing environmental support advice, undertaking environmental audits and assessments, Site investigation, Site monitoring and related items.

“Contract” means the contract between GroundSure and the Client for the provision of the Services, and which shall incorporate these terms and conditions, the Order, and the relevant User Guide.

“Third Party Data Provider” means any third party providing Third Party Content to GroundSure.

“Data Reports” means reports comprising factual data with no accompanying interpretation.

“Fees” has the meaning set out in clause 5.1.

“GroundSure” means GroundSure Limited, a company registered in England and Wales under number 03421028.

“GroundSure Materials” means all materials prepared by GroundSure and provided as part of the Services, including but not limited to Third Party Content, Data Reports, Mapping, and Risk Screening Reports.

“Intellectual Property” means any patent, copyright, design rights, trade or service mark, moral rights, data protection rights, know-how or trade mark in each case whether registered or not and including applications for the same or any other rights of a similar nature anywhere in the world.

“Mapping” means a map, map data or a combination of historical maps of various ages, time periods and scales.

“Order” means an electronic, written or other order form submitted by the Client requesting Services from GroundSure in respect of a specified Site.

“Ordnance Survey” means the Secretary of State for Business, Innovation and Skills, acting through Ordnance Survey, Adanac Drive, Southampton, SO16 0AS, UK.

“Order Website” means the online platform through which Orders may be placed by the Client and accepted by GroundSure.

“Report” means a Risk Screening Report or Data Report for Commercial or Residential property.

“Residential” means any building or property used as or intended to be used as a single dwelling.

“Risk Screening Report” means a risk screening report comprising factual data with an accompanying interpretation by GroundSure.

“Services” means any Report, Mapping and/or Support Services which GroundSure has agreed to provide by accepting an Order pursuant to clause 2.6.

“Site” means the area of land in respect of which the Client has requested GroundSure to provide the Services.

“Third Party Content” means data, database information or other information which is provided to GroundSure by a Third Party Data Provider.

“User Guide” means the user guide, as amended from time to time, available upon request from GroundSure and on the website (www.groundsure.com) and forming part of this Contract.

2 Scope of Services, terms and conditions, requests for insurance and quotations

2.1 GroundSure agrees to provide the Services in accordance with the Contract.

2.2 GroundSure shall exercise reasonable skill and care in the provision of the Services.

2.3 Subject to clause 7.3 the Client acknowledges that it has not relied on any statement or representation made by or on behalf of GroundSure which is not set out and expressly agreed in writing in the Contract and all such statements and representations are hereby excluded to the fullest extent permitted by law.

2.4 The Client acknowledges that terms and conditions appearing on a Client's order form, printed stationery or other communication, or any terms or conditions implied by custom, practice or course of dealing shall be of no effect, and that this Contract shall prevail over all others in relation to the Order.

2.5 If the Client or Beneficiary requests insurance in conjunction with or as a result of the Services, GroundSure shall use reasonable endeavours to recommend such insurance, but makes no warranty that such insurance shall be available from insurers or that it will be offered on reasonable terms. Any insurance purchased by the Client or Beneficiary shall be subject solely to the terms of the policy issued by insurers and GroundSure will have no liability therefor. In addition you acknowledge and agree that GroundSure does not act as an agent or broker for any insurance providers. The Client should take (and ensure that the Beneficiary takes) independent advice to ensure that the insurance policy requested or offered is suitable for its requirements.

2.6 GroundSure's quotations or proposals are valid for a period of 30 days only unless an alternative period of time is explicitly stipulated by GroundSure. GroundSure reserves the right to withdraw any quotation or proposal at any time before an Order is accepted by GroundSure. GroundSure's acceptance of an Order shall be binding only when made in writing and signed by GroundSure's authorised representative or when accepted through the Order Website.

3 The Client's obligations

3.1 The Client shall comply with the terms of this Contract and

(i) procure that the Beneficiary or any third party relying on the Services complies with and acts as if it is bound by the Contract and

(ii) be liable to GroundSure for the acts and omissions of the Beneficiary or any third party relying on the Services as if such acts and omissions were those of the Client.

3.2 The Client shall be solely responsible for ensuring that the Services are appropriate and suitable for its and/or the Beneficiary's needs.

3.3 The Client shall supply to GroundSure as soon as practicable and without charge all requisite information (and the Client warrants that such information is accurate, complete and appropriate), including without limitation any environmental information relating to the Site and shall give such assistance as GroundSure shall reasonably require in the provision of the Services including, without limitation, access to the Site, facilities and equipment.

3.4 Where the Client's approval or decision is required to enable GroundSure to carry out work in order to provide the Services, such approval or decision shall be given or procured in reasonable time and so as not to delay or disrupt the performance of the Services.

3.5 Save as expressly permitted by this Contract the Client shall not, and shall procure that the Beneficiary shall not, re-sell, alter, add to, or amend the GroundSure Materials, or use the GroundSure Materials in a manner for which they were not intended. The Client may make the GroundSure Materials available to a third party who is considering acquiring some or all of, or providing funding in relation to, the Site, but such third party cannot rely on the same unless expressly permitted under clause 4.

3.6 The Client is responsible for maintaining the confidentiality of its user name and password if using the Order Website and the Client acknowledges that GroundSure accepts no liability of any kind for any loss or damage suffered by the Client as a consequence of using the Order Website.

4 Reliance

4.1 The Client acknowledges that the Services provided by GroundSure consist of the presentation and analysis of Third Party Content and other content and that information obtained from a Third Party Data Provider cannot be guaranteed or warranted by GroundSure to be reliable.

4.2 In respect of Data Reports, Mapping and Risk Screening Reports, the following classes of person and no other are entitled to rely on their contents;

- (i) the Beneficiary,
- (ii) the Beneficiary's professional advisers, (iii) any person providing funding to the Beneficiary in relation to the Site (whether directly or as part of a lending syndicate),
- (iv) the first purchaser or first tenant of the Site, and
- (v) the professional advisers and lenders of the first purchaser or tenant of the Site.

4.3 In respect of Support Services, only the Client, Beneficiary and parties expressly named in a Report and no other parties are entitled to rely on its contents.

4.4 Save as set out in clauses 4.2 and 4.3 and unless otherwise expressly agreed in writing, no other person or entity of any kind is entitled to rely on any Services or Report issued or provided by GroundSure. Any party considering such Reports and Services does so at their own risk.

5 Fees and Disbursements

5.1 GroundSure shall charge and the Client shall pay fees at the rate and frequency specified in the written proposal, Order Website or Order acknowledgement form, plus (in the case of Support Services) all proper disbursements incurred by GroundSure. The Client shall in addition pay all value added tax or other tax payable on such fees and disbursements in relation to the provision of the Services (together "Fees").

5.2 The Client shall pay all outstanding Fees to GroundSure in full without deduction, counterclaim or set off within 30 days of the date of GroundSure's invoice or such other period as may be agreed in writing between GroundSure and the Client ("Payment Date"). Interest on late payments will accrue on a daily basis from the Payment Date until the date of payment (whether before or after judgment) at the rate of 8% per annum.

5.3 The Client shall be deemed to have agreed the amount of any invoice unless an objection is made in writing within 28 days of the date of the invoice. As soon as reasonably practicable after being notified of an objection, without prejudice to clause 5.2 a member of GroundSure's management team will contact the Client and the parties shall then use all reasonable endeavours to resolve the dispute within 15 days.

6 Intellectual Property and Confidentiality

6.1 Subject to

- (i) full payment of all relevant Fees and
- (ii) compliance with this Contract, the Client is granted (and is permitted to sub-licence to the Beneficiary) a royalty-free, worldwide, non-assignable and (save to the extent set out in this Contract) non-transferable licence to make use of the GroundSure Materials.

6.2 All Intellectual Property in the GroundSure Materials are and shall remain owned by GroundSure or GroundSure's licensors (including without limitation the Third Party Data Providers) the Client acknowledges, and shall procure acknowledgement by the Beneficiary of, such ownership. Nothing in this Contract purports to transfer or assign any rights to the Client or the Beneficiary in respect of such Intellectual Property.

6.3 Third Party Data Providers may enforce any breach of clauses 6.1 and 6.2 against the Client or Beneficiary.

6.4 The Client shall, and shall procure that any recipients of the GroundSure Materials shall:

- (i) not remove, suppress or modify any trade mark, copyright or other proprietary marking belonging to GroundSure or any third party from the Services;
- (ii) use the information obtained as part of the Services in respect of the subject Site only, and shall not store or reuse any information obtained as part of the Services provided in respect of adjacent or nearby sites;
- (iii) not create any product or report which is derived directly or indirectly from the Services (save that those acting in a professional capacity to the Beneficiary may provide advice based upon the Services);
- (iv) not combine the Services with or incorporate such Services into any other information data or service;

(v) not reformat or otherwise change (whether by modification, addition or enhancement), the Services (save that those acting for the Beneficiary in a professional capacity shall not be in breach of this clause 6.4(v) where such reformatting is in the normal course of providing advice based upon the Services);

(vi) where a Report and/or Mapping contains material belonging to Ordnance Survey, acknowledge and agree that such content is protected by Crown Copyright and shall not use such content for any purpose outside of receiving the Services; and

(vii) not copy in whole or in part by any means any map prints or run-on copies containing content belonging to Ordnance Survey (other than that contained within Ordnance Survey's OS Street Map) without first being in possession of a valid Paper Map Copying Licence from Ordnance Survey,

6.5 Notwithstanding clause 6.4, the Client may make reasonable use of the GroundSure Materials in order to advise the Beneficiary in a professional capacity. However, GroundSure shall have no liability in respect of any advice, opinion or report given or provided to Beneficiaries by the Client.

6.6 The Client shall procure that any person to whom the Services are made available shall notify GroundSure of any request or requirement to disclose, publish or disseminate any information contained in the Services in accordance with the Freedom of Information Act 2000, the Environmental Information Regulations 2004 or any associated legislation or regulations in force from time to time.

7. Liability: Particular Attention Should Be Paid To This Clause

7.1 This Clause 7 sets out the entire liability of GroundSure, including any liability for the acts or omissions of its employees, agents, consultants, subcontractors and Third Party Content, in respect of:

- (i) any breach of contract, including any deliberate breach of the Contract by GroundSure or its employees, agents or subcontractors;
- (ii) any use made of the Reports, Services, Materials or any part of them; and
- (iii) any representation, statement or tortious act or omission (including negligence) arising under or in connection with the Contract.

7.2 All warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by law, excluded from the Contract.

7.3 Nothing in the Contract limits or excludes the liability of the Supplier for death or personal injury resulting from negligence, or for any damage or liability incurred by the Client or Beneficiary as a result of fraud or fraudulent misrepresentation.

7.4 GroundSure shall not be liable for

- (i) loss of profits;
- (ii) loss of business;
- (iii) depletion of goodwill and/or similar losses;
- (iv) loss of anticipated savings;
- (v) loss of goods;
- (vi) loss of contract;
- (vii) loss of use;
- (viii) loss or corruption of data or information;
- (ix) business interruption;
- (x) any kind of special, indirect, consequential or pure economic loss, costs, damages, charges or expenses;
- (xi) loss or damage that arise as a result of the use of all or part of the GroundSure Materials in breach of the Contract;
- (xii) loss or damage arising as a result of any error, omission or inaccuracy in any part of the GroundSure Materials where such error, omission or inaccuracy is caused by any Third Party Content or any reasonable interpretation of Third Party Content;
- (xiii) loss or damage to a computer, software, modem, telephone or other property; and
- (xiv) loss or damage caused by a delay or loss of use of GroundSure's internet ordering service.

7.5 GroundSure's total liability in relation to or under the Contract shall be limited to £10 million for any claim or claims.

7.6 GroundSure shall procure that the Beneficiary shall be bound by limitations and exclusions of liability in favour of GroundSure which accord with those detailed in clauses 7.4 and 7.5 (subject to clause 7.3) in respect of all claims which the Beneficiary may bring against GroundSure in relation to the Services or other matters arising pursuant to the Contract.

8 GroundSure's right to suspend or terminate

8.1 If GroundSure reasonably believes that the Client or Beneficiary has not provided the information or assistance required to enable the proper provision of the Services, GroundSure shall be entitled to suspend all further performance of the Services until such time as any such deficiency has been made good.

8.2 GroundSure shall be entitled to terminate the Contract immediately on written notice in the event that:

(i) the Client fails to pay any sum due to GroundSure within 30 days of the Payment Date; or

(ii) the Client (being an individual) has a bankruptcy order made against him or (being a company) shall enter into liquidation whether compulsory or voluntary or have an administration order made against it or if a receiver shall be appointed over the whole or any part of its property assets or undertaking or if the Client is struck off the Register of Companies or dissolved; or

(iii) the Client being a company is unable to pay its debts within the meaning of Section 123 of the Insolvency Act 1986 or being an individual appears unable to pay his debts within the meaning of Section 268 of the Insolvency Act 1986 or if the Client shall enter into a composition or arrangement with the Client's creditors or shall suffer distress or execution to be levied on his goods; or

(iv) the Client or the Beneficiary breaches any term of the Contract (including, but not limited to, the obligations in clause 4) which is incapable of remedy or if remediable, is not remedied within five days of notice of the breach.

9. Client's Right to Terminate and Suspend

9.1 Subject to clause 10.1, the Client may at any time upon written notice terminate or suspend the provision of all or any of the Services.

9.2 In any event, where the Client is a consumer (and not a business) he/she hereby expressly acknowledges and agrees that:

(i) the supply of Services under this Contract (and therefore the performance of this Contract) commences immediately upon GroundSure's acceptance of the Order; and

(ii) the Reports and/or Mapping provided under this Contract are
(a) supplied to the Client's specification(s) and in any event
(b) by their nature cannot be returned.

10 Consequences of Withdrawal, Termination or Suspension

10.1 Upon termination of the Contract:

(i) GroundSure shall take steps to bring to an end the Services in an orderly manner, vacate any Site with all reasonable speed and shall deliver to the Client and/or Beneficiary any property of the Client and/or Beneficiary in GroundSure's possession or control; and

(ii) the Client shall pay to GroundSure all and any Fees payable in respect of the performance of the Services up to the date of termination or suspension. In respect of any Support Services provided, the Client shall also pay GroundSure any additional costs incurred in relation to the termination or suspension of the Contract. 11 Anti-Bribery

11.1 The Client warrants that it shall:

(i) comply with all applicable laws, statutes and regulations relating to anti-bribery and anti-corruption including but not limited to the Bribery Act 2010;

(ii) comply with such of GroundSure's anti-bribery and anti-corruption policies as are notified to the Client from time to time; and

(iii) promptly report to GroundSure any request or demand for any undue financial or other advantage of any kind received by or on behalf of the Client in connection with the performance of this Contract.

11.2 Breach of this Clause 11 shall be deemed a material breach of this Contract.

12 General

12.1 The Mapping contained in the Services is protected by Crown copyright and must not be used for any purpose other than as part of the Services or as specifically provided in the Contract.

12.2 The Client shall be permitted to make one copy only of each Report or Mapping Order. Thereafter the Client shall be entitled to make unlimited copies of the Report or Mapping Order only in accordance with an Ordnance Survey paper map copy license available through GroundSure.

12.3 GroundSure reserves the right to amend or vary this Contract. No amendment or variation to this Contract shall be valid unless signed by an authorised representative of GroundSure.

12.4 No failure on the part of GroundSure to exercise, and no delay in exercising, any right, power or provision under this Contract shall operate as a waiver thereof.

12.5 Save as expressly provided in this Contract, no person other than the persons set out therein shall have any right under the Contract (Rights of Third Parties) Act 1999 to enforce any terms of the Contract.

12.6 The Secretary of State for Business, Innovation and Skills ("BIS") or BIS' successor body, as the case may be, acting through Ordnance Survey may enforce a breach of clause 6.4(vi) and clause 6.4(vii) of these terms and conditions against the Client in accordance with the provisions of the Contracts (Rights of Third Parties) Act 1999.

12.7 GroundSure shall not be liable to the Client if the provision of the Services is delayed or prevented by one or more of the following circumstances:

(i) the Client or Beneficiary's failure to provide facilities, access or information;

(ii) fire, storm, flood, tempest or epidemic;

(iii) Acts of God or the public enemy;

(iv) riot, civil commotion or war;

(v) strikes, labour disputes or industrial action;

(vi) acts or regulations of any governmental or other agency;

(vii) suspension or delay of services at public registries by Third Party Data Providers;

(viii) changes in law; or

(ix) any other reason beyond GroundSure's reasonable control.

In the event that GroundSure is prevented from performing the Services (or any part thereof) in accordance with this clause 12.6 for a period of not less than 30 days then GroundSure shall be entitled to terminate this Contract immediately on written notice to the Client.

12.8 Any notice provided shall be in writing and shall be deemed to be properly given if delivered by hand or sent by first class post, facsimile or by email to the address, facsimile number or email address of the relevant party as may have been notified by each party to the other for such purpose or in the absence of such notification the last known address.

12.9 Such notice shall be deemed to have been received on the day of delivery if delivered by hand, facsimile or email (save to the extent such day is not a working day where it shall be deemed to have been delivered on the next working day) and on the second working day after the day of posting if sent by first class post.

12.10 The Contract constitutes the entire agreement between the parties and shall supersede all previous arrangements between the parties relating to the subject matter hereof.

12.11 Each of the provisions of the Contract is severable and distinct from the others and if one or more provisions is or should become invalid, illegal or unenforceable, the validity and enforceability of the remaining provisions shall not in any way be tainted or impaired.

12.12 This Contract shall be governed by and construed in accordance with English law and any proceedings arising out of or connected with this Contract shall be subject to the exclusive jurisdiction of the English courts.

12.13 GroundSure is an executive member of the Council of Property Search Organisation (CoPSO) and has signed up to the Search Code administered by the Property Codes Compliance Board (PCCB). All Risk Screening Reports shall be supplied in accordance with the provisions of the Search Code.

12.14 If the Client or Beneficiary has a complaint about the Services, written notice should be given to the Compliance Officer at GroundSure who will respond in a timely manner.

12.15 The Client agrees that it shall, and shall procure that each Beneficiary shall, treat in confidence all Confidential Information and shall not, and shall procure that each Beneficiary shall not (i) disclose any Confidential Information to any third party other than in accordance with the terms of this Contract; and (ii) use Confidential Information for a purpose other than the exercise of its rights and obligations under this Contract. Subject to clause 6.6, nothing shall prevent the Client or any Beneficiary from disclosing Confidential Information to the extent required by law.

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RSK STATS Geoconsult Ltd (Bedminster)	GroundSure	HMD-441-912071
Spring Lodge, , 172 Chester Road,	Reference:	
Cheshire,	Your Reference:	312318
Helsby, WA6 0AR	Report Date:	Jun 6, 2013
	Report Delivery	xml
	Method:	
	Client Email:	██████████@rsk.co.uk

GroundSure Data

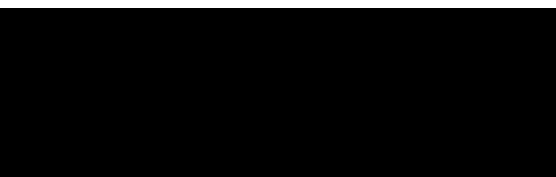
Address: Hinkley C to Seabank grid connection project

Dear Sir/Madam,

Thank you for placing your order with GroundSure. Please find enclosed the GroundSure Data report as requested.

If you need any further assistance, please do not hesitate to contact our helpline on 08444 159000 quoting the above GroundSure reference number.

Yours faithfully,



Managing Director
Groundsure Limited

Enc.
GroundSure Data

GroundSure Data

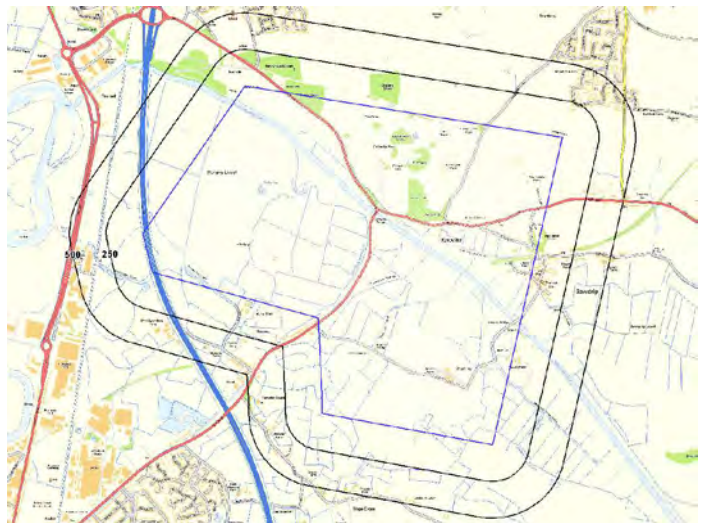
Address: Hinkley C to Seabank grid connection project

Date: Jun 6, 2013

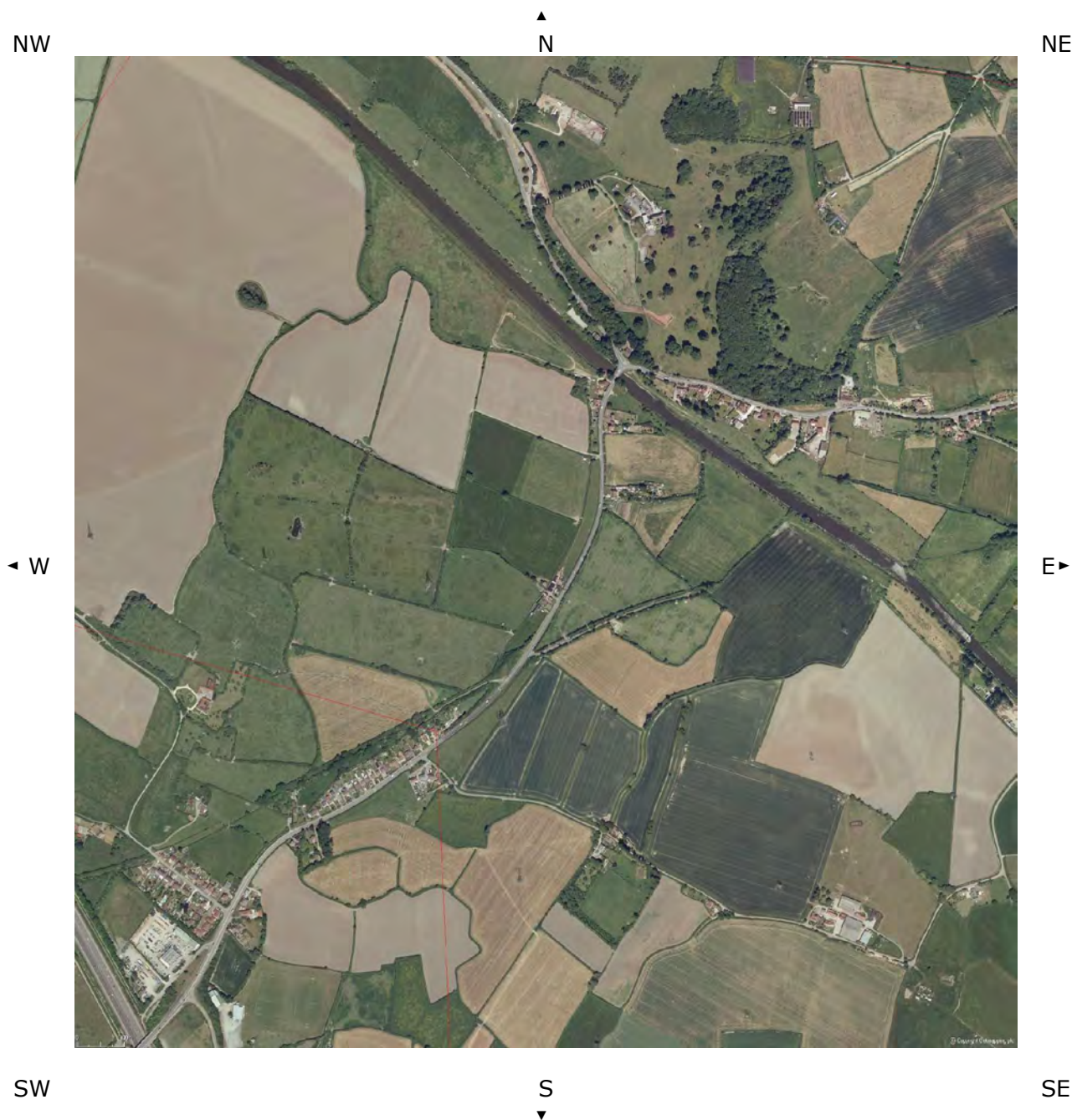
GroundSure Reference: HMD-441-912071

Your Reference: 312318

Client: RSK STATS Geoconsult Ltd (Bedminster)



Aerial Photograph of Study Site



Aerial photography supplied by Getmapping PLC.
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Site Name: Hinkley C to Seabank grid connection project
Grid Reference: 353664,181211

Report Reference: HMD-441-912071

If you would like any further assistance regarding this report then please contact
GroundSure on (T) 08444 159 000, email: info@4c.groundsure.com

Overview of Findings

For further details on each dataset, please refer to each individual section in the main report as listed. Where the database has been searched a numerical result will be recorded. Where the database has not been searched '-' will be recorded.

Report Section	Number of records found within (X) m of the study site boundary					
	on-site	0-50	51-250	251-500	501-1000	1000-1500
1. Historical Industrial Sites						
1.1 Potentially Contaminative Past Land Use						
Records of potentially contaminative past land use (1:10,000 scale mapping)	31	3	11	-	-	-
1.2 Additional Information – Historical Tanks (1:2,500,1:1,250 scale mapping)	10	0	0*	-	-	-
1.3 Additional Information – Historical Energy Features (1:2,500,1:1,250 scale mapping)	1	0	0*	-	-	-
1.4 Additional Information – Historical Petrol and Fuel Site Database (1:2,500,1:1,250 scale mapping)	0	0	0*	-	-	-
1.5 Additional Information – Historical Vehicle Repair and Garages (1:2,500,1:1,250 scale mapping)	1	0	0*	-	-	-
1.6 Potentially Infilled Land						
Records of potentially infilled land (1:10,000 scale mapping)	73	10	14*	-	-	-
*51-100m						
2. Environmental Permits, Incidents and Registers						
2.1 Industrial Sites Holding Environmental Permits and/or Authorisations						
Records of historic IPC Authorisations	0	0	0	0	-	-
Records of Part A(1) and IPPC Authorised Activities	0	0	0	0	-	-
Records of Water Industry Referrals (potentially harmful discharges to the public sewer)	0	0	0	0	-	-
Records of Red List Discharge Consents (potentially harmful discharges to controlled waters)	0	0	0	0	-	-
Records of List 1 Dangerous Substances Inventory sites	0	0	0	0	-	-
Records of List 2 Dangerous Substances Inventory sites	0	0	0	0	-	-
Records of Part A(2) and Part B Activities and Enforcements	0	0	0	0	-	-
Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0	-	-
Records of Licensed Discharge Consents	6	0	3	8	-	-
Records of Planning Hazardous Substance Consents and Enforcements	0	0	0	0		
2.2 Records of COMAH and NIHHS sites	0	0	0	0	-	-
2.3 Environment Agency Recorded Pollution Incidents						
National Incidents Recording System, List 2	12	0	4	-	-	-
National Incidents Recording System, List 1	0	0	0	-	-	-
2.4 Sites Determined as Contaminated Land under Part IIA EPA 1990	0	0	0	0	-	-

Report Reference: HMD-441-912071

If you would like any further assistance regarding this report then please contact GroundSure on (T) 08444 159 000, email: info@4c.groundsure.com

3. Landfill and Other Waste Sites	on-site	0-50	51-250	251-500	501-1000	1000-1500
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3.1 Landfill Sites

Environment Agency Registered landfill Sites	0	0	0	0	0	-
Landfill Data – Operational Landfill Sites	0	0	0	0	0	-
Environment Agency Historic Landfill Sites	0	0	0	0	2	2
Landfill Data – Non-Operational Landfill Sites	0	0	0	0	1	-
BGS/DoE Landfill Site Survey	0	0	0	0	0	0
GroundSure Local Authority Landfill Sites Data	0	0	0	0	0	0

3.2 Landfill and Other Waste Sites Findings

Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	-	-
Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	-	-
Environment Agency licensed Waste Sites	1	0	0	0	1	0

4. Current Land Uses	on-site	0-50	51-250	251-500	501-1000	1000-1500
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4.1 Current Industrial Sites Data	24	0	10	-	-	-
4.2 Records of Petrol and Fuel Sites	0	0	0	0	-	-
4.3 Underground High Pressure Oil and Gas Pipelines	0	0	0	0	-	-

5. Geology	Description
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5.1 Are there any records of Artificial Ground and Made Ground present beneath the study site? *	No
5.2 Are there any records of Superficial Ground and Drift Geology present beneath the study site? *	Yes
5.3 For records of Bedrock and Solid Geology beneath the study site* see the detailed findings section. Source: Scale: 1:50,000 BGS Sheet 295	

* This includes an automatically generated 50m buffer zone around the site.

6. Hydrogeology and Hydrology	on-site	0-50	51-250	251-500	501-1000	1001-2000
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6.1 Are there any records of Productive Strata in the Superficial Geology within 500m of the study site?				Yes		
6.2 Are there any records of Productive Strata in the Bedrock Geology within 500m of the study site?				Yes		
6.3 Groundwater Abstraction Licences (within 1000m of the study site).	4	0	0	3	1	-
6.4 Surface Water Abstraction Licences (within 1000m of the study site).	3	0	1	0	1	-
6.5 Potable Water Abstraction Licences (within 2000m of the study site).	0	0	0	0	0	0
6.6 Are there any Source Protection Zones within 500m of the study site?				No		
6.7 River Quality	on-site	0-50	51-250	251-500	501-1000	1001-1500
Is there any Environment Agency information on river quality within 1500m of the study site?	Yes	No	Yes	Yes	Yes	Yes
6.8 Detailed River Network entries within 500m of the site	11	0	4	14	-	-
6.9 Surface water features within 250m of the study site	Yes	Yes	Yes	-	-	-

7. Flooding

Report Reference: HMD-441-912071

If you would like any further assistance regarding this report then please contact GroundSure on (T) 08444 159 000, email: info@4c.groundsure.com

7.1 Are there any Environment Agency indicative Zone 2 floodplains within 250m of the study site?	Yes
7.2 Are there any Environment Agency indicative Zone 3 floodplains within 250m of the study site?	Yes
7.3 Are there any Flood Defences within 250m of the study site?	No
7.4 Are there any areas benefiting from Flood Defences within 250m of the study site?	No
7.5 Are there any areas used for Flood Storage within 250m of the study site?	No
7.6 What is the maximum BGS Groundwater Flooding susceptibility within 50m of the study site?	Very High
7.7 What is the BGS confidence rating for the Groundwater Flooding susceptibility areas?	Moderate

8. Designated Environmentally Sensitive Sites	on-site	0-50	51-250	251-500	501-1000	1001-2000
8.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	0	0
8.2 Records of National Nature Reserves (NNR)	0	0	0	0	0	0
8.3 Records of Local Nature Reserves (LNR)	0	0	0	0	0	0
8.4 Records of Special Areas of Conservation (SAC)	0	0	0	0	0	0
8.5 Records of Special Protection Areas (SPA)	0	0	0	0	0	0
8.6 Records of Ramsar sites	0	0	0	0	0	0
8.7 Records of World Heritage Sites	0	0	0	0	0	0
8.8 Records of Environmentally Sensitive Areas	0	0	0	0	0	2
8.9 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	0	0
8.10 Records of National Parks	0	0	0	0	0	0
8.11 Records of Nitrate Sensitive Areas	0	0	0	0	0	0

9. Additional Information	on-site	0-50	51-250	250-500
9.1 Records of mobile phone transmitters	1	1	0	0
9.2 Records of potential sites of OfCom telecommunications masts	1	1	0	0
9.3 Records of transmission lines in proximity to the study site	3	0	1	0

10. Natural Hazards

10.1 What is the maximum risk of natural ground subsidence?	Moderate
10.2 Is the property in a radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level?	The property is in a Radon Affected Area, as between 10 and 30% of properties are above the Action Level
Is the property in an area where radon protection measures are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment?	Full radon protective measures are necessary

11. Mining

11.1 Are there any coal mining areas within 75m of the study site?	No
11.2 What is the risk of subsidence relating to shallow mining within 150m of the study site?	Negligible
11.3 Are there any brine affected areas within 75m of the study site?	No

Using this Report

The following report is designed by Environmental Consultants for Environmental Professionals bringing together the most up-to-date market leading environmental data. This report is provided under and subject to the Terms & Conditions agreed between GroundSure and the Client. The document contains the following sections:

1. Historical Industrial Sites

Provides information on past land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. Potentially Infilled Land features are also included. This search is conducted using radii of up to 250m.

2. Environmental Permits, Incidents and Registers

Provides information on Regulated Industrial Activities and Pollution Incidents as recorded by Regulatory Authorities, and sites determined as Contaminated Land. This search is conducted using radii up to 500m.

3. Landfills and Other Waste Sites

Provides information on landfills and other waste sites that may pose a risk to the study site. This search is conducted using radii up to 1500m.

4. Current Land Uses

Provides information on current land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. These searches are conducted using radii of up to 500m. This includes information on potentially contaminative industrial sites, petrol stations and fuel sites as well as high pressure underground oil and gas pipelines.

5. Geology

Provides information on artificial and superficial deposits and bedrock beneath the study site.

6. Hydrogeology and Hydrology

Provides information on groundwater vulnerability, soil leaching potential, abstraction licenses, Source Protection Zones (SPZ) and river quality. These searches are conducted using radii of up to 2000m.

7. Flooding

Provides information on surface water flooding, flood defences, flood storage areas and groundwater flood areas. This search is conducted using radii of up to 250m.

8. Designated Environmentally Sensitive Sites

Provides information on the Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNR), Special Areas of Conservation (SAC), Special Protection Areas (SPA), Ramsar sites, Local Nature Reserves (LNR), Areas of Outstanding Natural Beauty (AONB), National Parks (NP), Environmentally Sensitive Areas, Nitrate Sensitive Areas and World Heritage Sites. These searches are conducted using radii of up to 2000m.

9. Additional Information

Provides information on records of mobile phone transmitters, potential sites of OfCom telecommunication masts and overhead transmission lines up to 500m.

Report Reference: HMD-441-912071

If you would like any further assistance regarding this report then please contact
GroundSure on (T) 08444 159 000, email: info@4c.groundsure.com

10. Natural Hazards

Provides information on a range of natural hazards that may pose a risk to the study site. These factors include natural ground subsidence and radon.

11. Mining

Provides information on areas of coal and shallow mining.

12. Contacts

This section of the report provides contact points for statutory bodies and data providers that may be able to provide further information on issues raised within this report. Alternatively, GroundSure provide a free Technical Helpline (08444 159000) for further information and guidance.

Note: Maps

Only certain features are placed on the maps within the report. All features represented on maps found within this search are given an identification number. This number identifies the feature on the mapping and correlates it to the additional information provided below. This identification number precedes all other information and takes the following format -Id: 1, Id: 2, etc. Where numerous features on the same map are in such close proximity that the numbers would obscure each other a letter identifier is used instead to represent the features. (e.g. Three features which overlap may be given the identifier "A" on the map and would be identified separately as features 1A, 3A, 10A on the data tables provided).

Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

All distances given in this report are in Metres (m). Directions are given as compass headings such as N: North, E: East, NE: North East from the nearest point of the study site boundary.

1. Historical Industrial Sites

1.1 Potentially Contaminative Uses identified from High Detail (1:10,000 scale) Mapping

The systematic analysis of data extracted from standard 1:10,560 and 1:10,000 scale historical maps provides the following information:

Records of sites with a potentially contaminative past land use within 250m of the search boundary: 45

The following records are not represented on Mapping:

Distance [m]	Direction	Use	Date
0.0	On Site	Unspecified Level	1956
0.0	On Site	Unspecified Heap	1976
0.0	On Site	Unspecified Heap	1886
0.0	On Site	Unspecified Heap	1903
0.0	On Site	Unspecified Heap	1931
0.0	On Site	Unspecified Level	1976
0.0	On Site	Unspecified Heap	1976
0.0	On Site	Pump House	1976
0.0	On Site	Unspecified Tank	1956
0.0	On Site	Unspecified Commercial/Industrial	1903
0.0	On Site	Unspecified Tanks	1976
0.0	On Site	Unspecified Ground Workings	1956
0.0	On Site	Unspecified Ground Workings	1886
0.0	On Site	Unspecified Ground Workings	1886
0.0	On Site	Filter Station	1976
0.0	On Site	Unspecified Pit	1956
0.0	On Site	Unspecified Pit	1931
0.0	On Site	Sewage Works	1977
0.0	On Site	Sewage Works	1990
0.0	On Site	Unspecified Tank	1977
0.0	On Site	Unspecified Tank	1990
0.0	On Site	Unspecified Depot	1990
0.0	On Site	Unspecified Depot	1977
0.0	On Site	Unspecified Depot	1990
0.0	On Site	Pumping Station	1990
0.0	On Site	Pumping Station	1977
0.0	On Site	Police Station	1990
0.0	On Site	Police Station	1977
0.0	On Site	Gasometer	1903
0.0	On Site	Railway Buildings	1955
0.0	On Site	Rifle Range	1886
16.0	E	Filter Bed	1977
16.0	E	Smithy	1903
41.0	E	Filter Bed (B)	1990
101.0	NE	Unspecified Heap	1956
107.0	NE	Unspecified Heap	1931
154.0	NW	Unspecified Heap	1976
162.0	NW	Unspecified Heap	1903
162.0	NW	Unspecified Heap	1931
165.0	NW	Unspecified Heap	1886
183.0	E	Unspecified Ground Workings	1976
192.0	S	Pumping Station	1990
220.0	S	Dairy (B)	1977
220.0	S	Dairy (B)	1990
232.0	NW	Old Windmill	1903

1.2 Additional Information – Historical Tank Database

Report Reference: HMD-441-912071

If you would like any further assistance regarding this report then please contact GroundSure on (T) 08444 159 000, email: info@4c.groundsure.com

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical tanks within 100m of the search boundary:

10

The following records are not represented on Mapping:

Distance (m)	Direction	Use	Date
0.0	On Site	Tanks	1968
0.0	On Site	Tanks	1968
0.0	On Site	Tanks	1968
0.0	On Site	Gasometer	1904
0.0	On Site	Tank (Unspecified)	1904
0.0	On Site	Tanks	1904
0.0	On Site	Tank (Unspecified)	1930
0.0	On Site	Tank (Unspecified)	1930
0.0	On Site	Tanks	1930
0.0	On Site	Tank (Unspecified)	1930

1.3 Additional Information – Historical Energy Features Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical energy features within 100m of the search boundary:

1

The following records are not represented on Mapping:

Distance (m)	Direction	Use	Date
0.0	On Site	Gasometer	1904

1.4 Additional Information – Historical Petrol and Fuel Site Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical petrol stations and fuel sites within 100m of the search boundary:

0

Database searched and no data found.

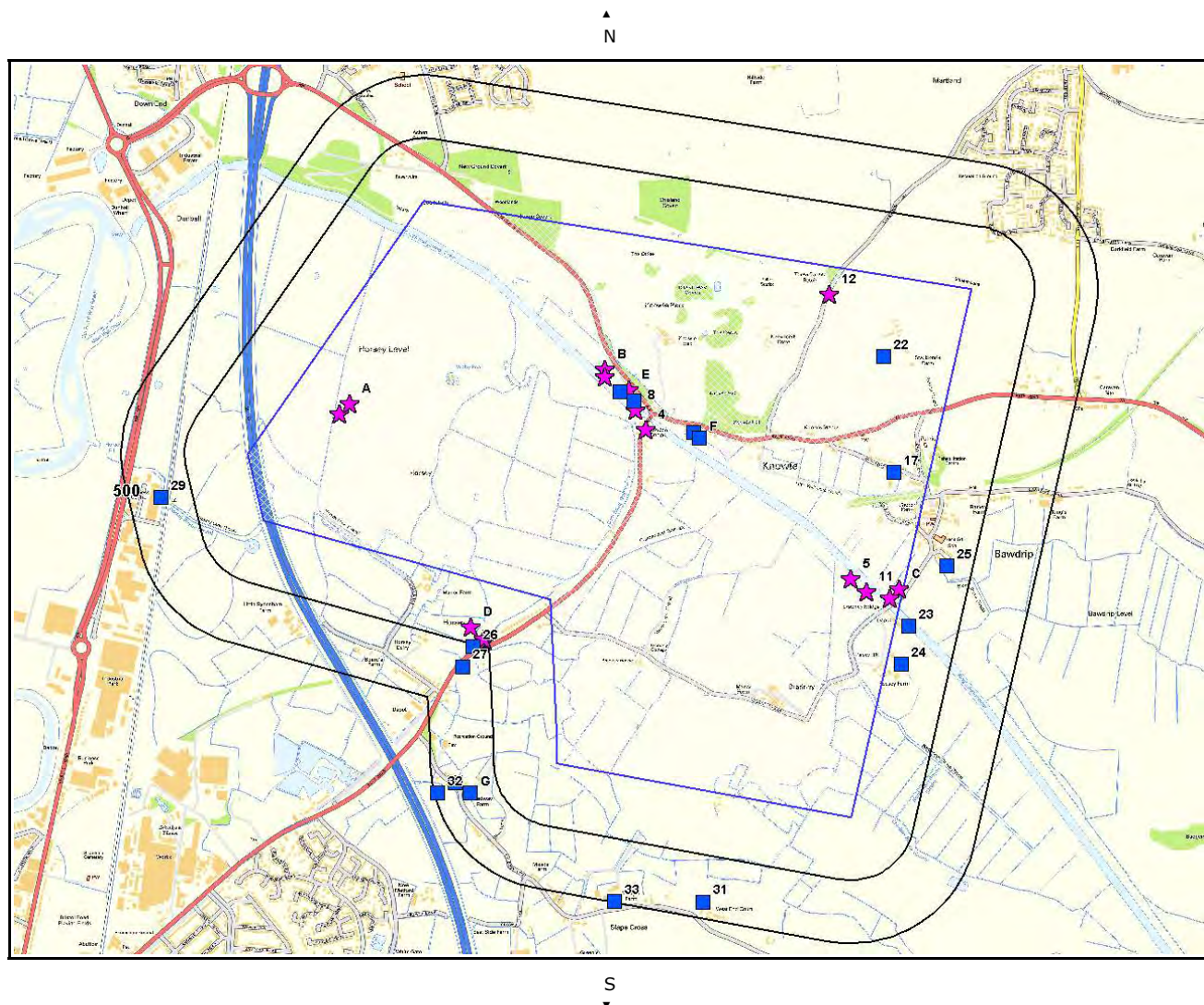
1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Report Reference: HMD-441-912071

0.0	On Site	Unspecified Ground Workings	1886
0.0	On Site	Unspecified Old Quarry	1931
0.0	On Site	Unspecified Old Quarry	1903
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Unspecified Heap	1931
0.0	On Site	Unspecified Heap	1903
0.0	On Site	Unspecified Heap	1886
0.0	On Site	Unspecified Heap	1976
0.0	On Site	Unspecified Heap	1976
0.0	On Site	Unspecified Level	1976
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Unspecified Pit	1956
0.0	On Site	Unspecified Pit	1931
0.0	On Site	Unspecified Old Quarry	1903
0.0	On Site	Sewage Works	1977
0.0	On Site	Sewage Works	1990
0.0	On Site	Pond	1931
0.0	On Site	Pond	1886
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
4.0	S	Pond	1886
6.0	S	Pond	1931
12.0	S	Pond	1931
16.0	S	Pond	1955
16.0	S	Pond	1990
16.0	S	Pond	1977
16.0	E	Filter Bed	1977
27.0	N	Pond	1931
28.0	N	Pond	1931
41.0	E	Filter Bed (B)	1990
66.0	E	Pond	1931
73.0	S	Pond	1931
77.0	S	Pond	1931
77.0	N	Pond	1931
78.0	N	Pond	1931
82.0	N	Covered Reservoirs	1976
93.0	W	Pond	1931
94.0	W	Pond	1903
95.0	W	Pond	1886
96.0	NW	Pond	1931
96.0	NW	Pond	1903
99.0	NW	Pond	1976
100.0	W	Pond	1955
100.0	W	Pond	1977

2. Environmental Permits, Incidents and Registers Map



Authorisations, Incidents and Registers Legend



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- | | | | | | |
|--|--------------------|--|-------------------------------|--|--|
| | Site Outline | | Recorded Pollution Incident | | RAS 3 & 4 Authorisations |
| | Search Buffers (m) | | Dangerous Substances (List 1) | | Part A(1) Authorised Processes and Historic IPC Authorisations |
| | 250 | | Dangerous Substances (List 2) | | Part A(2) and Part B Authorised Processes |
| | 500 | | Water Industry Referrals | | COMAH / NIHHS Sites |
| | | | Licenced Discharge Consents | | Sites Determined as Contaminated Land |
| | | | Red List Discharge Consents | | Hazardous Substance Consents and Enforcements |

2.Environmental Permits, Incidents and Registers

2.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency and Local Authorities reveal the following information:

Records of historic IPC Authorisations within 500m of the study site: 0

Database searched and no data found.

Records of Part A(1) and IPPC Authorised Activities within 500m of the study site: 0

Database searched and no data found.

Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site: 0

Database searched and no data found.

Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site: 0

Database searched and no data found.

Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site: 0

Database searched and no data found.

Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site: 0

Database searched and no data found.

Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site: 0

Database searched and no data found.

Records of Category 3 or 4 Radioactive Substance Licences within 500m of the study site: 0

Database searched and no data found.

Records of Licensed Discharge Consents within 500m of the study site: 17

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The following Licensed Discharge Consents records are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance [m]	Direction	NGR	Details	
17	0.0	On Site	334000, 139770	Address: Church Farm (bawdrip,bridgwater), Bawdrip, Bridgwater, Somerset Effluent Type: Agriculture - Site Drainage Permit Number: 080570 Permit Version: 1	Receiving Water: Trib Of Kings Sedgemoor Drain Status: Transferred From R(pp)a 1951-1961 Issue date: - Effective Date: 9/10/1969 Revocation Date: -
18E	0.0	On Site	332976, 140054	Address: Bae Systems (bridgwater), Water Treatment Works, Bridgwater, Somerset, TA7 8AD Effluent Type: Trade Discharges - Process Effluent - Not Water Company Permit Number: NPSWQD005828 Permit Version: 1	Receiving Water: Kings Sedgemoor Drain Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 27/3/2009 Effective Date: 1/4/2009 Revocation Date: -
19F	0.0	On Site	333232, 139906	Address: Monmouth, 98 Bath Road, Knowle, Bridgwater, Somerset, TA7 8PJ Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 103758 Permit Version: 1	Receiving Water: Ditch To Kings Sedgemoor Drain Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 20/6/2007 Effective Date: 20/6/2007 Revocation Date: -
20E	0.0	On Site	332920, 140090	Address: Pump House, Crandon Bridge, Bridgwater, Somerset Effluent Type: Miscellaneous Discharges - Unspecified Permit Number: 070466 Permit Version: 1	Receiving Water: Kings Sedgemoor Drain Status: Revoked (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: - Effective Date: 12/3/1990 Revocation Date: 8/2/2007
21F	0.0	On Site	333210, 139930	Address: 96 Bath Road, Knowle, Bridgwater, Somerset, TA7 8PJ Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 103769 Permit Version: 1	Receiving Water: Ditch To Kings Sedgemoor Drain Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 20/6/2007 Effective Date: 20/6/2007 Revocation Date: -
22	0.0	On Site	333960, 140230	Address: Stocklands Farm, Bath Road, Knowle, Bridgwater, Somerset, TA7 8PN Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 103238 Permit Version: 1	Receiving Water: Soakaway Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: - Effective Date: - Revocation Date: -
23	55.0	E	334060, 139160	Address: Bradney Depot, Bradney Lane, Bridgwater, Somerset Effluent Type: Trade Discharges - Site Drainage Permit Number: 072328 Permit Version: 1	Receiving Water: Kings Sedgemoor Drain Status: Revoked Under Epr 2010 Issue date: 14/3/1996 Effective Date: 26/2/1996 Revocation Date: 29/3/2011
24	59.0	E	334030, 139010	Address: Peasey Farm, Bawdrip, Bridgwater, Somerset Effluent Type: Agriculture - Arable Farming Permit Number: 081282 Permit Version: 1	Receiving Water: Trib Of River Cary Status: Transferred From R(pp)a 1951-1961 Issue date: - Effective Date: 8/1/1974 Revocation Date: -
25	148.0	E	334210, 139400	Address: Bungalow, Stone Drove, Bawdrip, Bridgwater, Somerset, TA7 8QE Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 101268 Permit Version: 1	Receiving Water: Soakaway Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 30/8/2000 Effective Date: 14/8/2000 Revocation Date: -
26	261.0	S	332340, 139080	Address: Bath Road Ps, Horsey, Bridgwater Effluent Type: Sewage Discharges - Pumping Station - Water Company Permit Number: 101841 Permit Version: 1	Receiving Water: Bath Road Rhyne(s) Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 18/9/2002 Effective Date: 18/9/2002 Revocation Date: -

27	349.0	S	332300, 139000	Address: Bath Road Ps, Horsey, Bridgwater Effluent Type: Sewage Discharges - Pumping Station - Water Company Permit Number: 070855 Permit Version: 1	Receiving Water: M/h 1, Ditch Status: Revoked - Unspecified Issue date: - Effective Date: - Revocation Date: 17/9/2002
28G	365.0	W	332330, 138500	Address: Medway Farm, Chedzoy, Bridgwater, Somerset Effluent Type: Agriculture - Arable Farming Permit Number: 081641 Permit Version: 1	Receiving Water: King Sedgemoor Drain Status: Revoked (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: - Effective Date: 24/1/1972 Revocation Date: -
29	376.0	W	331110, 139670	Address: Bradshaw's Banana Warehouse, Bristol Road, Bridgwater, Somerset Effluent Type: Trade Discharges - Site Drainage Permit Number: 012674 Permit Version: 1	Receiving Water: Horsey Rhyne Status: Surrendered Under Epr 2010 Issue date: 13/2/1995 Effective Date: 7/2/1995 Revocation Date: -
30G	412.0	W	332270, 138540	Address: Chedzoy Lane Pumping Station, Horsey, Bridgwater, Somerset, . Effluent Type: Sewage Discharges - Pumping Station - Water Company Permit Number: 101709 Permit Version: 1	Receiving Water: Trib Of Kings Sedgemoor Drain Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 15/2/2002 Effective Date: 31/3/2002 Revocation Date: -
31	437.0	S	333250, 138068	Address: West End Farm, Chedzoy, Bridgwater, Somerset, Somerset, TA7 8QS Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: NPSWQD000154 Permit Version: 1	Receiving Water: Ground Water Via Soakaway Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: - Effective Date: - Revocation Date: -
32	489.0	W	332200, 138500	Address: Chedzoy Lane, Horsey Effluent Type: Sewage Discharges - Pumping Station - Water Company Permit Number: 070857 Permit Version: 1	Receiving Water: Ditch Status: Revoked - Unspecified Issue date: - Effective Date: - Revocation Date: 30/3/2002
33	499.0	S	332900, 138070	Address: Temple Farm, Chedzoy Lane, Chedzoy, Bridgwater, Somerset, TA7 8QR Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 102614 Permit Version: 1	Receiving Water: Soakaway Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 30/4/2004 Effective Date: 26/2/2004 Revocation Date: -

Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site: 0

Database searched and no data found.

2.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site: 0

Database searched and no data found.

2.3 Environment Agency Recorded Pollution Incidents

Records of National Incidents Recording System, List 2 within 250m of the study site: 16

The following NIRS List 2 records are represented as points on the Authorisations, Incidents and Registers Map:

ID	Distance [m]	Direction	NGR	Details
----	--------------	-----------	-----	---------

Report Reference: HMD-441-912071

1C	0.0	On Site	334020, 139310	Incident Date: 20/3/2003 Incident Identification: 144607 Pollutant: Specific Waste Materials Pollutant Description: Tyres	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
2B	0.0	On Site	332860, 140180	Incident Date: 17/9/2003 Incident Identification: 190479 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
3A	0.0	On Site	331851, 140044	Incident Date: 9/6/2003 Incident Identification: 164258 Pollutant: Sewage Materials Pollutant Description: Sludge	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
4	0.0	On Site	333020, 139940	Incident Date: 29/4/2002 Incident Identification: 75502 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
5	0.0	On Site	333830, 139350	Incident Date: 21/5/2003 Incident Identification: 159757 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
6E	0.0	On Site	332954, 140098	Incident Date: 27/6/2003 Incident Identification: 169379 Pollutant: Specific Waste Materials Pollutant Description: Tyres	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
7A	0.0	On Site	331811, 140004	Incident Date: 27/5/2003 Incident Identification: 161121 Pollutant: Sewage Materials Pollutant Description: Sludge	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
8	0.0	On Site	332980, 140020	Incident Date: 10/7/2002 Incident Identification: 90454 Pollutant: Specific Waste Materials Pollutant Description: Vehicles and Vehicle Parts	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
9B	0.0	On Site	332860, 140150	Incident Date: 13/8/2001 Incident Identification: 23777 Pollutant: Specific Waste Materials Pollutant Description: Vehicles and Vehicle Parts	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
10C	0.0	On Site	333981, 139273	Incident Date: 22/5/2003 Incident Identification: 160205 Pollutant: Specific Waste Materials Pollutant Description: Other Specific Waste Material	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
11	0.0	On Site	333891, 139298	Incident Date: 10/7/2003 Incident Identification: 172579 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
12	0.0	On Site	333743, 140478	Incident Date: 15/7/2002 Incident Identification: 91739 Pollutant: Specific Waste Materials Pollutant Description: Other Specific Waste Material	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
13 D	187.0	S	332330, 139160	Incident Date: 17/11/2002 Incident Identification: 121358 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
14 D	222.0	S	332380, 139110	Incident Date: 13/5/2001 Incident Identification: 5351 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
15 D	226.0	S	332386, 139104	Incident Date: 31/7/2002 Incident Identification: 96318 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
16 D	226.0	S	332386, 139104	Incident Date: 19/8/2001 Incident Identification: 25302 Pollutant: Sewage Materials Pollutant Description: Storm Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

Records of National Incidents Recording System, List 1 within 250m of the study site:

0

Database searched and no data found.

2.4 Sites Determined as Contaminated Land under Part IIA EPA 1990¹

How many records of sites determined as contaminated land under Section 78R of the Environmental Protection Act 1990 are there within 500m of the study site?

0

Database searched and no data found.

¹Further information on sites that have been determined under the Contaminated Land Regime is maintained by Local Authorities under Section 78R of the Environmental Protection Act 1990. Information should be available on both sites currently determined as Contaminated Land and Special Sites.

3. Landfill and Other Waste Sites Map

NW

N

NE

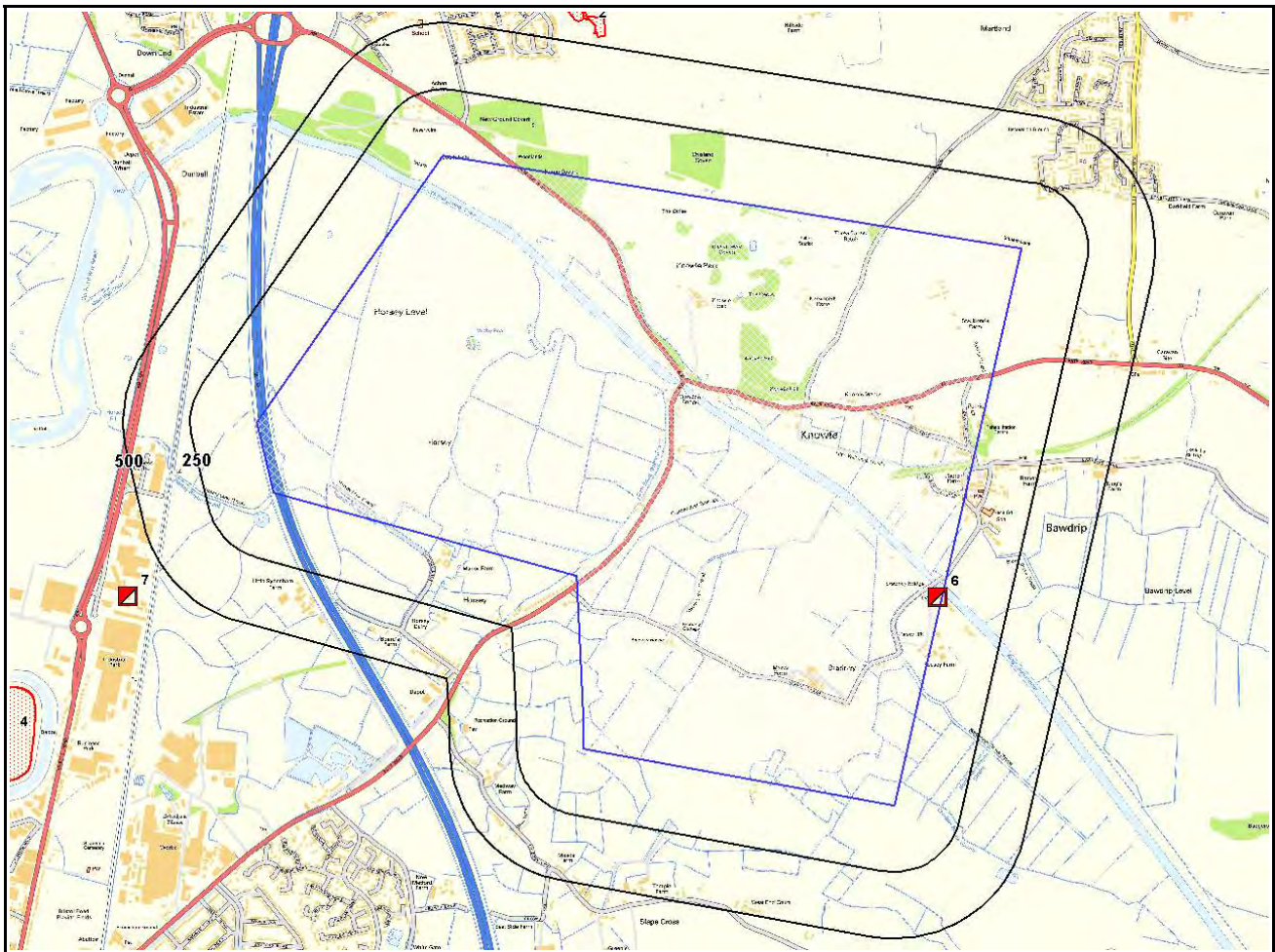
W

E

SW

S

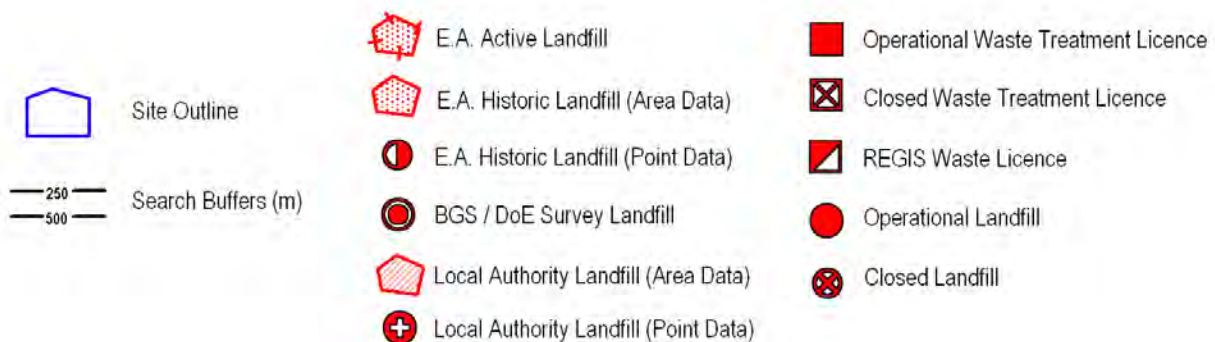
SE



Landfill & Other Waste Sites Legend

Mapping sourced from
Ordnance Survey

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3. Landfill and Other Waste Sites

3.1 Landfill Sites

Records from Environment Agency landfill data within 1000m of the study site: **0**

Database searched and no data found.

Records of operational landfill sites sourced from Landmark within 1000m of the study site: **0**

Database searched and no data found.

Records of Environment Agency historic landfill sites within 1500m of the study site: **4**

The following landfill records are represented as either points or polygons on the Landfill and Other Waste Sites map:

ID	Distance [m]	Direction	NGR	Details
2	534.0	N	332700, 141300	Site Address: Puriton Park, Woolavington Road, Puriton, Bridgwater, Somerset Waste Licence: Yes Site Reference: WDL/220 Waste Type: Inert, Industrial Regis Reference: - Licence Issue: 31-Dec-1988 Licence Surrendered: 04-Feb-1993 Licence Hold Address: The Drove, Castlefields Bristol Road, Bridgwater, Somerset Operator: -
3	579.0	N	332600, 141300	Site Address: Disused Quarry East Of Puriton Park, Puriton, Puriton Park Waste Licence: Yes Site Reference: WDL/231 Waste Type: Inert, Industrial, Household Regis Reference: - Licence Issue: 06-Apr-1989 Licence Surrendered: Licence Hold Address: The Drove, Castlefields, Bristol Road, Bridgwater, Somerset Operator: -
4	1180.0	SW	330200, 138500	Site Address: Saltlands Waste Disposal Site, Bridgwater, Somerset Waste Licence: Yes Site Reference: WDL/044 Waste Type: Inert, Industrial, Commercial, Household Regis Reference: - Licence Issue: 27-Sep-1979 Licence Surrendered: 02-Aug-1992 Licence Hold Address: County Hall, Taunton, Somerset Operator: -
Not shown	1443.0	N	332800, 142200	Site Address: Royal Ordinance Factory, Puriton, Bridgwater, Somerset Waste Licence: - Site Reference: US 125 Waste Type: Inert Regis Reference: - Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -

Records of non-operational landfill sites sourced from Landmark within 1000m of the study site: **1**

The following landfill records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance [m]	Direction	NGR	Details
Not shown	634.0	N	332700, 141400	Site Address: Dis. Quarry East of Puriton Park, Puriton, BRIDGWATER, Somerset Landfill Licence: 360AGHAL Agency Reference: Waste Type: Inert Waste Description: Inert Landfill Known Restrictions: No known restriction on source of waste Record Date: 31-Mar-1989 Transfer Date: Modification Date: Status: Licence known to be surrendered Category: LANDFILL Regulator: EA - South West Region - North Wessex Area (Bridgwater) Size: Undefined

Records of BGS/DoE non-operational landfill sites within 1500m of the study site: **0**

Report Reference: HMD-441-912071

Database searched and no data found.

Records of Local Authority landfill sites within 1500m of the study site:

0

Database searched and no data found.

3.2 Other Waste Sites

Records of operational waste treatment, transfer or disposal sites within 500m of the study site:

0

Database searched and no data found.

Records of non-operational waste treatment, transfer or disposal sites within 500m of the study site:

0

Database searched and no data found.

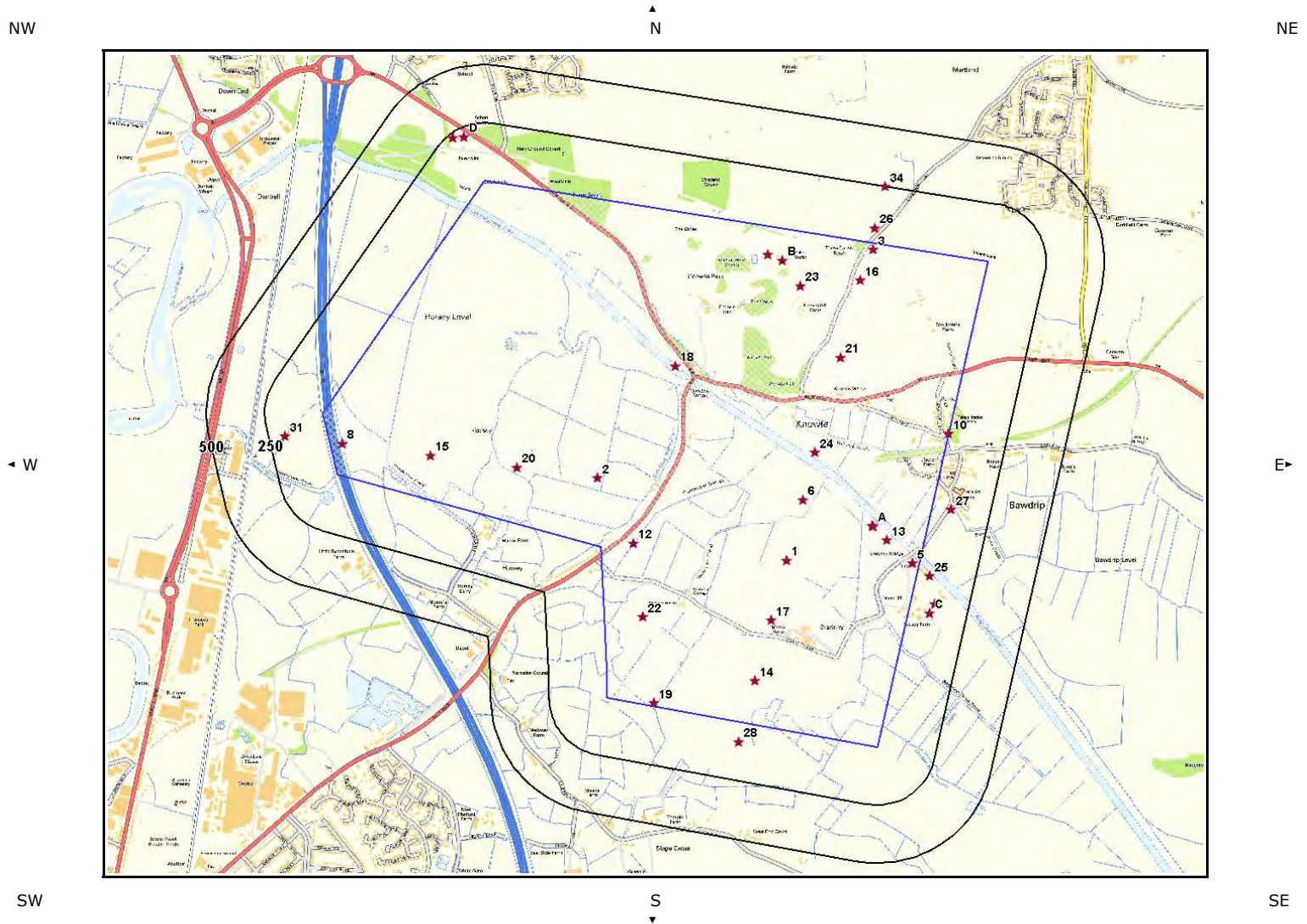
Records of Environment Agency licensed waste sites within 1500m of the study site:

2

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance [m]	Direction	NGR	Details	
6	0.0	On Site	333995, 139188	Site Address: Bradney Depot, Bradney Lane, Bawdrip, Bridgwater, Somerset, TA7 8PZ Type: Special Waste Transfer Station Size: < 25000 tonnes Regis Licence Number: EAL002 Operator: Environment Agency- South West Region- North Wessex Area Surrendered Date: - Waste Management licence No: 86367 Annual Tonnage: 4999.0	Issue Date: 23/05/2005 Expiry Date: - Effective Date: - Status: Revoked Modified: - Site Name: Bradney Depot Cancelled Date: - Correspondence Address: -, -
7	671.0	SW	330971, 139192	Site Address: 19, Wireworks Estate, Bristol Road, Bridgwater, Somerset, TA6 4AP Type: ELV Facility Size: < 25000 tonnes Regis Licence Number: DAN005 Operator: Bennett David Surrendered Date: - Waste Management licence No: 26108 Annual Tonnage: 2500.0	Issue Date: 26/10/2004 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Dans Cancelled Date: - Correspondence Address: -, -

4. Current Land Use Map



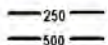
Current Land Use Legend



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Site Outline



Search Buffers (m)



Current Industrial Sites



Petrol & Fuel Sites



Underground High Pressure Oil & Fuel Pipelines

4. Current Land Uses

4.1 Current Industrial Data

Records of potentially contaminative industrial sites within 250m of the study site:

34

The following records are represented as points on the Current Land Uses map.

ID	Distance [m]	Direction	Company	Address	Activity	Category
1	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
2	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
3	0.0	On Site	Slurry Pits	TA7	Waste Storage, Processing and Disposal	Infrastructure and Facilities
4A	0.0	On Site	Works	TA7	Unspecified Works Or Factories	Industrial Features
5	0.0	On Site	Depot	TA7	Container and Storage	Transport, Storage and Delivery
6	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
7B	0.0	On Site	Tanks	TA7	Tanks (Generic)	Industrial Features
8	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
9A	0.0	On Site	Sewage Works	TA7	Waste Storage, Processing and Disposal	Infrastructure and Facilities
10	0.0	On Site	Filter Bed	TA7	Waste Storage, Processing and Disposal	Infrastructure and Facilities
11 B	0.0	On Site	Tanks	TA7	Tanks (Generic)	Industrial Features
12	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
13	0.0	On Site	Depot	TA7	Container and Storage	Transport, Storage and Delivery
14	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
15	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
16	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
17	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
18	0.0	On Site	Pumping House	TA7	Water Pumping Stations	Industrial Features
19	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
20	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
21	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
22	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
23	0.0	On Site	Pumping House	TA7	Water Pumping Stations	Industrial Features
24	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
25	54.0	E	Pumping Station	TA7	Water Pumping Stations	Industrial Features
26	64.0	N	Pylon	TA7	Electrical Features	Infrastructure and Facilities
27	80.0	E	Pumping Station	TA7	Water Pumping Stations	Industrial Features
28	86.0	S	Pylon	TA7	Electrical Features	Infrastructure and Facilities

29 C	89.0	E	Slurry Pond	TA7	Waste Storage, Processing and Disposal	Infrastructure and Facilities
30 C	104.0	E	Slurry Ponds	TA7	Waste Storage, Processing and Disposal	Infrastructure and Facilities
31	185.0	W	Pylon	TA7	Electrical Features	Infrastructure and Facilities
32 D	210.0	NW	Andee Knits Ltd	Woodside, Puriton Hill, Puriton, Bridgwater, TA7 8AG	Textiles, Fabrics, Silk and Machinery	Industrial Products
33 D	230.0	NW	Quantock Caravan Services Ltd	Meadow View, Puriton Hill, Puriton, Bridgwater, TA7 8AG	Distribution and Haulage	Transport, Storage and Delivery
34	248.0	N	Pylon	TA7	Electrical Features	Infrastructure and Facilities

4.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site:

0

Database searched and no data found.

4.3 Underground High Pressure Oil and Gas Pipelines

Records of high pressure underground pipelines within 500m of the study site:

0

Database searched and no data found.

5. Geology

5.1 Artificial Ground and Made Ground

Database searched and no data found.

The database has been searched on site, including a 50m buffer.

5.2 Superficial Ground and Drift Geology

The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
BUB-SAGR	BURTLE FORMATION	SAND AND GRAVEL
ALV-CSSG	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
TFD-CLSS	TIDAL FLAT DEPOSITS	CLAY, SILT AND SAND

(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

5.3 Bedrock and Solid Geology

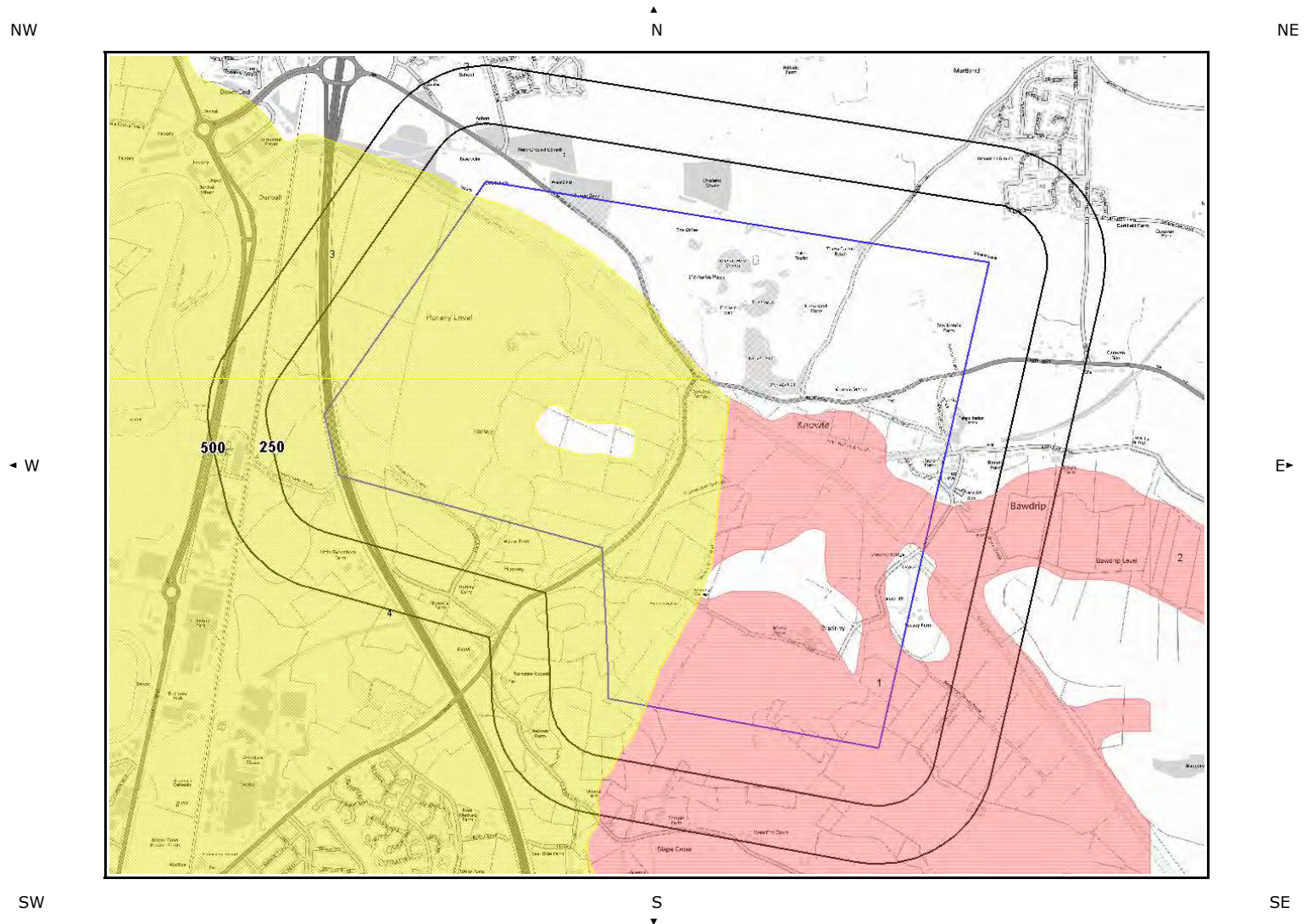
The database has been searched on site, including a 50m buffer.

LEX Code	Description	Rock Type
BAN-MDST	BLUE ANCHOR FORMATION	MUDSTONE
WBCT-MDLM	WESTBURY FORMATION AND COTHAM MEMBER (UNDIFFERENTIATED)	MUDSTONE AND LIMESTONE, INTERBEDDED
BAN-MDST	BLUE ANCHOR FORMATION	MUDSTONE
LPBLC-MDLM	LANGPORT MEMBER, BLUE LIAS FORMATION AND CHARMOUTH MUDSTONE FORMATION (UNDIFFERENTIATED)	MUDSTONE AND LIMESTONE, INTERBEDDED
MMG-MDHA	MERCIA MUDSTONE GROUP	MUDSTONE AND HALITE-STONE

(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

For more detailed geological and ground stability data please refer to the "GroundSure Geology and Ground Stability Report". Available from our website.

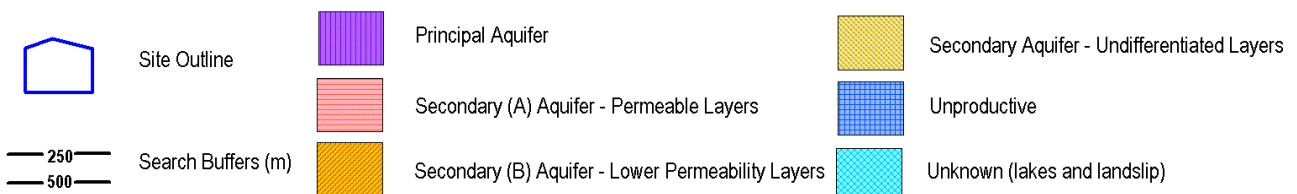
6a. Hydrogeology - Aquifer Within Superficial Geology



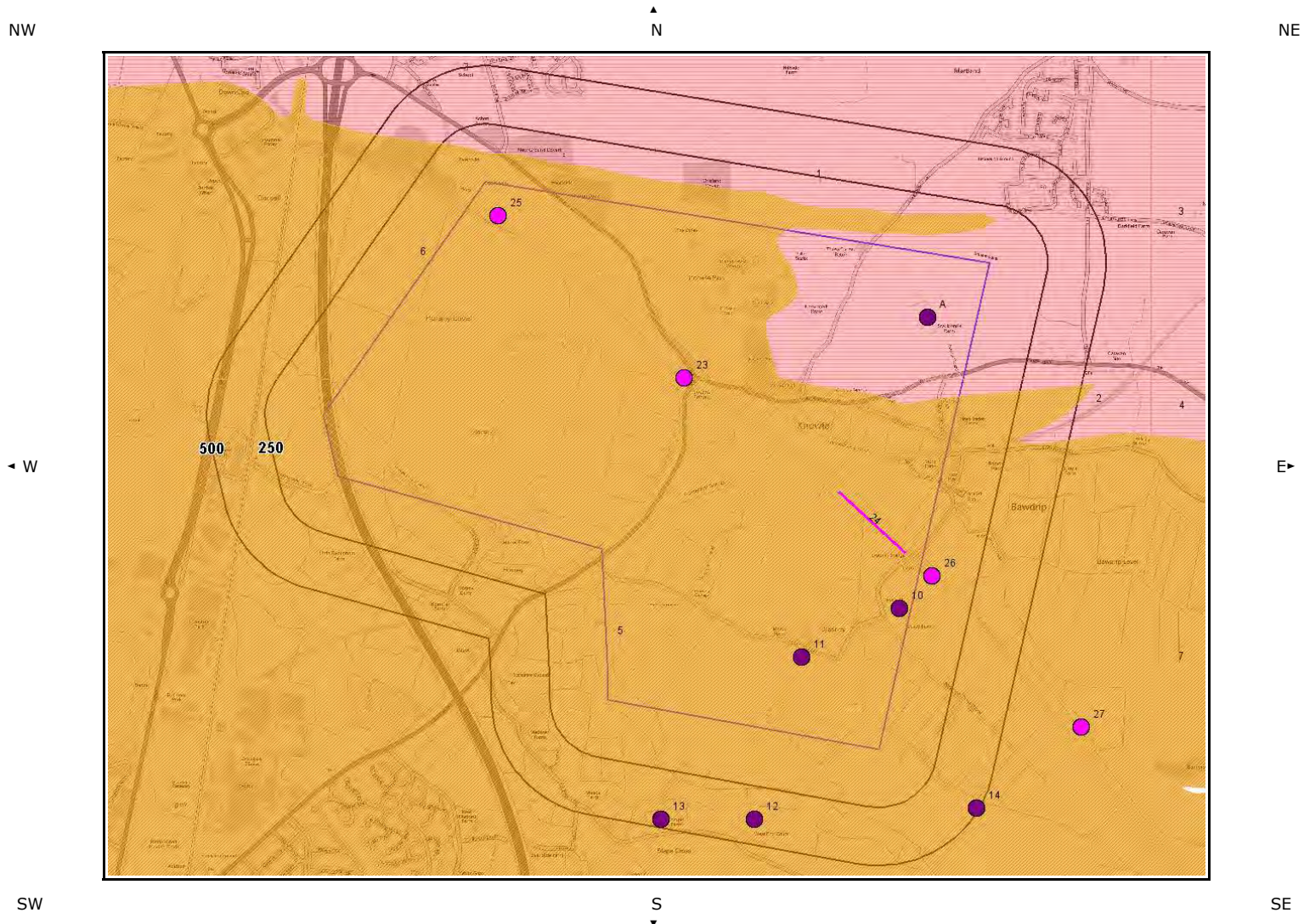
Aquifer Within Superficial Geology Legend



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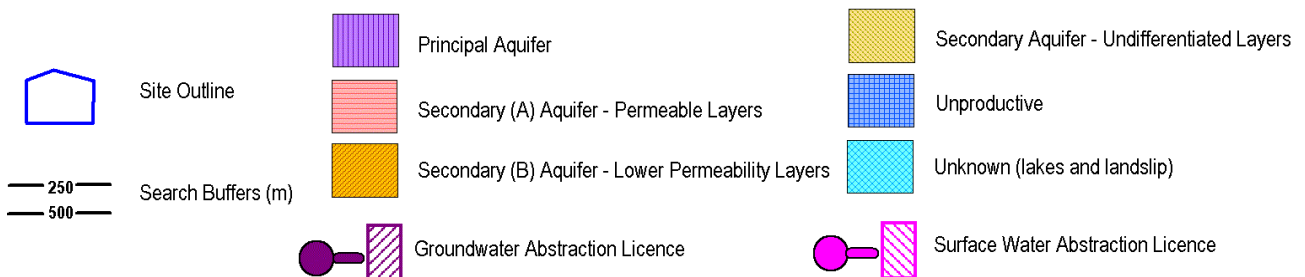
6b. Hydrogeology - Aquifer Within Bedrock Geology and Abstraction Licenses



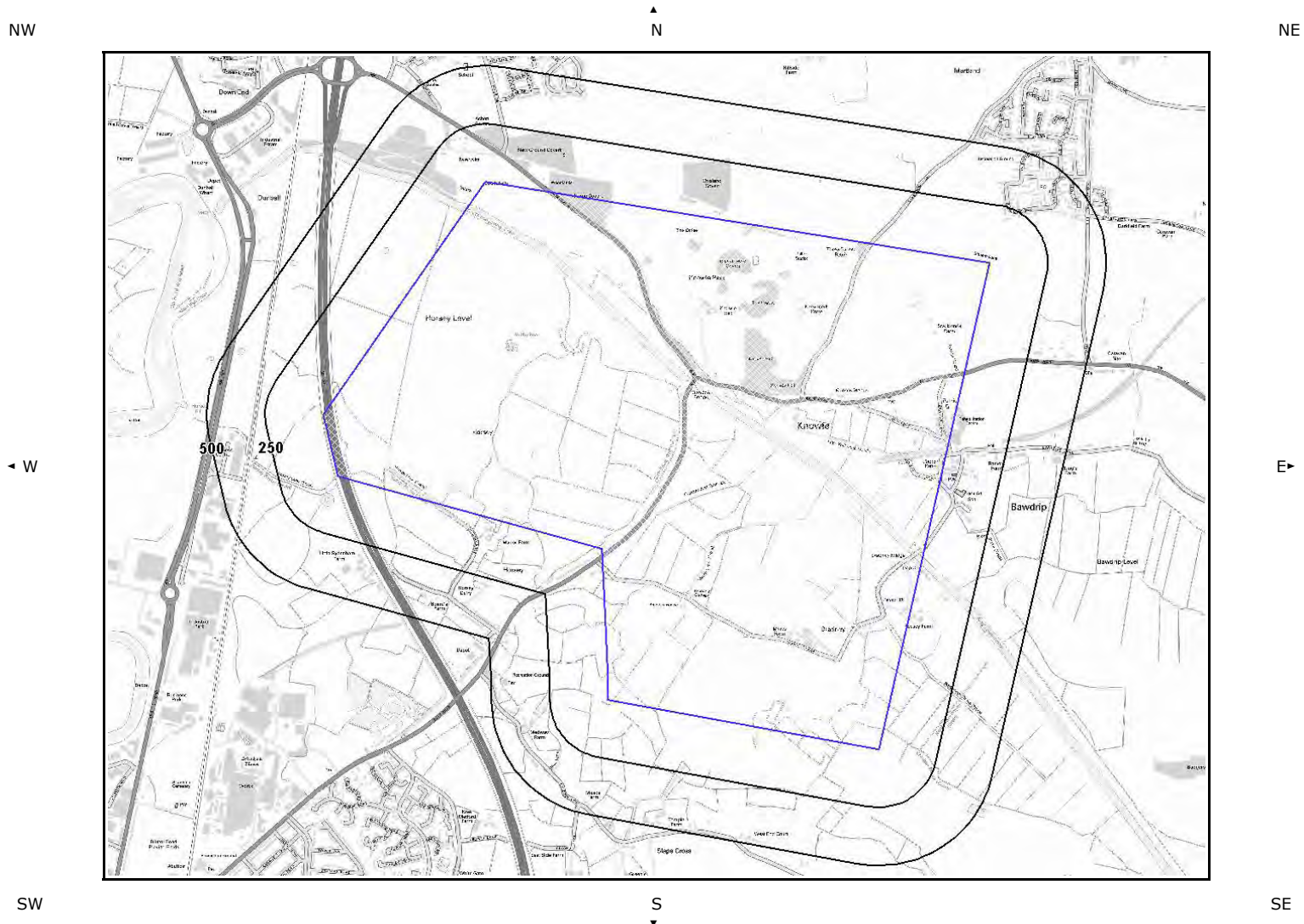
Aquifer Within Bedrock Geology Legend



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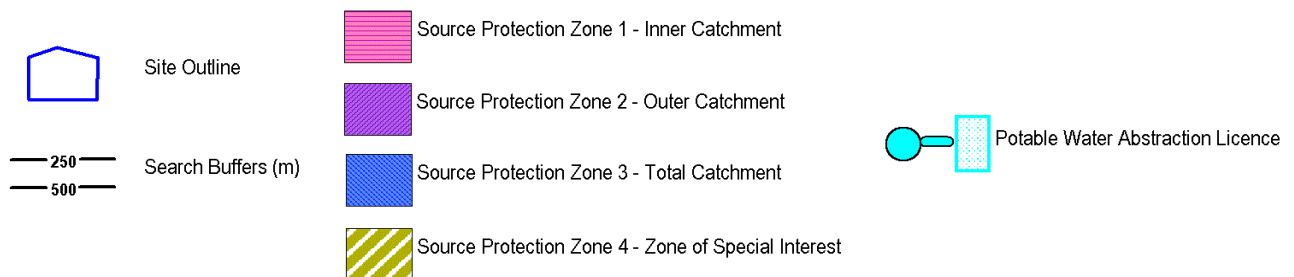
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses



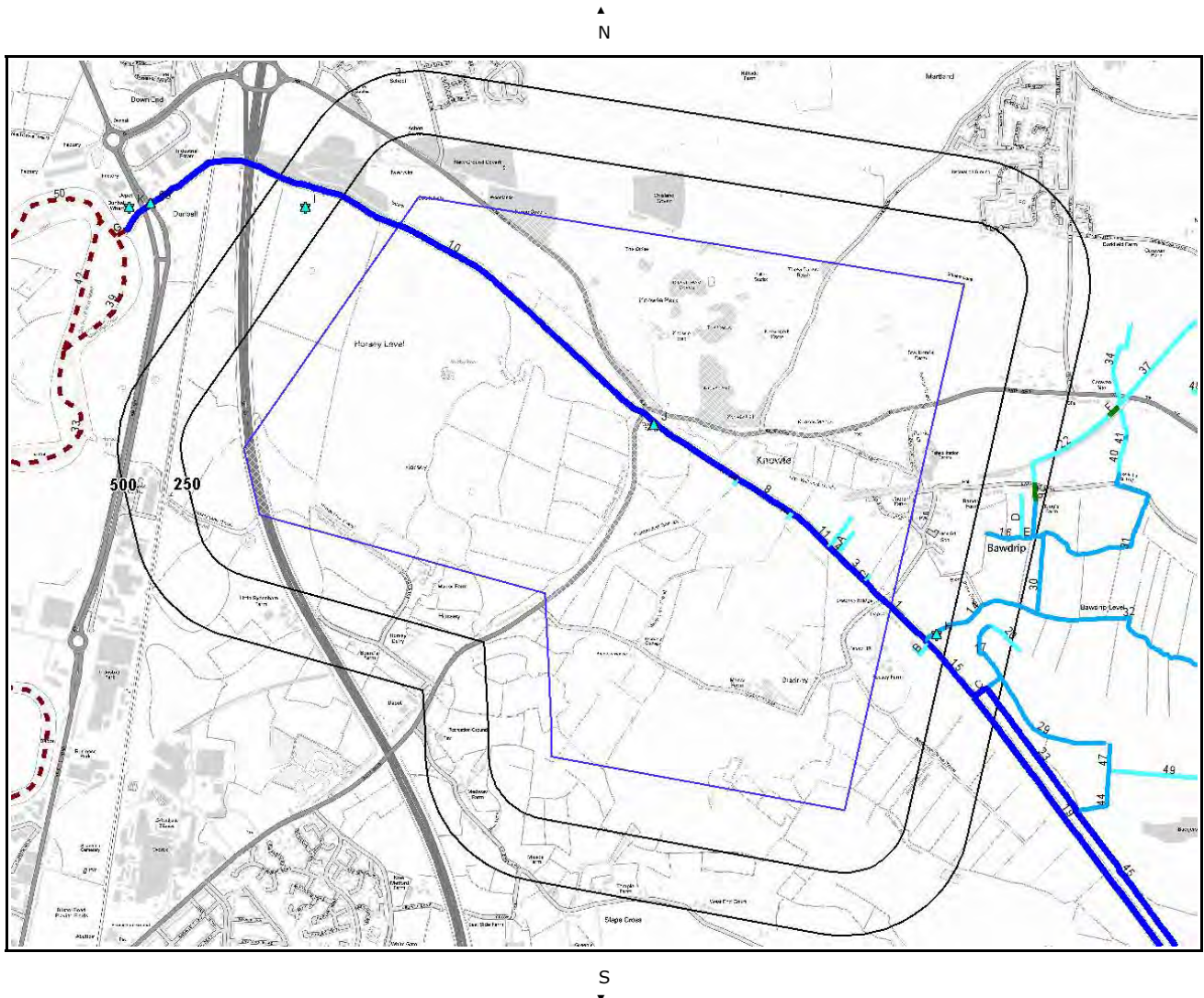
SPZ and Potable Water Abstraction Licenses
Legend



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6d. Hydrology – Detailed River Network and River Quality



Hydrology Legend

Mapping sourced from **OS Ordnance Survey**

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6. Hydrogeology and Hydrology

6.1 Aquifer within Superficial Deposits

Are there records of productive strata within the superficial geology at or in proximity to the property?

Yes

From 1 April 2010, the Environment Agency's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the GroundSure Enviroinsight User Guide.

The following aquifer records are shown on the Aquifer within Superficial Geology Map (5a):

ID	Distance [m]	Direction	Designation	Description
1	0.0	On Site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
3	0.0	On Site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
4	0.0	On Site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

6.2 Aquifer within Bedrock Deposits

Are there records of productive strata within the bedrock geology at or in proximity to the property?

Yes

From 1 April 2010, the Environment Agency's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the GroundSure Enviroinsight User Guide.

The following aquifer records are shown on the Aquifer within Bedrock Geology Map (5b):

ID	Distance [m]	Direction	Designation	Description
1	0.0	On Site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	0.0	On Site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
5	0.0	On Site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers
6	0.0	On Site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers

6.3 Groundwater Abstraction Licences

Are there any Groundwater Abstraction Licences within 1000m of the study site?

Yes

The following Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (5b):

ID	Distance	Direction	NGR	Details	
8A	0.0	On Site	334040, 140260	Licence No: 16/52/008/G/133 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: Borehole, Bawdrip Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: N124 Original Start Date: 27/7/1998 Expiry Date: - Issue No: 100 Version Start Date: 27/7/1998 Version End Date:
9A	0.0	On Site	334040, 140260	Licence No: 16/52/008/G/133 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: "borehole, Bawdrip" Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: N124 Original Start Date: 27/7/1998 Expiry Date: - Issue No: 100 Version Start Date: 27/7/1998 Version End Date:
10	0.0	On Site	333920, 139010	Licence No: 16/52/008/G/136 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: Borehole At Peasey Farm Data Type: Point	Annual Volume (m ³): 6570 Max Daily Volume (m ³): 18 Original Application No: N216 Original Start Date: 16/9/2003 Expiry Date: 31/3/2018 Issue No: 101 Version Start Date: 16/9/2003 Version End Date:
11	0.0	On Site	333500, 138800	Licence No: 16/52/008/G/009 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: Bawdrip (two Wells) Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: 16/52/008/G/009 Original Start Date: 1/12/1966 Expiry Date: - Issue No: 100 Version Start Date: 1/12/1966 Version End Date:
12	397.0	S	333300, 138100	Licence No: 16/52/008/G/007 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: Chedzoy Well Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: 16/52/008/G/007 Original Start Date: 1/3/1967 Expiry Date: - Issue No: 100 Version Start Date: 1/3/1967 Version End Date:
13	469.0	S	332900, 138100	Licence No: 16/52/008/G/111 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: Temple Farm Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: 16/52/008/G/111 Original Start Date: 18/3/1977 Expiry Date: - Issue No: 100 Version Start Date: 18/3/1977 Version End Date:
14	489.0	SE	334250, 138150	Licence No: 16/52/008/G/138 Details: Spray Irrigation - Direct Direct Source: Ground Water - Fresh Point: Burtle Beds Data Type: Point	Annual Volume (m ³): 9245 Max Daily Volume (m ³): 800 Original Application No: N263 Original Start Date: 19/2/2007 Expiry Date: 31/3/2018 Issue No: 101 Version Start Date: 19/2/2007 Version End Date:
Not shown	945.0	S	334100, 137500	Licence No: 16/52/008/G/078 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: Chedzoy Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: 16/52/008/G/078 Original Start Date: 1/3/1967 Expiry Date: - Issue No: 100 Version Start Date: 1/3/1967 Version End Date:

6.4 Surface Water Abstraction Licences

Are there any Surface Water Abstraction Licences within 1000m of the study site?

Yes

The following Surface Water Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (5b):

ID	Distance	Direction	NGR	Details	
23	0.0	On Site	333000, 140000	Licence No: 16/52/008/S/122 Details: General Cooling (Existing Licences Only) (High Loss) Direct Source: Surface Water - Fresh Point: Kings Sedgemoor Drn Data Type: Point	Annual Volume (m ³): 1000000 Max Daily Volume (m ³): 3000 Application No: - Original Start Date: 14/10/1988 Expiry Date: - Issue No: 102 Version Start Date: 7/1/2009 Version End Date:
24	0.0	On Site	333947, 139249	Licence No: 16/52/008/S/139 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: Inland Water Known As King Sedgemoor Drain Data Type: Line	Annual Volume (m ³): 26000 Max Daily Volume (m ³): 2840 Application No: N 272 Original Start Date: 12/6/2007 Expiry Date: 31/3/2018 Issue No: 101 Version Start Date: 12/6/2007 Version End Date:
25	0.0	On Site	332200, 140700	Licence No: 16/52/008/S/108 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: Kings Sedgemoor Drn Data Type: Point	Annual Volume (m ³): 8200 Max Daily Volume (m ³): 205 Application No: 16/52/008/S/108 Original Start Date: 21/10/1976 Expiry Date: - Issue No: 100 Version Start Date: 21/10/1976 Version End Date:
26	57.0	E	334060, 139150	Licence No: 16/52/008/S/087 Details: Evaporative Cooling Direct Source: Surface Water - Fresh Point: King's Sedgemoor Drain Data Type: Point	Annual Volume (m ³): 818293 Max Daily Volume (m ³): 2273 Application No: - Original Start Date: 1/12/1965 Expiry Date: - Issue No: 101 Version Start Date: 31/10/2004 Version End Date:
27	825.0	E	334700, 138500	Licence No: 16/52/008/S/006 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: Reservoir-dammed Rhyne Data Type: Point	Annual Volume (m ³): 5455 Max Daily Volume (m ³): 90.9 Application No: 16/52/008/S/006 Original Start Date: 1/3/1966 Expiry Date: - Issue No: 100 Version Start Date: 1/4/2008 Version End Date:

6.5 Potable Water Abstraction Licences

Are there any Potable Water Abstraction Licences within 2000m of the study site?

No

Database searched and no data found.

6.6 Source Protection Zones

Are there any Source Protection Zones within 500m of the study site?

No

Database searched and no data found.

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6.7 River Quality

Is there any Environment Agency information on river quality within 1500m of the study site?

Yes

Biological Quality:

Biological Quality data describes water quality in terms of 83 groups of macroinvertebrates, some of which are pollution sensitive. The results are graded from A ('Very Good') to F ('Bad').

The following Biological Quality records are shown on the Hydrology Map (5d):

ID	Distance [m]	Direction	NGR	River Details	Biological Quality Grade				
					2005	2006	2007	2008	2009
51H	205.0	E	334200, 139100	River Name: Kings Sedgemoor Drain Reach: Bawdrip-dunball 1 End/Start of Stretch: Start of Stretch NGR	B	A	A	A	A
52H	205.0	E	334200, 139100	River Name: Kings Sedgemoor Drain Reach: Parchey-bawdrip End/Start of Stretch: End of Stretch NGR	-	-	B	B	B
53I	343.0	NW	331700, 140800	River Name: Kings Sedgemoor Drain Reach: Bawdrip-dunball 1 End/Start of Stretch: End of Stretch NGR	B	A	A	A	A
54I	343.0	NW	331700, 140800	River Name: Kings Sedgemoor Drain Reach: Dunball 1-conf With Tidal Parrett End/Start of Stretch: Start of Stretch NGR	-	-	B	B	B
55K	918.0	NW	331000, 140800	River Name: Kings Sedgemoor Drain Reach: Dunball 1-conf With Tidal Parrett End/Start of Stretch: End of Stretch NGR	-	-	B	B	B
Not shown	1495.0	SE	335200, 137800	River Name: Kings Sedgemoor Drain Reach: Conf With Soweyparchey End/Start of Stretch: End of Stretch NGR	-	-	B	B	B
Not shown	1495.0	SE	335200, 137800	River Name: Kings Sedgemoor Drain Reach: Parchey-bawdrip End/Start of Stretch: Start of Stretch NGR	-	-	B	B	B

Chemical Quality:

Chemical quality data is based on the General Quality Assessment Headline Indicators scheme (GQAH). In England, each chemical sample is measured for ammonia and dissolved oxygen. In Wales, the samples are measured for biological oxygen demand (BOD), ammonia and dissolved oxygen. The results are graded from A ('Very Good') to F ('Bad').

The following Chemical Quality records are shown on the Hydrology Map (5d):

ID	Distance [m]	Direction	NGR	River Details	Chemical Quality Grade (Headline Indicator)				
					2005	2006	2007	2008	2009
58J	0.0	On Site	333078, 139936	River Name: Kings Sedgemoor Drain Reach: Conf With Soweyparchey End/Start of Stretch: Sample Point NGR	E	D	E	D	D

59J	0.0	On Site	333078, 139936	River Name: Kings Sedgemoor Drain Reach: Parchey-bawdrip End/Start of Stretch: Sample Point NGR	E	D	E	D	D
60J	0.0	On Site	333078, 139936	River Name: Kings Sedgemoor Drain Reach: Dunball 1-conf With Tidal Parrett End/Start of Stretch: Sample Point NGR	E	D	E	D	D
61H	205.0	E	334200, 139100	River Name: Kings Sedgemoor Drain Reach: Parchey-bawdrip End/Start of Stretch: End of Stretch NGR	E	D	E	D	D
62H	205.0	E	334200, 139100	River Name: Kings Sedgemoor Drain Reach: Bawdrip-dunball 1 End/Start of Stretch: Start of Stretch NGR	E	E	E	D	D
63I	343.0	NW	331700, 140800	River Name: Kings Sedgemoor Drain Reach: Dunball 1-conf With Tidal Parrett End/Start of Stretch: Start of Stretch NGR	E	D	E	D	D
64I	343.0	NW	331700, 140800	River Name: Kings Sedgemoor Drain Reach: Bawdrip-dunball 1 End/Start of Stretch: End of Stretch NGR	E	E	E	D	D
65	858.0	NW	331085, 140817	River Name: Kings Sedgemoor Drain Reach: Bawdrip-dunball 1 End/Start of Stretch: Sample Point NGR	E	E	E	D	D
66K	918.0	NW	331000, 140800	River Name: Kings Sedgemoor Drain Reach: Dunball 1-conf With Tidal Parrett End/Start of Stretch: End of Stretch NGR	E	D	E	D	D
Not shown	1495.0	SE	335200, 137800	River Name: Kings Sedgemoor Drain Reach: Parchey-bawdrip End/Start of Stretch: Start of Stretch NGR	E	D	E	D	D
Not shown	1495.0	SE	335200, 137800	River Name: Kings Sedgemoor Drain Reach: Conf With Sowey-parchey End/Start of Stretch: End of Stretch NGR	E	D	E	D	D

6.8 Detailed River Network

Are there any Detailed River Network entries within 500m of the study site?

Yes

The following Detailed River Network records are represented on the Hydrology Map (5d):

ID	Distance	Direction	Details
1	0.0	On Site	<div> <div> River Name: King's Sedgemoor Drain Water Course Name: Kings Sedgemoor Drain Welsh River Name: - Alternative Name: - </div> <div> River Type: Primary River Catchment: - Drain: NA Main River Status: Currently Undefined </div> </div>
2	0.0	On Site	<div> <div> River Name: - Water Course Name: - Welsh River Name: - Alternative Name: - </div> <div> River Type: Tertiary River Catchment: - Drain: NO Main River Status: Currently Undefined </div> </div>
3	0.0	On Site	<div> <div> River Name: - Water Course Name: Kings Sedgemoor Drain Welsh River Name: - Alternative Name: - </div> <div> River Type: Primary River Catchment: - Drain: NO Main River Status: Currently Undefined </div> </div>

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4	0.0	On Site	River Name: - Water Course Name: Kings Sedgemoor Drain Welsh River Name: - Alternative Name: -	River Type: Primary River Catchment: - Drain: NO Main River Status: Currently Undefined
5A	0.0	On Site	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: YES Main River Status: Currently Undefined
6A	0.0	On Site	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: YES Main River Status: Currently Undefined
7	0.0	On Site	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: NO Main River Status: Currently Undefined
8	0.0	On Site	River Name: King's Sedgemoor Drain Water Course Name: Kings Sedgemoor Drain Welsh River Name: - Alternative Name: -	River Type: Primary River Catchment: - Drain: NA Main River Status: Currently Undefined
9	0.0	On Site	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: NO Main River Status: Currently Undefined
10	0.0	On Site	River Name: King's Sedgemoor Water Course Name: Kings Sedgemoor Drain Welsh River Name: - Alternative Name: -	River Type: Primary River Catchment: - Drain: NO Main River Status: Currently Undefined
11	0.0	On Site	River Name: - Water Course Name: Kings Sedgemoor Drain Welsh River Name: - Alternative Name: -	River Type: Primary River Catchment: - Drain: NO Main River Status: Currently Undefined
12B	125.0	E	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: YES Main River Status: Currently Undefined
13B	162.0	E	River Name: - Water Course Name: Kings Sedgemoor Drain Welsh River Name: - Alternative Name: -	River Type: Primary River Catchment: - Drain: NO Main River Status: Currently Undefined
14	162.0	E	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: YES Main River Status: Currently Undefined
15	181.0	E	River Name: - Water Course Name: Kings Sedgemoor Drain Welsh River Name: - Alternative Name: -	River Type: Primary River Catchment: - Drain: NO Main River Status: Currently Undefined
16	300.0	E	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: YES Main River Status: Currently Undefined
17	371.0	E	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: YES Main River Status: Currently Undefined
18C	400.0	E	River Name: - Water Course Name: Ksd Back Ditch Welsh River Name: - Alternative Name: -	River Type: Primary River Catchment: - Drain: NO Main River Status: Currently Undefined
19	400.0	E	River Name: King's Sedgemoor Drain Water Course Name: Kings Sedgemoor Drain Welsh River Name: - Alternative Name: -	River Type: Primary River Catchment: - Drain: NA Main River Status: Currently Undefined
20	402.0	E	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: YES Main River Status: Currently Undefined
21D	405.0	E	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: NO Main River Status: Currently Undefined
22	423.0	E	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Tertiary River Catchment: - Drain: NO Main River Status: Currently Undefined
23	440.0	E	River Name: Drain Water Course Name: Ksd Back Ditch Welsh River Name: - Alternative Name: -	River Type: Primary River Catchment: - Drain: NA Main River Status: Currently Undefined

24C	440.0	E	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: YES Main River Status: Currently Undefined
25E	447.0	E	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
26	448.0	E	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Extended Culvert (greater than 50m) Catchment: - Drain: YES Main River Status: Currently Undefined
27D	468.0	E	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: YES Main River Status: Currently Undefined
28E	489.0	E	River Name: - Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: NO Main River Status: Currently Undefined
29	490.0	E	River Name: Drain Water Course Name: - Welsh River Name: - Alternative Name: -	River Type: Secondary River Catchment: - Drain: YES Main River Status: Currently Undefined

6.9 Surface Water Features

Are there any surface water features within 250m of the study site?

Yes

The following surface water records are not represented on mapping:

Distance to Surface Water (m)	on-site	0-50	51-250
Surface water features within 250m of the study site	Yes	Yes	Yes

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7. Surface Water Flood Map

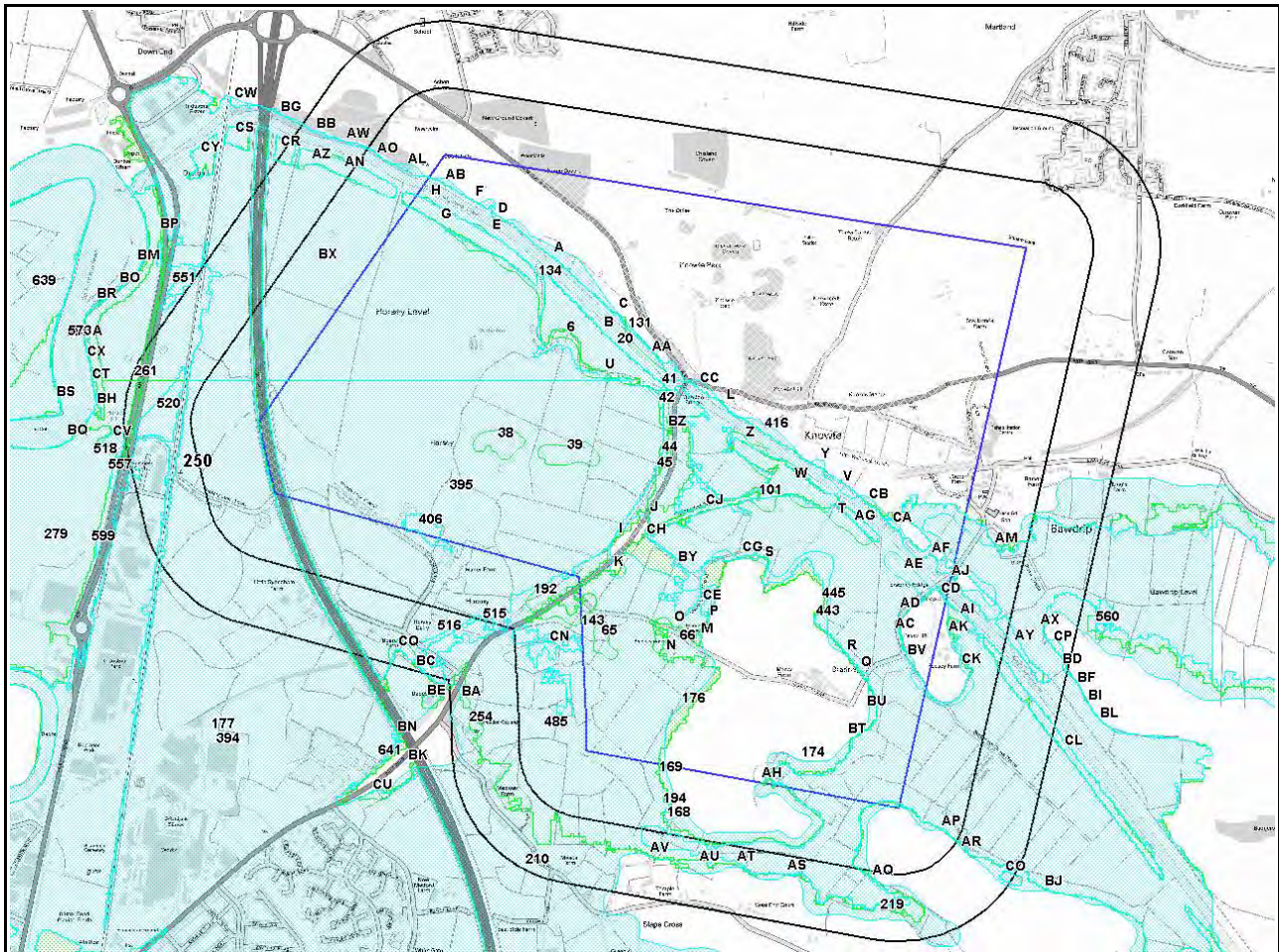
NW

▲
N

NE

◀ W

▶ E



SW

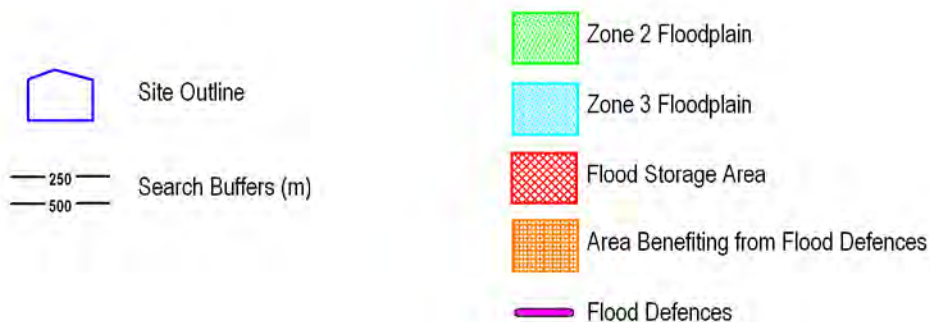
▼
S

SE

Surface Water Flood Legend



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7. Flooding

7.1 Zone 2 Flooding

Zone 2 floodplain estimates the annual probability of flooding as one in one thousand (0.1%) or greater from rivers and the sea but less than 1% from rivers or 0.5% from the sea. Alternatively, where information is available they may show the highest known flood level.

Is the site within 250m of an Environment Agency indicative Zone 2 floodplain?

Yes

The following floodplain records are represented as green shading on the Flood Map:

ID	Distance [m]	Direction	Update	Type
1A	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
2A	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
3A	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
4A	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
5A	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
6	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
7B	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
8B	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
9B	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
10B	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
11B	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
12C	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
13B	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
14C	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
15B	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
16C	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
17C	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
18U	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
19C	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
20	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
21D	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
22	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
23E	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
24D	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
25F	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
26E	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
27F	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
28F	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
29F	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)

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30G	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
31H	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
32G	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
33H	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
34H	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
35H	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
36H	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
37A	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
38	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
39	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
40A A	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
41	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
42	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
43B Z	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
44	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
45	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
46I	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
47I	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
48I	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
49I	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
50J	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
51J	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
52L	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
53K	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
54	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
55K	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
56K	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
57L	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
58M	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
59M	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
60N	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
61N	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
62O	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
63O	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
64BY	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
65	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
66	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
67M	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
68P	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
69P	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)

70	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
71K	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
72K	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
73K	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
74I	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
75I	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
76I	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
77J	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
78J	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
79	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
80Q	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
81Q	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
82Q	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
83R	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
84R	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
85CF	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
86S	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
87S	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
88C G	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
89T	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
90W	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
91CJ	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
92T	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
93T	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
94T	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
95T	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
96U	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
97T	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
98T	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
99T	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
100T	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
101	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
102T	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
103T	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
104T	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
105T	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
106T	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
107 V	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
108 V	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
109 W	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)

110 X	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
111 W	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
112 W	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
113 X	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
114Y	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
115Y	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
116 X	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
117Y	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
118Y	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
119Y	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
120 X	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
121Y	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
122Y	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
123 Z	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
124Y	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
125 Z	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
126 Z	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
127 CC	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
128 AA	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
129 AA	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
130 AA	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
131	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
132 A	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
133E	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
134	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
135 D	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
136F	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
137F	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
138F	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
139F	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
140 AB	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
141 AB	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
142 BX	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
143	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
144 BU	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
145T	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
146 AG	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
147 CB	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
148 AE	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
149 CA	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)

150 AD	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
151 AC	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
152 CI	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
153 AC	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
154 AC	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
155 AC	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
156 AC	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
157 AC	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
158 BV	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
159 BW	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
160 AD	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
161 AF	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
162 AE	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
163 AF	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
164 AF	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
165 CD	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
166 AG	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
167	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
168	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
169	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
170 AH	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
171 AH	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
172 AH	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
173 AH	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
174	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
175 BT	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
176	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
177	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
178 AB	0.0	NW	13-Mar-2013	Zone 2 - (Fluvial Models)
179 AJ	8.0	E	13-Mar-2013	Zone 2 - (Tidal Models)
180 AI	12.0	E	13-Mar-2013	Zone 2 - (Tidal Models)
181 AL	14.0	NW	13-Mar-2013	Zone 2 - (Tidal Models)
182 AI	19.0	E	13-Mar-2013	Zone 2 - (Fluvial Models)
183 AJ	24.0	E	13-Mar-2013	Zone 2 - (Fluvial Models)
184 AJ	28.0	E	13-Mar-2013	Zone 2 - (Tidal Models)
185 AJ	30.0	E	13-Mar-2013	Zone 2 - (Fluvial Models)
186 AK	32.0	E	13-Mar-2013	Zone 2 - (Tidal Models)
187 AJ	46.0	E	13-Mar-2013	Zone 2 - (Tidal Models)
188 AJ	47.0	E	13-Mar-2013	Zone 2 - (Fluvial Models)
189 AI	52.0	E	13-Mar-2013	Zone 2 - (Tidal Models)

190 AK	55.0	E	13-Mar-2013	Zone 2 - (Fluvial Models)
191 AN	65.0	NW	13-Mar-2013	Zone 2 - (Tidal Models)
192	67.0	S	13-Mar-2013	Zone 2 - (Fluvial Models)
193 CK	98.0	E	13-Mar-2013	Zone 2 - (Tidal Models)
194	138.0	S	13-Mar-2013	Zone 2 - (Fluvial Models)
195 AL	141.0	NW	13-Mar-2013	Zone 2 - (Fluvial Models)
196 CL	141.0	E	13-Mar-2013	Zone 2 - (Tidal Models)
197 AM	143.0	E	13-Mar-2013	Zone 2 - (Tidal Models)
198 AP	162.0	SE	13-Mar-2013	Zone 2 - (Fluvial Models)
199 AM	164.0	E	13-Mar-2013	Zone 2 - (Fluvial Models)
200 AL	176.0	NW	13-Mar-2013	Zone 2 - (Tidal Models)
201 AO	177.0	NW	13-Mar-2013	Zone 2 - (Fluvial Models)
202 CM	182.0	E	13-Mar-2013	Zone 2 - (Tidal Models)
203 AN	197.0	NW	13-Mar-2013	Zone 2 - (Fluvial Models)
204 AO	197.0	NW	13-Mar-2013	Zone 2 - (Tidal Models)
205 AY	199.0	E	13-Mar-2013	Zone 2 - (Tidal Models)
206 AP	221.0	SE	13-Mar-2013	Zone 2 - (Tidal Models)
207 AP	226.0	SE	13-Mar-2013	Zone 2 - (Fluvial Models)
208 AP	227.0	SE	13-Mar-2013	Zone 2 - (Tidal Models)

7.2 Zone 3 Flooding

Zone 3 estimates the annual probability of flooding as one in one hundred (1%) or greater from rivers and a one in two hundred (0.5%) or greater from the sea. Alternatively, where information is available they may show the highest known flood level.

Is the site within 250m of an Environment Agency indicative Zone 3 floodplain?

Yes

The following floodplain records are represented as blue shading on the Flood Map:

ID	Distance [m]	Direction	Update	Type
380 R	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
381 R	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
382 R	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
383 BT	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
384 R	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
385 R	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
386 BU	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
387 R	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
388 AC	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
389 AC	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)

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390 BV	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
391 AC	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
392 AD	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
393 AQ	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
394	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
395	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
396 BW	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
397 BX	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
398 U	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
399 BT	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
400 BT	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
401 BW	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
402 AF	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
403 BY	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
404 BY	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
405 BY	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
406	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
407 BZ	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
408 CH	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
409 CA	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
410 CB	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
411 CB	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
412 Y	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
413 Y	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
414 Y	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
415 Y	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
416	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
417 L	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
418 CC	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
419 AA	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
420 AA	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
421 AA	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
422 A	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
423 E	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
424 D	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
425 F	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
426 F	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
427 AB	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
428 AB	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
429 AB	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)

430 AL	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
431 Q	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
432 R	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
433 R	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
434 R	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
435 R	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
436 R	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
437 AC	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
438 AC	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
439 AC	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
440 AC	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
441 CN	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
442 AC	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
443	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
444 AD	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
445	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
446 CD	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
447 CE	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
448 CE	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
449 AJ	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
450 CE	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
451 BY	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
452 BY	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
453 BY	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
454 BY	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
455 BY	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
456 BY	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
457 BY	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
458 BY	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
459 S	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
460 CF	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
461 AE	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
462 CG	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
463I	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
464 CH	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
465 CH	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
466 CA	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
467 CA	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
468 CI	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
469 CJ	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)

470 V	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
471 Y	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
472 Y	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
473 Y	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
474 Y	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
475 L	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
476 L	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
477 L	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
478 AA	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
479 AA	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
480 AA	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
481 AA	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
482 D	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
483 D	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
484 F	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
485	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
486 AB	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
487 AB	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
488 AB	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
489 AB	5.0	NW	13-Mar-2013	Zone 3 - (Fluvial Models)
490 AJ	8.0	E	13-Mar-2013	Zone 3 - (Tidal Models)
491 AI	9.0	E	13-Mar-2013	Zone 3 - (Tidal Models)
492 AL	14.0	NW	13-Mar-2013	Zone 3 - (Tidal Models)
493 AJ	24.0	E	13-Mar-2013	Zone 3 - (Fluvial Models)
494 AJ	28.0	E	13-Mar-2013	Zone 3 - (Tidal Models)
495 AJ	30.0	E	13-Mar-2013	Zone 3 - (Fluvial Models)
496 AJ	41.0	E	13-Mar-2013	Zone 3 - (Tidal Models)
497	45.0	W	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
498 AJ	47.0	E	13-Mar-2013	Zone 3 - (Fluvial Models)
499 AI	52.0	E	13-Mar-2013	Zone 3 - (Tidal Models)
500 AK	57.0	E	13-Mar-2013	Zone 3 - (Fluvial Models)
501 AN	62.0	NW	13-Mar-2013	Zone 3 - (Tidal Models)
502 CK	98.0	E	13-Mar-2013	Zone 3 - (Tidal Models)
503 AL	141.0	NW	13-Mar-2013	Zone 3 - (Fluvial Models)
504 CL	141.0	E	13-Mar-2013	Zone 3 - (Tidal Models)
505 CM	143.0	E	13-Mar-2013	Zone 3 - (Tidal Models)
506 CN	158.0	W	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
507 AP	165.0	SE	13-Mar-2013	Zone 3 - (Fluvial Models)
508 AL	176.0	NW	13-Mar-2013	Zone 3 - (Tidal Models)
509 AO	177.0	NW	13-Mar-2013	Zone 3 - (Fluvial Models)

510 AW	197.0	NW	13-Mar-2013	Zone 3 - (Tidal Models)
511 AY	199.0	E	13-Mar-2013	Zone 3 - (Tidal Models)
512 AP	221.0	SE	13-Mar-2013	Zone 3 - (Tidal Models)
513 AP	226.0	SE	13-Mar-2013	Zone 3 - (Fluvial Models)
514 AP	227.0	SE	13-Mar-2013	Zone 3 - (Tidal Models)
515	232.0	S	13-Mar-2013	Zone 3 - (Tidal Models)
516	236.0	S	13-Mar-2013	Zone 3 - (Tidal Models)

7.3 Flood Defences

Are there any Flood Defences within 250m of the study site ? **No**

7.4 Areas benefiting from Flood Defences

Are there any areas benefiting from Flood Defences within 250m of the study site? **No**

7.5 Areas used for Flood Storage

Are there any areas used for Flood Storage within 250m of the study site? **No**

7.6 Groundwater Flooding Susceptibility Areas

Are there any British Geological Survey groundwater flooding susceptibility flood areas within 50m of the boundary of the study site? **Yes**

What is the highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions? **Very High**

Guidance:

Where very high susceptibility is indicated, this means that given the geological conditions in the area groundwater flooding hazard should be considered in all land-use planning decisions. It is recommended that other relevant information e.g. records of previous incidence of groundwater flooding, rainfall, property type, and land drainage information be investigated in order to establish relative, but not absolute, risk of groundwater flooding.

7.7 Groundwater Flooding Confidence Areas

What is the British Geological Survey confidence rating in this result? **Moderate**

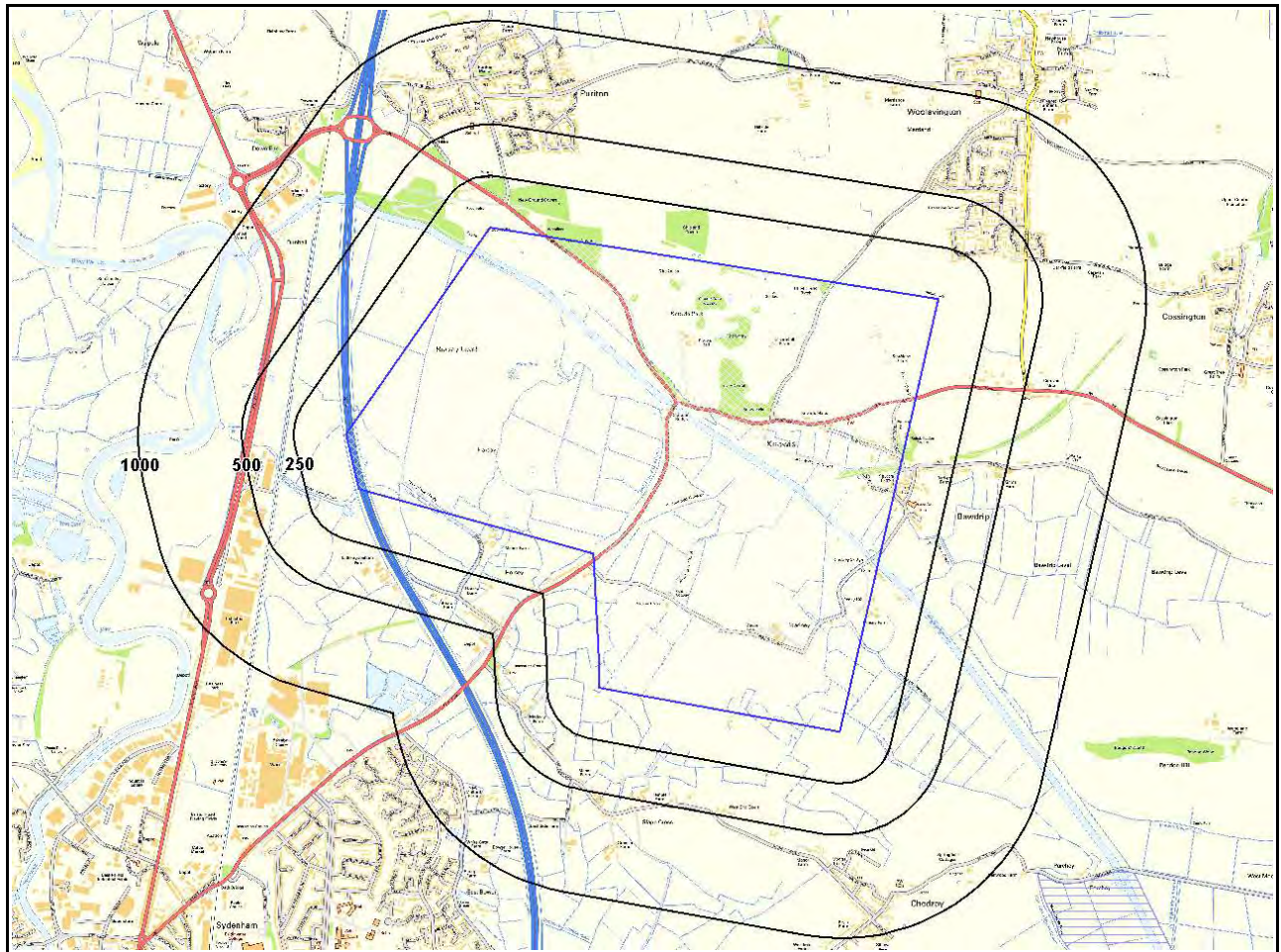
Notes:

Groundwater flooding is defined as the emergence of groundwater at the ground surface or the rising of groundwater into man-made ground under conditions where the normal range of groundwater levels is exceeded.

The **confidence rating** is on a threefold scale - Low, Moderate and High. This provides a relative indication of the BGS confidence in the accuracy of the susceptibility result for groundwater flooding. This is based on the amount and precision of the information used in the assessment. In areas with a relatively lower level of confidence the susceptibility result should be treated with more caution. In other areas with higher levels of confidence the susceptibility result can be used with more confidence.

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8.Designated Environmentally Sensitive Sites Map



Designated Environmentally Sensitive Sites Legend

Mapping sourced from **Ordnance Survey**

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8. Designated Environmentally Sensitive Sites

Presence of Designated Environmentally Sensitive Sites within 2000m of the study site? **No**

Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site: **0**

Database searched and no data found.

Records of National Nature Reserves (NNR) within 2000m of the study site: **0**

Database searched and no data found.

Records of Special Areas of Conservation (SAC) within 2000m of the study site: **0**

Database searched and no data found.

Records of Special Protection Areas (SPA) within 2000m of the study site: **0**

Database searched and no data found.

Records of Ramsar sites within 2000m of the study site: **0**

Database searched and no data found.

Records of Local Nature Reserves (LNR) within 2000m of the study site: **0**

Database searched and no data found.

Records of World Heritage Sites within 2000m of the study site: **0**

Database searched and no data found.

Records of Environmentally Sensitive Areas within 2000m of the study site: **2**

The following Environmentally Sensitive Area records produced by DEFRA are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance [m]	Direction	ESA Name	Data Source
1	1174.0	SE	Somerset Levels And Moors	Natural England
Not shown	1875.0	E	Somerset Levels And Moors	Natural England

Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site: **0**

Database searched and no data found.

Records of National Parks (NP) within 2000m of the study site: **0**

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Database searched and no data found.

Records of Nitrate Sensitive Areas within 2000m of the study site:

0

Database searched and no data found.

9. Additional Information

9.1 Mobile Phone Transmitter Locations

GroundSure's unique mobile phone transmitter database.

Have any mobile phone transmitters been identified within 250m of the study site?

Yes

The following records within 250m have been found within this search:

Distance [m]	Direction	Max Licensed Power	Transmitter Power	Frequency Range	Operator	Height (m)	Transmission Type
0.0	On Site	32	26.0	1800 MHz	One2one	15.0	GSM
35.0	N	32	25.9	1800 MHz	Orange	14.0	GSM

9.2 Existing and potential OfCom Telecommunication Mast Locations

OfCom telecommunication base station and mast data, which details the height and proposed location of masts over 30 metres in height or with a power level exceeding 17dBW.

Have any OfCom telecommunication masts been identified within 250m of the study site?

Yes

The following records within 250m have been found within this search:

Distance [m]	Direction	OfCom Reference	Address	Approx. Mast Height (m)
0.0	On Site	W(P)3896	Somerset, Bridgwater, Knowle Estate, Knowle Hill	16
0.0	On Site	U(P)4974	Somerset, Bridgwater, Knowle Est, Knowle Hill	16
27.0	N	U(P)3269	Somerset, Woolavington, Crancombe Lne	12
184.0	W	X(P)1142	Somerset, Horsey, Old Bath Rd, Little Sydenham Farm, Ngc Pylon Vq41	0

9.3 Pylons and Electricity Transmission Lines

Have any overhead transmission lines or pylons been identified in proximity to the study site?

Yes

The following records within 500m have been found within this search:

Distance [m]	Direction
0.0	On Site
0.0	On Site
0.0	On Site
175.0	S

Guidance: Overhead power transmission lines and/or pylons have been identified in proximity to the study site. Overhead power transmission lines are known to emit electromagnetic fields (EMF). For further information on issues associated with transmission lines you may wish to contact the EMF Unit Public Information Line on 0845 7023270 or visit www.emfs.info. Guidance on electromagnetic fields resulting from transmission and distribution lines can also be found on the Health Protection Agency (HPA) website. GroundSure provide the data for information only and do not make any judgment on the risks or otherwise of EMFs. The database is searched up to 500m.

10. Natural Hazards Findings

10.1 Detailed BGS GeoSure Data

BGS GeoSure Data has been searched to 50m. The data is included in tabular format. If you require further information, please obtain a GroundSure Geology and Ground Stability Report. Available from our website. The following information has been found:

10.1.1 Shrink Swell

What is the maximum Shrink-Swell* hazard rating identified on the study site?

Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Ground conditions predominantly low plasticity. No special actions required to avoid problems due to shrink-swell clays. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with shrink-swell clays.

10.1.2 Landslides

What is the maximum Landslide* hazard rating identified on the study site?

Moderate

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Significant potential for slope instability with relatively small changes in ground conditions. Avoid large amounts of water entering the ground through pipe leakage or soak-aways. Do not undercut or place large amounts of material on slopes without technical advice. For new build consider the potential and consequences of ground movement during excavations, or consequence of changes to loading or drainage. For existing property probable increase in insurance risk is likely due to potential natural slope instability after changes to ground conditions such as a very long, excessively wet winter.

10.1.3 Soluble Rocks

What is the maximum Soluble Rocks* hazard rating identified on the study site?

Null - Negligible

Soluble rocks are not present in the search area. No special actions required to avoid problems due to soluble rocks. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with soluble rocks.

10.1.4 Compressible Ground

What is the maximum Compressible Ground* hazard rating identified on the study site?

Moderate

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Significant potential for compressibility problems. Avoid large differential loadings of ground. Do not drain or de-water ground near the property without technical advice. For new build consider possibility of compressible ground in ground investigation, construction and building design. Consider effects of groundwater changes. Extra construction costs are likely. For existing property possible increase in insurance risk from compressibility, especially if water conditions or loading of the ground change significantly.

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10.1.5 Collapsible Rocks

What is the maximum Collapsible Rocks* hazard rating identified on the study site?

Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.

10.1.6 Running Sand

What is the maximum Running Sand* hazard rating identified on the study site?

Moderate

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Significant potential for running sand problems with relatively small changes in ground conditions. Avoid large amounts of water entering the ground (for example through pipe leakage or soak-aways). Do not dig (deep) holes into saturated ground near the property without technical advice. For new build consider the consequences of soil and groundwater conditions during and after construction. For existing property possible increase in insurance risk from running sand, for example, due to water leakage, high rainfall events or flooding.

* This indicates an automatically generated 50m buffer and site.

10.2 Radon

What is the maximum radon potential at the study site?

The property is in a Radon Affected Area, as between 10 and 30% of properties are above the Action Level

Is the property in an area where radon protection measures are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment?

Full radon protective measures are necessary

Guidance: The responses given on the level of radon protective measures required are based on a joint radon potential dataset from the Health Protection Agency (HPA) and the British Geological Survey (BGS). Full radon protective measures need to be installed for new dwellings or extensions to existing dwellings, where 10% or more of homes are estimated to exceed the Action Level. The joint HPA-BGS radon potential data forms the basis for the Building Research Establishment guidance on radon protective measures for new dwellings (BR211 2007).

11. Mining

11.1 Coal Mining

Are there any coal mining areas within 75m of the study site?

No

Database searched and no data found.

11.2 Shallow Mining

What is the hazard of subsidence relating to shallow mining on-site (including a 150m buffer)? Negligible

Guidance: Where negligible potential is indicated, this means that the rocks underlying the area are not likely to have been mined at shallow depth.

11.3 Brine Affected Areas

Are there any brine affected areas within 75m of the study site?

No

Guidance: No Guidance Required.

12. Contacts

GroundSure Helpline

Telephone: 08444 159 000
 info@4c.groundsure.com



British Geological Survey (England & Wales)

Kingsley Dunham Centre
 Keyworth, Nottingham NG12 5GG
 Tel: 0115 936 3143. Fax: 0115 936 3276. Email:
 enquiries@bgs.ac.uk
 Web: www.bgs.ac.uk
 BGS Geological Hazards Reports and general geological
 enquiries



Environment Agency

Tel: 08708 506 506
 Wessex
 Rivers Hse Bridgwater - East Quay, Bridgwater, TA6 4YS
 Web: www.environment-agency.gov.uk
 Email: enquiries@environment-agency.gov.uk



Health Protection Agency

Chilton, Didcot, Oxon, OX11 0RQ
 Tel: 01235 822622 www.hpa.org.uk/radiation
 Radon measures and general radon information and
 guidance



The Coal Authority

200 Lichfield Lane, Mansfield, Notts NG18 4RG
 Tel: 0845 762 6848
 DX 716176 Mansfield 5
 Web: www.groundstability.com



Ordnance Survey

Romsey Road
 Southampton SO16 4GU
 Tel: 08456 050505



Local Authority

Authority: Sedgemoor District Council
 Phone: 0845 408 2540
 Web: www.sedgemoor.gov.uk
 Address: Bridgwater House, King Square, Bridgwater, TA6
 3AR

Get Mapping PLC

Virginia Villas, High Street, Hartley Witney, Hampshire RG27
 8NW
 Tel: 01252 845444



CoPSO

The Old Rectory, Church Lane, Thornby, Northants NN6 8SN
 Tel: 0871 4237191
 (www.copso.org.uk)



Acknowledgements

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Site of Special Scientific Interest, National Nature Reserve, Ramsar Site, Special Protection Area, Special Area of Conservation data is provided by, and used with the permission of, English Nature who retain the Copyright and Intellectual Property Rights for the data.

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This report has been prepared in accordance with the GroundSure Ltd standard Terms and Conditions of business for work of this nature.



Search Code

IMPORTANT CONSUMER PROTECTION INFORMATION

This search has been produced by GroundSure Ltd, Lees House, 21 Dyke Road, Brighton, BN1 3FE. Tel: 08444 159 000. Email: info@4C.groundsure.com which is registered with the Property Codes Compliance Board (PCCB) as a subscriber to the Search Code. The PCCB independently monitors how registered search firms maintain compliance with the Code.

The Search Code:

- provides protection for homebuyers, sellers, estate agents, conveyancers and mortgage lenders who rely on the information included in property search reports undertaken by subscribers on residential and commercial property within the United Kingdom
- sets out minimum standards which firms compiling and selling search reports have to meet
- promotes the best practice and quality standards within the industry for the benefit of consumers and property professionals
- enables consumers and property professionals to have confidence in firms which subscribe to the code, their products and services.

By giving you this information, the search firm is confirming that they keep to the principles of the Code. This provides important protection for you.

The Code's core principles

Firms which subscribe to the Search Code will:

- display the Search Code logo prominently on their search reports
- act with integrity and carry out work with due skill, care and diligence
- at all times maintain adequate and appropriate insurance to protect consumers
- conduct business in an honest, fair and professional manner
- handle complaints speedily and fairly
- ensure that products and services comply with industry registration rules and standards and relevant laws
- monitor their compliance with the Code

COMPLAINTS

If you have a query or complaint about your search, you should raise it directly with the search firm, and if appropriate ask for any complaint to be considered under their formal internal complaints procedure. If you remain dissatisfied with the firm's final response, after your complaint has been formally considered, or if the firm has exceeded the response timescales, you may refer your complaint for consideration under The Property Ombudsman scheme (TPOs). The Ombudsman can award compensation of up to £5,000 to you if he finds that you have suffered actual loss as a result of your search provider failing to keep to the Code.

Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPOs or to the PCCB.

TPOs Contact Details:

The Property Ombudsman scheme
Milford House
43-55 Milford Street
Salisbury
Wiltshire SP1 2BP
Tel: 01722 333306
Fax: 01722 332296
Email: admin@tpos.co.uk

You can get more information about the PCCB from www.propertycodes.org.uk.

PLEASE ASK YOUR SEARCH PROVIDER IF YOU WOULD LIKE A COPY OF THE SEARCH CODE

COMPLAINTS PROCEDURE

If you want to make a complaint, we will:

- Acknowledge it within 5 working days of receipt.
- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt.
- Keep you informed by letter, telephone or e-mail, as you prefer, if we need more time.
- Provide a final response, in writing, at the latest within 40 working days of receipt.
- Liaise, at your request, with anyone acting formally on your behalf.

Complaints should be sent to: Operations Director, GroundSure Ltd, Lees House, 21 Dyke Road, Brighton, BN1 3FE.
Tel: 08444 159 000. Email: info@4C.groundsure.com

If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman scheme (TPOs): Tel: 01722 333306, E-mail: admin@tpos.co.uk.

We will co-operate fully with the Ombudsman during an investigation and comply with his final decision.

Standard Terms and Conditions

1 Definitions

In these terms and conditions unless the context otherwise requires:

“Beneficiary” means the person or entity for whose benefit the Client has obtained the Services.

“Client” means the party or parties entering into a Contract with GroundSure.

“Commercial” means any building or property which is not Residential.

“Confidential Information” means the contents of this Contract and all information received from the Client as a result of, or in connection with, this Contract other than

(i) information which the Client can prove was rightfully in its possession prior to disclosure by GroundSure and

(ii) any information which is in the public domain (other than by virtue of a breach of this Contract).

“Support Services” means Support Services provided by GroundSure including, without limitation, interpreting third party and in-house environmental data, providing environmental support advice, undertaking environmental audits and assessments, Site investigation, Site monitoring and related items.

“Contract” means the contract between GroundSure and the Client for the provision of the Services, and which shall incorporate these terms and conditions, the Order, and the relevant User Guide.

“Third Party Data Provider” means any third party providing Third Party Content to GroundSure.

“Data Reports” means reports comprising factual data with no accompanying interpretation.

“Fees” has the meaning set out in clause 5.1.

“GroundSure” means GroundSure Limited, a company registered in England and Wales under number 03421028.

“GroundSure Materials” means all materials prepared by GroundSure and provided as part of the Services, including but not limited to Third Party Content, Data Reports, Mapping, and Risk Screening Reports.

“Intellectual Property” means any patent, copyright, design rights, trade or service mark, moral rights, data protection rights, know-how or trade mark in each case whether registered or not and including applications for the same or any other rights of a similar nature anywhere in the world.

“Mapping” means a map, map data or a combination of historical maps of various ages, time periods and scales.

“Order” means an electronic, written or other order form submitted by the Client requesting Services from GroundSure in respect of a specified Site.

“Ordnance Survey” means the Secretary of State for Business, Innovation and Skills, acting through Ordnance Survey, Adanac Drive, Southampton, SO16 0AS, UK.

“Order Website” means the online platform through which Orders may be placed by the Client and accepted by GroundSure.

“Report” means a Risk Screening Report or Data Report for Commercial or Residential property.

“Residential” means any building or property used as or intended to be used as a single dwelling.

“Risk Screening Report” means a risk screening report comprising factual data with an accompanying interpretation by GroundSure.

“Services” means any Report, Mapping and/or Support Services which GroundSure has agreed to provide by accepting an Order pursuant to clause 2.6.

“Site” means the area of land in respect of which the Client has requested GroundSure to provide the Services.

“Third Party Content” means data, database information or other information which is provided to GroundSure by a Third Party Data Provider.

“User Guide” means the user guide, as amended from time to time, available upon request from GroundSure and on the website (www.groundsure.com) and forming part of this Contract.

2 Scope of Services, terms and conditions, requests for insurance and quotations

2.1 GroundSure agrees to provide the Services in accordance with the Contract.

2.2 GroundSure shall exercise reasonable skill and care in the provision of the Services.

2.3 Subject to clause 7.3 the Client acknowledges that it has not relied on any statement or representation made by or on behalf of GroundSure which is not set out and expressly agreed in writing in the Contract and all such statements and representations are hereby excluded to the fullest extent permitted by law.

2.4 The Client acknowledges that terms and conditions appearing on a Client's order form, printed stationery or other communication, or any terms or conditions implied by custom, practice or course of dealing shall be of no effect, and that this Contract shall prevail over all others in relation to the Order.

2.5 If the Client or Beneficiary requests insurance in conjunction with or as a result of the Services, GroundSure shall use reasonable endeavours to recommend such insurance, but makes no warranty that such insurance shall be available from insurers or that it will be offered on reasonable terms. Any insurance purchased by the Client or Beneficiary shall be subject solely to the terms of the policy issued by insurers and GroundSure will have no liability therefor. In addition you acknowledge and agree that GroundSure does not act as an agent or broker for any insurance providers. The Client should take (and ensure that the Beneficiary takes) independent advice to ensure that the insurance policy requested or offered is suitable for its requirements.

2.6 GroundSure's quotations or proposals are valid for a period of 30 days only unless an alternative period of time is explicitly stipulated by Groundsure. GroundSure reserves the right to withdraw any quotation or proposal at any time before an Order is accepted by GroundSure. GroundSure's acceptance of an Order shall be binding only when made in writing and signed by GroundSure's authorised representative or when accepted through the Order Website.

3 The Client's obligations

3.1 The Client shall comply with the terms of this Contract and

(i) procure that the Beneficiary or any third party relying on the Services complies with and acts as if it is bound by the Contract and

(ii) be liable to GroundSure for the acts and omissions of the Beneficiary or any third party relying on the Services as if such acts and omissions were those of the Client.

3.2 The Client shall be solely responsible for ensuring that the Services are appropriate and suitable for its and/or the Beneficiary's needs.

3.3 The Client shall supply to GroundSure as soon as practicable and without charge all requisite information (and the Client warrants that such information is accurate, complete and appropriate), including without limitation any environmental information relating to the Site and shall give such assistance as GroundSure shall reasonably require in the provision of the Services including, without limitation, access to the Site, facilities and equipment.

3.4 Where the Client's approval or decision is required to enable GroundSure to carry out work in order to provide the Services, such approval or decision shall be given or procured in reasonable time and so as not to delay or disrupt the performance of the Services.

3.5 Save as expressly permitted by this Contract the Client shall not, and shall procure that the Beneficiary shall not, re-sell, alter, add to, or amend the GroundSure Materials, or use the GroundSure Materials in a manner for which they were not intended. The Client may make the GroundSure Materials available to a third party who is considering acquiring some or all of, or providing funding in relation to, the Site, but such third party cannot rely on the same unless expressly permitted under clause 4.

3.6 The Client is responsible for maintaining the confidentiality of its user name and password if using the Order Website and the Client acknowledges that GroundSure accepts no liability of any kind for any loss or damage suffered by the Client as a consequence of using the Order Website.

4 Reliance

4.1 The Client acknowledges that the Services provided by GroundSure consist of the presentation and analysis of Third Party Content and other content and that information obtained from a Third Party Data Provider cannot be guaranteed or warranted by GroundSure to be reliable.

4.2 In respect of Data Reports, Mapping and Risk Screening Reports, the following classes of person and no other are entitled to rely on their contents;

- (i) the Beneficiary,
- (ii) the Beneficiary's professional advisers, (iii) any person providing funding to the Beneficiary in relation to the Site (whether directly or as part of a lending syndicate),
- (iv) the first purchaser or first tenant of the Site, and
- (v) the professional advisers and lenders of the first purchaser or tenant of the Site.

4.3 In respect of Support Services, only the Client, Beneficiary and parties expressly named in a Report and no other parties are entitled to rely on its contents.

4.4 Save as set out in clauses 4.2 and 4.3 and unless otherwise expressly agreed in writing, no other person or entity of any kind is entitled to rely on any Services or Report issued or provided by GroundSure. Any party considering such Reports and Services does so at their own risk.

5 Fees and Disbursements

5.1 GroundSure shall charge and the Client shall pay fees at the rate and frequency specified in the written proposal, Order Website or Order acknowledgement form, plus (in the case of Support Services) all proper disbursements incurred by GroundSure. The Client shall in addition pay all value added tax or other tax payable on such fees and disbursements in relation to the provision of the Services (together "Fees").

5.2 The Client shall pay all outstanding Fees to GroundSure in full without deduction, counterclaim or set off within 30 days of the date of GroundSure's invoice or such other period as may be agreed in writing between GroundSure and the Client ("Payment Date"). Interest on late payments will accrue on a daily basis from the Payment Date until the date of payment (whether before or after judgment) at the rate of 8% per annum.

5.3 The Client shall be deemed to have agreed the amount of any invoice unless an objection is made in writing within 28 days of the date of the invoice. As soon as reasonably practicable after being notified of an objection, without prejudice to clause 5.2 a member of GroundSure's management team will contact the Client and the parties shall then use all reasonable endeavours to resolve the dispute within 15 days.

6 Intellectual Property and Confidentiality

6.1 Subject to

- (i) full payment of all relevant Fees and
- (ii) compliance with this Contract, the Client is granted (and is permitted to sub-licence to the Beneficiary) a royalty-free, worldwide, non-assignable and (save to the extent set out in this Contract) non-transferable licence to make use of the GroundSure Materials.

6.2 All Intellectual Property in the GroundSure Materials are and shall remain owned by GroundSure or GroundSure's licensors (including without limitation the Third Party Data Providers) the Client acknowledges, and shall procure acknowledgement by the Beneficiary of, such ownership. Nothing in this Contract purports to transfer or assign any rights to the Client or the Beneficiary in respect of such Intellectual Property.

6.3 Third Party Data Providers may enforce any breach of clauses 6.1 and 6.2 against the Client or Beneficiary.

6.4 The Client shall, and shall procure that any recipients of the GroundSure Materials shall:

- (i) not remove, suppress or modify any trade mark, copyright or other proprietary marking belonging to GroundSure or any third party from the Services;
- (ii) use the information obtained as part of the Services in respect of the subject Site only, and shall not store or reuse any information obtained as part of the Services provided in respect of adjacent or nearby sites;
- (iii) not create any product or report which is derived directly or indirectly from the Services (save that those acting in a professional capacity to the Beneficiary may provide advice based upon the Services);
- (iv) not combine the Services with or incorporate such Services into any other information data or service;

(v) not reformat or otherwise change (whether by modification, addition or enhancement), the Services (save that those acting for the Beneficiary in a professional capacity shall not be in breach of this clause 6.4(v) where such reformatting is in the normal course of providing advice based upon the Services);

(vi) where a Report and/or Mapping contains material belonging to Ordnance Survey, acknowledge and agree that such content is protected by Crown Copyright and shall not use such content for any purpose outside of receiving the Services; and

(vii) not copy in whole or in part by any means any map prints or run-on copies containing content belonging to Ordnance Survey (other than that contained within Ordnance Survey's OS Street Map) without first being in possession of a valid Paper Map Copying Licence from Ordnance Survey, 6.5 Notwithstanding clause 6.4, the Client may make reasonable use of the GroundSure Materials in order to advise the Beneficiary in a professional capacity. However, GroundSure shall have no liability in respect of any advice, opinion or report given or provided to Beneficiaries by the Client.

6.6 The Client shall procure that any person to whom the Services are made available shall notify GroundSure of any request or requirement to disclose, publish or disseminate any information contained in the Services in accordance with the Freedom of Information Act 2000, the Environmental Information Regulations 2004 or any associated legislation or regulations in force from time to time.

7. Liability: Particular Attention Should Be Paid To This Clause

7.1 This Clause 7 sets out the entire liability of GroundSure, including any liability for the acts or omissions of its employees, agents, consultants, subcontractors and Third Party Content, in respect of:

- (i) any breach of contract, including any deliberate breach of the Contract by GroundSure or its employees, agents or subcontractors;
- (ii) any use made of the Reports, Services, Materials or any part of them; and
- (iii) any representation, statement or tortious act or omission (including negligence) arising under or in connection with the Contract.

7.2 All warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by law, excluded from the Contract.

7.3 Nothing in the Contract limits or excludes the liability of the Supplier for death or personal injury resulting from negligence, or for any damage or liability incurred by the Client or Beneficiary as a result of fraud or fraudulent misrepresentation.

7.4 GroundSure shall not be liable for

- (i) loss of profits;
- (ii) loss of business;
- (iii) depletion of goodwill and/or similar losses;
- (iv) loss of anticipated savings;
- (v) loss of goods;
- (vi) loss of contract;
- (vii) loss of use;
- (viii) loss or corruption of data or information;
- (ix) business interruption;
- (x) any kind of special, indirect, consequential or pure economic loss, costs, damages, charges or expenses;
- (xi) loss or damage that arise as a result of the use of all or part of the GroundSure Materials in breach of the Contract;
- (xii) loss or damage arising as a result of any error, omission or inaccuracy in any part of the GroundSure Materials where such error, omission or inaccuracy is caused by any Third Party Content or any reasonable interpretation of Third Party Content;
- (xiii) loss or damage to a computer, software, modem, telephone or other property; and
- (xiv) loss or damage caused by a delay or loss of use of GroundSure's internet ordering service.

7.5 GroundSure's total liability in relation to or under the Contract shall be limited to £10 million for any claim or claims.

7.6 GroundSure shall procure that the Beneficiary shall be bound by limitations and exclusions of liability in favour of GroundSure which accord with those detailed in clauses 7.4 and 7.5 (subject to clause 7.3) in respect of all claims which the Beneficiary may bring against GroundSure

in relation to the Services or other matters arising pursuant to the Contract.

8 GroundSure's right to suspend or terminate

8.1 If GroundSure reasonably believes that the Client or Beneficiary has not provided the information or assistance required to enable the proper provision of the Services, GroundSure shall be entitled to suspend all further performance of the Services until such time as any such deficiency has been made good.

8.2 GroundSure shall be entitled to terminate the Contract immediately on written notice in the event that:

(i) the Client fails to pay any sum due to GroundSure within 30 days of the Payment Date; or

(ii) the Client (being an individual) has a bankruptcy order made against him or (being a company) shall enter into liquidation whether compulsory or voluntary or have an administration order made against it or if a receiver shall be appointed over the whole or any part of its property assets or undertaking or if the Client is struck off the Register of Companies or dissolved; or

(iii) the Client being a company is unable to pay its debts within the meaning of Section 123 of the Insolvency Act 1986 or being an individual appears unable to pay his debts within the meaning of Section 268 of the Insolvency Act 1986 or if the Client shall enter into a composition or arrangement with the Client's creditors or shall suffer distress or execution to be levied on his goods; or

(iv) the Client or the Beneficiary breaches any term of the Contract (including, but not limited to, the obligations in clause 4) which is incapable of remedy or if remediable, is not remedied within five days of notice of the breach.

9. Client's Right to Terminate and Suspend

9.1 Subject to clause 10.1, the Client may at any time upon written notice terminate or suspend the provision of all or any of the Services.

9.2 In any event, where the Client is a consumer (and not a business) he/she hereby expressly acknowledges and agrees that:

(i) the supply of Services under this Contract (and therefore the performance of this Contract) commences immediately upon GroundSure's acceptance of the Order; and

(ii) the Reports and/or Mapping provided under this Contract are
(a) supplied to the Client's specification(s) and in any event
(b) by their nature cannot be returned.

10 Consequences of Withdrawal, Termination or Suspension

10.1 Upon termination of the Contract:

(i) GroundSure shall take steps to bring to an end the Services in an orderly manner, vacate any Site with all reasonable speed and shall deliver to the Client and/or Beneficiary any property of the Client and/or Beneficiary in GroundSure's possession or control; and

(ii) the Client shall pay to GroundSure all and any Fees payable in respect of the performance of the Services up to the date of termination or suspension. In respect of any Support Services provided, the Client shall also pay GroundSure any additional costs incurred in relation to the termination or suspension of the Contract.

11 Anti-Bribery

11.1 The Client warrants that it shall:

(i) comply with all applicable laws, statutes and regulations relating to anti-bribery and anti-corruption including but not limited to the Bribery Act 2010;

(ii) comply with such of GroundSure's anti-bribery and anti-corruption policies as are notified to the Client from time to time; and

(iii) promptly report to GroundSure any request or demand for any undue financial or other advantage of any kind received by or on behalf of the Client in connection with the performance of this Contract.

11.2 Breach of this Clause 11 shall be deemed a material breach of this Contract.

12 General

12.1 The Mapping contained in the Services is protected by Crown copyright and must not be used for any purpose other than as part of the Services or as specifically provided in the Contract.

12.2 The Client shall be permitted to make one copy only of each Report or Mapping Order. Thereafter the Client shall be entitled to make unlimited copies of the Report or Mapping Order only in accordance with an Ordnance Survey paper map copy license available through GroundSure.

12.3 GroundSure reserves the right to amend or vary this Contract. No amendment or variation to this Contract shall be valid unless signed by an authorised representative of GroundSure.

12.4 No failure on the part of GroundSure to exercise, and no delay in exercising, any right, power or provision under this Contract shall operate as a waiver thereof.

12.5 Save as expressly provided in this Contract, no person other than the persons set out therein shall have any right under the Contract (Rights of Third Parties) Act 1999 to enforce any terms of the Contract.

12.6 The Secretary of State for Business, Innovation and Skills ("BIS") or BIS' successor body, as the case may be, acting through Ordnance Survey may enforce a breach of clause 6.4(vi) and clause 6.4(vii) of these terms and conditions against the Client in accordance with the provisions of the Contracts (Rights of Third Parties) Act 1999.

12.7 GroundSure shall not be liable to the Client if the provision of the Services is delayed or prevented by one or more of the following circumstances:

(i) the Client or Beneficiary's failure to provide facilities, access or information;

(ii) fire, storm, flood, tempest or epidemic;

(iii) Acts of God or the public enemy;

(iv) riot, civil commotion or war;

(v) strikes, labour disputes or industrial action;

(vi) acts or regulations of any governmental or other agency;

(vii) suspension or delay of services at public registries by Third Party Data Providers;

(viii) changes in law; or

(ix) any other reason beyond GroundSure's reasonable control.

In the event that GroundSure is prevented from performing the Services (or any part thereof) in accordance with this clause 12.6 for a period of not less than 30 days then GroundSure shall be entitled to terminate this Contract immediately on written notice to the Client.

12.8 Any notice provided shall be in writing and shall be deemed to be properly given if delivered by hand or sent by first class post, facsimile or by email to the address, facsimile number or email address of the relevant party as may have been notified by each party to the other for such purpose or in the absence of such notification the last known address.

12.9 Such notice shall be deemed to have been received on the day of delivery if delivered by hand, facsimile or email (save to the extent such day is not a working day where it shall be deemed to have been delivered on the next working day) and on the second working day after the day of posting if sent by first class post.

12.10 The Contract constitutes the entire agreement between the parties and shall supersede all previous arrangements between the parties relating to the subject matter hereof.

12.11 Each of the provisions of the Contract is severable and distinct from the others and if one or more provisions is or should become invalid, illegal or unenforceable, the validity and enforceability of the remaining provisions shall not in any way be tainted or impaired.

12.12 This Contract shall be governed by and construed in accordance with English law and any proceedings arising out of or connected with this Contract shall be subject to the exclusive jurisdiction of the English courts.

12.13 GroundSure is an executive member of the Council of Property Search Organisation (CoPSO) and has signed up to the Search Code administered by the Property Codes Compliance Board (PCCB). All Risk Screening Reports shall be supplied in accordance with the provisions of the Search Code.

12.14 If the Client or Beneficiary has a complaint about the Services, written notice should be given to the Compliance Officer at GroundSure who will respond in a timely manner.

12.15 The Client agrees that it shall, and shall procure that each Beneficiary shall, treat in confidence all Confidential Information and shall not, and shall procure that each Beneficiary shall not (i) disclose any Confidential Information to any third party other than in accordance with the terms of this Contract; and (ii) use Confidential Information for a purpose other than the exercise of its rights and obligations under this Contract. Subject to clause 6.6, nothing shall prevent the Client or any Beneficiary from disclosing Confidential Information to the extent required by law.



RSK STATS Geoconsult Ltd (Bedminster)	GroundSure Reference:	HMD-441-912071
Spring Lodge, , 172 Chester Road,	Your Reference:	312318
Cheshire,	Report Date:	Jun 6, 2013
Helsby, WA6 0AR	Report Delivery Method:	xml
	Client Email:	██████████@rsk.co.uk

GroundSure Data

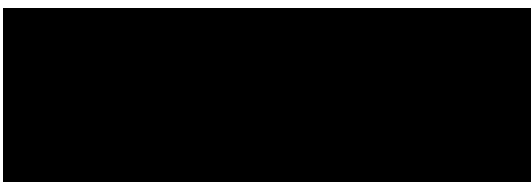
Address: Hinkley C to Seabank grid connection project

Dear Sir/Madam,

Thank you for placing your order with GroundSure. Please find enclosed the GroundSure Data report as requested.

If you need any further assistance, please do not hesitate to contact our helpline on 08444 159000 quoting the above GroundSure reference number.

Yours faithfully,



Managing Director
Groundsure Limited

Enc.
GroundSure Data

GroundSure Data

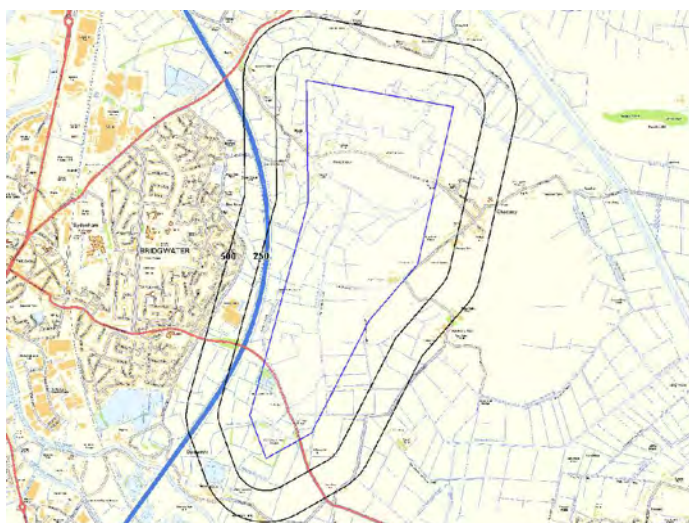
Address: Hinkley C to Seabank grid connection project

Date: Jun 6, 2013

GroundSure Reference: HMD-441-912071

Your Reference: 312318

Client: RSK STATS Geoconsult Ltd (Bedminster)



Aerial Photograph of Study Site



Aerial photography supplied by Getmapping PLC.
© Copyright Getmapping PLC 2003. All Rights Reserved.

Site Name: Hinkley C to Seabank grid connection project
Grid Reference: 353664,181211

Report Reference: HMD-441-912071

If you would like any further assistance regarding this report then please contact
GroundSure on (T) 08444 159 000, email: info@4c.groundsure.com

Overview of Findings

For further details on each dataset, please refer to each individual section in the main report as listed. Where the database has been searched a numerical result will be recorded. Where the database has not been searched '-' will be recorded.

Report Section	Number of records found within (X) m of the study site boundary					
1. Historical Industrial Sites	on-site	0-50	51-250	251-500	501-1000	1000-1500
1.1 Potentially Contaminative Past Land Use						
Records of potentially contaminative past land use (1:10,000 scale mapping)	6	0	0	-	-	-
1.2 Additional Information – Historical Tanks (1:2,500,1:1,250 scale mapping)	3	0	0*	-	-	-
1.3 Additional Information – Historical Energy Features (1:2,500,1:1,250 scale mapping)	1	0	0*	-	-	-
1.4 Additional Information – Historical Petrol and Fuel Site Database (1:2,500,1:1,250 scale mapping)	0	0	0*	-	-	-
1.5 Additional Information – Historical Vehicle Repair and Garages (1:2,500,1:1,250 scale mapping)	0	0	0*	-	-	-
1.6 Potentially Infilled Land						
Records of potentially infilled land (1:10,000 scale mapping)	13	2	3*	-	-	-
*51-100m						
2. Environmental Permits, Incidents and Registers	on-site	0-50	51-250	251-500	501-1000	1000-1500
2.1 Industrial Sites Holding Environmental Permits and/or Authorisations						
Records of historic IPC Authorisations	0	0	0	0	-	-
Records of Part A(1) and IPPC Authorised Activities	0	0	0	0	-	-
Records of Water Industry Referrals (potentially harmful discharges to the public sewer)	0	0	0	0	-	-
Records of Red List Discharge Consents (potentially harmful discharges to controlled waters)	0	0	0	0	-	-
Records of List 1 Dangerous Substances Inventory sites	0	0	0	0	-	-
Records of List 2 Dangerous Substances Inventory sites	0	0	0	0	-	-
Records of Part A(2) and Part B Activities and Enforcements	0	0	0	0	-	-
Records of Category 3 or 4 Radioactive Substances Authorisations	0	0	0	0	-	-
Records of Licensed Discharge Consents	9	1	3	9	-	-
Records of Planning Hazardous Substance Consents and Enforcements	0	0	0	0		
2.2 Records of COMAH and NIHHS sites	0	0	0	0	-	-
2.3 Environment Agency Recorded Pollution Incidents						
National Incidents Recording System, List 2	0	0	1	-	-	-
National Incidents Recording System, List 1	0	0	0	-	-	-
2.4 Sites Determined as Contaminated Land under Part IIA EPA 1990	0	0	0	0	-	-

Report Reference: HMD-441-912071

If you would like any further assistance regarding this report then please contact GroundSure on (T) 08444 159 000, email: info@4c.groundsure.com

3. Landfill and Other Waste Sites	on-site	0-50	51-250	251-500	501-1000	1000-1500
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3.1 Landfill Sites

Environment Agency Registered landfill Sites	0	0	0	0	1	-
Landfill Data – Operational Landfill Sites	0	0	0	0	0	-
Environment Agency Historic Landfill Sites	1	0	2	0	1	3
Landfill Data – Non-Operational Landfill Sites	0	0	2	0	0	-
BGS/DoE Landfill Site Survey	0	0	0	0	0	2
GroundSure Local Authority Landfill Sites Data	0	0	0	0	0	0

3.2 Landfill and Other Waste Sites Findings

Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	-	-
Non-Operational Waste Treatment, Transfer and Disposal Sites	0	0	0	0	-	-
Environment Agency licensed Waste Sites	0	0	0	0	3	4

4. Current Land Uses	on-site	0-50	51-250	251-500	501-1000	1000-1500
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4.1 Current Industrial Sites Data	19	7	7	-	-	-
4.2 Records of Petrol and Fuel Sites	0	0	0	0	-	-
4.3 Underground High Pressure Oil and Gas Pipelines	0	0	0	0	-	-

5. Geology	Description
------------	-------------

5.1 Are there any records of Artificial Ground and Made Ground present beneath the study site? *

No

5.2 Are there any records of Superficial Ground and Drift Geology present beneath the study site? *

Yes

5.3 For records of Bedrock and Solid Geology beneath the study site* see the detailed findings section.

Source: Scale: 1:50,000 BGS Sheet 295

* This includes an automatically generated 50m buffer zone around the site.

6. Hydrogeology and Hydrology	on-site	0-50	51-250	251-500	501-1000	1001-2000
-------------------------------	---------	------	--------	---------	----------	-----------

6.1 Are there any records of Productive Strata in the Superficial Geology within 500m of the study site?

Yes

6.2 Are there any records of Productive Strata in the Bedrock Geology within 500m of the study site?

Yes

6.3 Groundwater Abstraction Licences (within 1000m of the study site).

3 0 0 3 2 -

6.4 Surface Water Abstraction Licences (within 1000m of the study site).

0 0 0 0 3 -

6.5 Potable Water Abstraction Licences (within 2000m of the study site).

0 0 0 0 0 0

6.6 Are there any Source Protection Zones within 500m of the study site?

No

6.7 River Quality	on-site	0-50	51-250	251-500	501-1000	1001-1500
-------------------	---------	------	--------	---------	----------	-----------

Is there any Environment Agency information on river quality within 1500m of the study site?

No No No No Yes Yes

6.8 Detailed River Network entries within 500m of the site

1 0 0 0 - -

6.9 Surface water features within 250m of the study site

Yes Yes Yes - - -

7. Flooding

Report Reference: HMD-441-912071

If you would like any further assistance regarding this report then please contact GroundSure on (T) 08444 159 000, email: info@4c.groundsure.com

7.1 Are there any Environment Agency indicative Zone 2 floodplains within 250m of the study site?	Yes
7.2 Are there any Environment Agency indicative Zone 3 floodplains within 250m of the study site?	Yes
7.3 Are there any Flood Defences within 250m of the study site?	No
7.4 Are there any areas benefiting from Flood Defences within 250m of the study site?	No
7.5 Are there any areas used for Flood Storage within 250m of the study site?	No
7.6 What is the maximum BGS Groundwater Flooding susceptibility within 50m of the study site?	Very High
7.7 What is the BGS confidence rating for the Groundwater Flooding susceptibility areas?	High

8. Designated Environmentally Sensitive Sites	on-site	0-50	51-250	251-500	501-1000	1001-2000
8.1 Records of Sites of Special Scientific Interest (SSSI)	0	0	0	0	0	0
8.2 Records of National Nature Reserves (NNR)	0	0	0	0	0	0
8.3 Records of Local Nature Reserves (LNR)	0	0	0	0	1	0
8.4 Records of Special Areas of Conservation (SAC)	0	0	0	0	0	0
8.5 Records of Special Protection Areas (SPA)	0	0	0	0	0	0
8.6 Records of Ramsar sites	0	0	0	0	0	0
8.7 Records of World Heritage Sites	0	0	0	0	0	0
8.8 Records of Environmentally Sensitive Areas	0	0	0	0	0	1
8.9 Records of Areas of Outstanding Natural Beauty (AONB)	0	0	0	0	0	0
8.10 Records of National Parks	0	0	0	0	0	0
8.11 Records of Nitrate Sensitive Areas	0	0	0	0	0	0

9. Additional Information	on-site	0-50	51-250	250-500
9.1 Records of mobile phone transmitters	0	0	0	0
9.2 Records of potential sites of OfCom telecommunications masts	0	0	0	0
9.3 Records of transmission lines in proximity to the study site	3	2	6	2

10. Natural Hazards

10.1 What is the maximum risk of natural ground subsidence?	Moderate
10.2 Is the property in a radon Affected Area as defined by the Health Protection Agency (HPA) and if so what percentage of homes are above the Action Level?	The property is in a Radon Affected Area, as between 1 and 3% of properties are above the Action Level
Is the property in an area where radon protection measures are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment?	No radon protective measures are necessary

11. Mining

11.1 Are there any coal mining areas within 75m of the study site?	No
11.2 What is the risk of subsidence relating to shallow mining within 150m of the study site?	Negligible
11.3 Are there any brine affected areas within 75m of the study site?	No

Using this Report

The following report is designed by Environmental Consultants for Environmental Professionals bringing together the most up-to-date market leading environmental data. This report is provided under and subject to the Terms & Conditions agreed between GroundSure and the Client. The document contains the following sections:

1. Historical Industrial Sites

Provides information on past land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. Potentially Infilled Land features are also included. This search is conducted using radii of up to 250m.

2. Environmental Permits, Incidents and Registers

Provides information on Regulated Industrial Activities and Pollution Incidents as recorded by Regulatory Authorities, and sites determined as Contaminated Land. This search is conducted using radii up to 500m.

3. Landfills and Other Waste Sites

Provides information on landfills and other waste sites that may pose a risk to the study site. This search is conducted using radii up to 1500m.

4. Current Land Uses

Provides information on current land uses that may pose a risk to the study site in terms of potential contamination from activities or processes. These searches are conducted using radii of up to 500m. This includes information on potentially contaminative industrial sites, petrol stations and fuel sites as well as high pressure underground oil and gas pipelines.

5. Geology

Provides information on artificial and superficial deposits and bedrock beneath the study site.

6. Hydrogeology and Hydrology

Provides information on groundwater vulnerability, soil leaching potential, abstraction licenses, Source Protection Zones (SPZ) and river quality. These searches are conducted using radii of up to 2000m.

7. Flooding

Provides information on surface water flooding, flood defences, flood storage areas and groundwater flood areas. This search is conducted using radii of up to 250m.

8. Designated Environmentally Sensitive Sites

Provides information on the Sites of Special Scientific Interest (SSSI), National Nature Reserves (NNR), Special Areas of Conservation (SAC), Special Protection Areas (SPA), Ramsar sites, Local Nature Reserves (LNR), Areas of Outstanding Natural Beauty (AONB), National Parks (NP), Environmentally Sensitive Areas, Nitrate Sensitive Areas and World Heritage Sites. These searches are conducted using radii of up to 2000m.

9. Additional Information

Provides information on records of mobile phone transmitters, potential sites of OfCom telecommunication masts and overhead transmission lines up to 500m.

Report Reference: HMD-441-912071

If you would like any further assistance regarding this report then please contact
GroundSure on (T) 08444 159 000, email: info@4c.groundsure.com

10. Natural Hazards

Provides information on a range of natural hazards that may pose a risk to the study site. These factors include natural ground subsidence and radon.

11. Mining

Provides information on areas of coal and shallow mining.

12. Contacts

This section of the report provides contact points for statutory bodies and data providers that may be able to provide further information on issues raised within this report. Alternatively, GroundSure provide a free Technical Helpline (08444 159000) for further information and guidance.

Note: Maps

Only certain features are placed on the maps within the report. All features represented on maps found within this search are given an identification number. This number identifies the feature on the mapping and correlates it to the additional information provided below. This identification number precedes all other information and takes the following format -Id: 1, Id: 2, etc. Where numerous features on the same map are in such close proximity that the numbers would obscure each other a letter identifier is used instead to represent the features. (e.g. Three features which overlap may be given the identifier "A" on the map and would be identified separately as features 1A, 3A, 10A on the data tables provided).

Where a feature is reported in the data tables to a distance greater than the map area, it is noted in the data table as "Not Shown".

All distances given in this report are in Metres (m). Directions are given as compass headings such as N: North, E: East, NE: North East from the nearest point of the study site boundary.

1. Historical Industrial Sites

1.1 Potentially Contaminative Uses identified from High Detail (1:10,000 scale) Mapping

The systematic analysis of data extracted from standard 1:10,560 and 1:10,000 scale historical maps provides the following information:

Records of sites with a potentially contaminative past land use within 250m of the search boundary: 6

The following records are not represented on Mapping:

Distance [m]	Direction	Use	Date
0.0	On Site	Unspecified Tank	1938
0.0	On Site	Unspecified Tank	1929
0.0	On Site	Grid Transformer Station	1977
0.0	On Site	Unspecified Tank	1990
0.0	On Site	Unspecified Tank	1955
0.0	On Site	Grid Transformer Station	1990

1.2 Additional Information – Historical Tank Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical tanks within 100m of the search boundary: 3

The following records are not represented on Mapping:

Distance (m)	Direction	Use	Date
0.0	On Site	Tank (Unspecified)	1968
0.0	On Site	Tank (Unspecified)	1930
0.0	On Site	Tank (Unspecified)	1989

1.3 Additional Information – Historical Energy Features Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical energy features within 100m of the search boundary: 1

The following records are not represented on Mapping:

Distance (m)	Direction	Use	Date
0.0	On Site	Grid Transformer Station	1968

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1.4 Additional Information – Historical Petrol and Fuel Site Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical petrol stations and fuel sites within 100m of the search boundary: 0

Database searched and no data found.

1.5 Additional Information – Historical Garage and Motor Vehicle Repair Database

The systematic analysis of data extracted from High Detailed 1:1,250 and 1:2,500 scale historical maps provides the following information.

Records of historical garage and motor vehicle repair sites within 100m of the search boundary: 0

Database searched and no data found.

1.6 Potentially Infilled Land

Records of Potentially Infilled Features from 1:10,000 scale mapping within 100m of the study site: 18

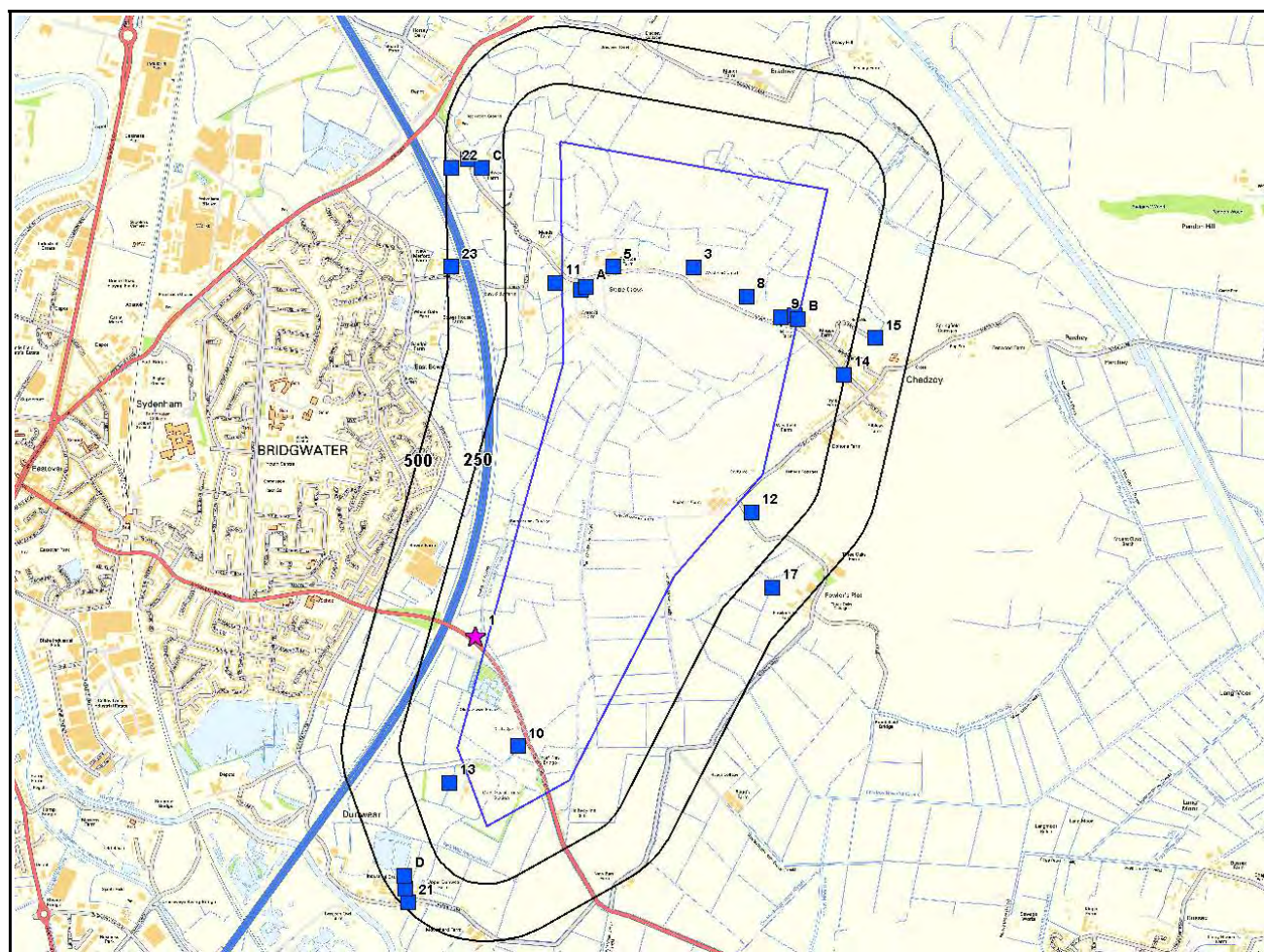
The following Historical Potentially Infilled Features derived from the Historical Mapping information is provided by GroundSure:

Distance [m]	Direction	Use	Date
0.0	On Site	Ponds	1929
0.0	On Site	Ponds	1955
0.0	On Site	Pond	1938
0.0	On Site	Ponds	1990
0.0	On Site	Pond	1938
0.0	On Site	Pond	1938
0.0	On Site	Pond	1938
0.0	On Site	Ponds	1938
0.0	On Site	Clay Pits (B)	1903
0.0	On Site	Ponds	1977
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
0.0	On Site	Pond	1931
5.0	N	Pond	1931
12.0	SE	Pond	1938
51.0	W	Pond	1938
87.0	SE	Pond	1938
92.0	SE	Pond	1938

Report Reference: HMD-441-912071

If you would like any further assistance regarding this report then please contact GroundSure on (T) 08444 159 000, email: info@4c.groundsure.com

2. Environmental Permits, Incidents and Registers Map



Authorisations, Incidents and Registers Legend



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	Recorded Pollution Incident		RAS 3 & 4 Authorisations
	Site Outline		Part A(1) Authorised Processes and Historic IPC Authorisations
	Dangerous Substances (List 1)		Part A(2) and Part B Authorised Processes
	Dangerous Substances (List 2)		COMAH / NIHHS Sites
	Search Buffers (m)		Water Industry Referrals
	250		Licensed Discharge Consents
	500		Red List Discharge Consents
			Sites Determined as Contaminated Land
			Hazardous Substance Consents and Enforcements

2.Environmental Permits, Incidents and Registers

2.1 Industrial Sites Holding Licences and/or Authorisations

Searches of information provided by the Environment Agency and Local Authorities reveal the following information:

Records of historic IPC Authorisations within 500m of the study site: 0

Database searched and no data found.

Records of Part A(1) and IPPC Authorised Activities within 500m of the study site: 0

Database searched and no data found.

Records of Water Industry Referrals (potentially harmful discharges to the public sewer) within 500m of the study site: 0

Database searched and no data found.

Records of Red List Discharge Consents (potentially harmful discharges to controlled waters) within 500m of the study site: 0

Database searched and no data found.

Records of List 1 Dangerous Substances Inventory Sites within 500m of the study site: 0

Database searched and no data found.

Records of List 2 Dangerous Substance Inventory Sites within 500m of the study site: 0

Database searched and no data found.

Records of Part A(2) and Part B Activities and Enforcements within 500m of the study site: 0

Database searched and no data found.

Records of Category 3 or 4 Radioactive Substance Licences within 500m of the study site: 0

Database searched and no data found.

Records of Licensed Discharge Consents within 500m of the study site: 22

Report Reference: HMD-441-912071

The following Licensed Discharge Consents records are represented as points on the Authorisations, Incidents and Registers map:

ID	Distance [m]	Direction	NGR	Details	
2B	0.0	On Site	333701, 137843	Address: Barn Conversion At Manor Farm, Higher Road, Chedzoy, Bridgwater, Somerset, TA7 8QS Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 103530 Permit Version: 1	Receiving Water: Soakaway Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 25/9/2006 Effective Date: 25/9/2006 Revocation Date: -
3	0.0	On Site	333250, 138068	Address: West End Farm, Chedzoy, Bridgwater, Somerset, Somerset, TA7 8QS Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: NPSWQD000154 Permit Version: 1	Receiving Water: Ground Water Via Soakaway Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: - Effective Date: - Revocation Date: -
4A	0.0	On Site	332780, 137980	Address: Plot 1 (the Old Dairy), Chedzoy Lane, Chedzoy, Bridgwater, Somerset Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 071282 Permit Version: 1	Receiving Water: Soakaway Status: New Consent, By Application (wra 91, Section 113 & Sched 12) Issue date: - Effective Date: 19/9/1990 Revocation Date: -
5	0.0	On Site	332900, 138070	Address: Temple Farm, Chedzoy Lane, Chedzoy, Bridgwater, Somerset, TA7 8QR Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 102614 Permit Version: 1	Receiving Water: Soakaway Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 30/4/2004 Effective Date: 26/2/2004 Revocation Date: -
6A	0.0	On Site	332760, 137970	Address: Plot 2 (the Old Dairy), Chedzoy Lane, Chedzoy, Bridgwater, Somerset Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 071283 Permit Version: 1	Receiving Water: Soakaway Status: New Consent, By Application (wra 91, Section 113 & Sched 12) Issue date: - Effective Date: 19/9/1990 Revocation Date: -
7B	0.0	On Site	333690, 137860	Address: Manor Farmhouse, Higher Road, Chedzoy, Bridgwater, Somerset Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 072154 Permit Version: 1	Receiving Water: Soakaway Status: New Consent, By Application (wra 91, Section 113 & Sched 12) Issue date: 11/1/1993 Effective Date: - Revocation Date: -
8	0.0	On Site	333480, 137940	Address: Field Barn, Higher Road, Chedzoy, Bridgwater, Somerset Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 100545 Permit Version: 1	Receiving Water: Soakaway Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: - Effective Date: 22/4/1998 Revocation Date: -
9	0.0	On Site	333630, 137850	Address: Manor Farm Outbuildings, Higher Road, Chedzoy, Bridgwater, Somerset Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 072041 Permit Version: 1	Receiving Water: Soakaway Status: Lapsed Under Schedule 23 Environment Act 1995 Issue date: - Effective Date: 7/10/1992 Revocation Date: 1/10/1996
10	0.0	On Site	332490, 135980	Address: The Lodge, Halfway Bridge, Dunwear, Bridgwater, Somerset Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 071251 Permit Version: 1	Receiving Water: Soakaway Status: Lapsed Under Schedule 23 Environment Act 1995 Issue date: - Effective Date: 6/7/1990 Revocation Date: 1/10/1996
11	33.0	W	332650, 138000	Address: Sycamore House, Slape Farm, Chedzoy Lane, Bridgwater, Somerset, TA7 8QR Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 101333 Permit Version: 1	Receiving Water: Soakaway Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: - Effective Date: 3/11/2000 Revocation Date: -

12	69.0	SE	333500, 137000	Address: Fishers Farm, Fowlers Plot, Chedzoy Effluent Type: Sewage Discharges - Pumping Station - Water Company Permit Number: 070852 Permit Version: 1	Receiving Water: M/h 2 To S10, Ditch Status: Revoked - Unspecified Issue date: - Effective Date: - Revocation Date: 15/2/2002
13	86.0	W	332190, 135820	Address: Bridgwater Substation, Westonzoyland Road, Bridgwater, Somerset, TA7 9HZ Effluent Type: Trade Discharges - Site Drainage Permit Number: 102176 Permit Version: 1	Receiving Water: Freshwater Status: Revoked Under Epr 2010 Issue date: 26/9/2003 Effective Date: 30/6/2003 Revocation Date: 8/11/2010
14	243.0	E	333900, 137600	Address: Manor Drive Ps, Chedzoy Effluent Type: Sewage Discharges - Pumping Station - Water Company Permit Number: 070851 Permit Version: 1	Receiving Water: M/h 31 To S1 Ditch Status: Revoked - Unspecified Issue date: - Effective Date: - Revocation Date: 31/3/2002
15	345.0	E	334040, 137760	Address: Manor Drive Pumping Station, Chedzoy, . Effluent Type: Sewage Discharges - Pumping Station - Water Company Permit Number: 101684 Permit Version: 1	Receiving Water: Trib Of Kings Sedgemoor Drain Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 15/2/2002 Effective Date: 1/4/2002 Revocation Date: -
16C	347.0	W	332330, 138500	Address: Medway Farm, Chedzoy, Bridgwater, Somerset Effluent Type: Agriculture - Arable Farming Permit Number: 081641 Permit Version: 1	Receiving Water: King Sedgemoor Drain Status: Revoked (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: - Effective Date: 24/1/1972 Revocation Date: -
17	353.0	SE	333590, 136670	Address: Fowlers Plot Farm, Chedzoy, Bridgwater, Somerset Effluent Type: Agriculture - Arable Farming Permit Number: 081908 Permit Version: 1	Receiving Water: Trib Of River Cary/ K S Drain Status: Transferred From R(pp)a 1951-1961 Issue date: - Effective Date: 10/6/1983 Revocation Date: -
18C	406.0	W	332270, 138540	Address: Chedzoy Lane Pumping Station, Horse, Bridgwater, Somerset, . Effluent Type: Sewage Discharges - Pumping Station - Water Company Permit Number: 101709 Permit Version: 1	Receiving Water: Trib Of Kings Sedgemoor Drain Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 15/2/2002 Effective Date: 31/3/2002 Revocation Date: -
19D	418.0	SW	331994, 135414	Address: The Sedges, Dunwear, Bridgwater, Somerset, TA7 0AA Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: NPSWQD003711 Permit Version: 1	Receiving Water: Drain Leading To River Parrett Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 4/9/2008 Effective Date: 4/9/2008 Revocation Date: -
20D	443.0	SW	332000, 135360	Address: Upper Dunwear Farm, Dunwear, Bridgwater, Somerset, TA7 0AD Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 102097 Permit Version: 1	Receiving Water: River Parrett Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: 21/8/2003 Effective Date: - Revocation Date: -
21	475.0	SW	332011, 135298	Address: Land To The East Of Willow Cottage, River Lane, Dunwear, Bridgwater, TA7 0AA Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 103531 Permit Version: 1	Receiving Water: Soakaway Status: New Consent (wra 91, S88 & Sched 10 As Amended By Env Act 1995) Issue date: - Effective Date: - Revocation Date: -
22	477.0	W	332200, 138500	Address: Chedzoy Lane, Horse Effluent Type: Sewage Discharges - Pumping Station - Water Company Permit Number: 070857 Permit Version: 1	Receiving Water: Ditch Status: Revoked - Unspecified Issue date: - Effective Date: - Revocation Date: 30/3/2002

23	482.0	W	332200, 138070	Address: Metford Farm, East Bower, Bridgwater, Somerset, TA6 4TT Effluent Type: Sewage Discharges - Final/treated Effluent - Not Water Company Permit Number: 072024 Permit Version: 1	Receiving Water: Soakaway Status: Lapsed Under Schedule 23 Environment Act 1995 Issue date: - Effective Date: 7/10/1992 Revocation Date: 1/10/1996
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Records of Planning Hazardous Substance Consents and Enforcements within 500m of the study site: 0

Database searched and no data found.

2.2 Dangerous or Hazardous Sites

Records of COMAH & NIHHS sites within 500m of the study site: 0

Database searched and no data found.

2.3 Environment Agency Recorded Pollution Incidents

Records of National Incidents Recording System, List 2 within 250m of the study site: 1

The following NIRS List 2 records are represented as points on the Authorisations, Incidents and Registers Map:

ID	Distance [m]	Direction	NGR	Details
1	57.0	W	332300, 136460	Incident Date: 18/2/2003 Incident Identification: 137807 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

Records of National Incidents Recording System, List 1 within 250m of the study site: 0

Database searched and no data found.

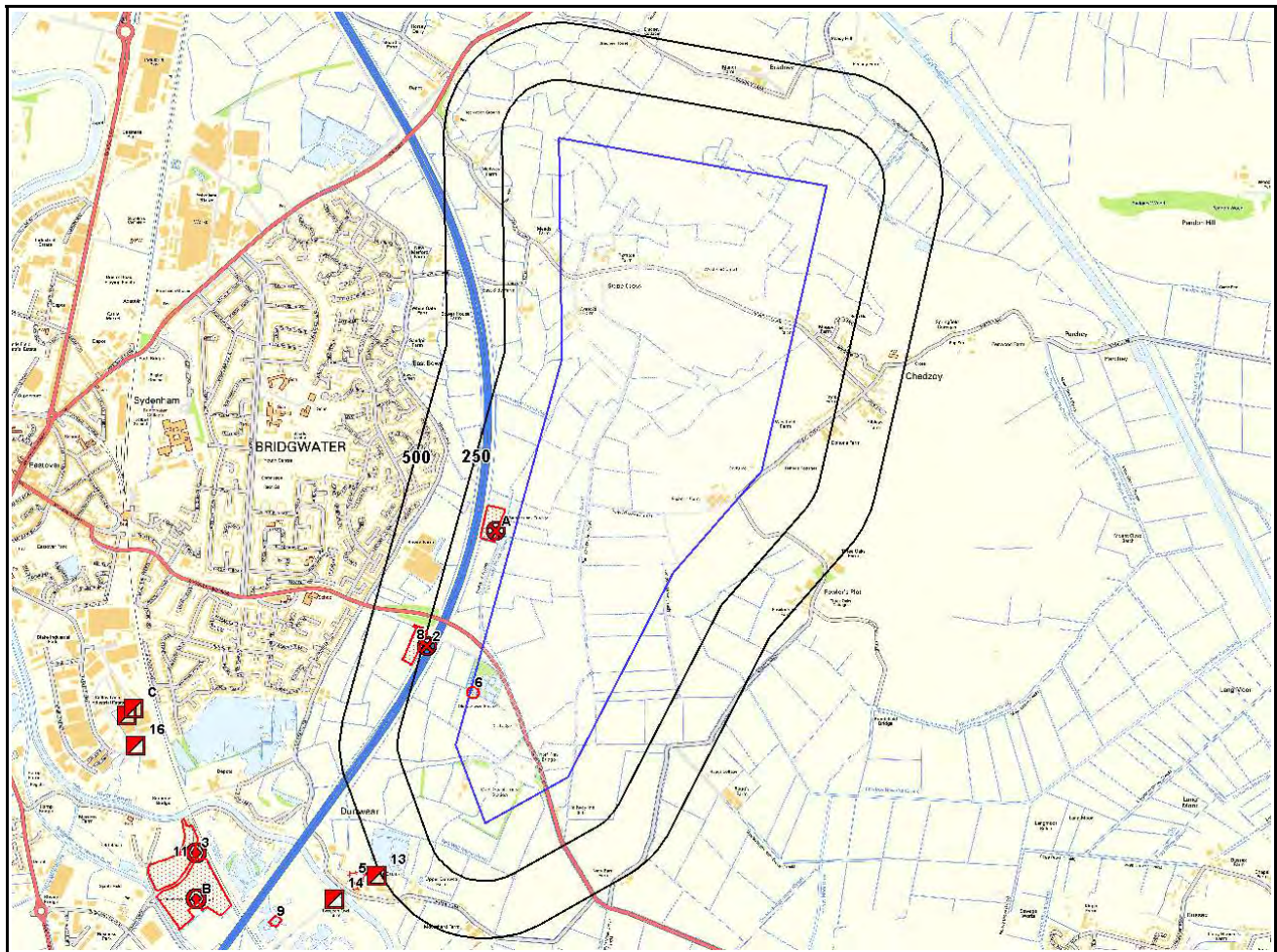
2.4 Sites Determined as Contaminated Land under Part IIA EPA 1990¹

How many records of sites determined as contaminated land under Section 78R of the Environmental Protection Act 1990 are there within 500m of the study site? 0

Database searched and no data found.

¹Further information on sites that have been determined under the Contaminated Land Regime is maintained by Local Authorities under Section 78R of the Environmental Protection Act 1990. Information should be available on both sites currently determined as Contaminated Land and Special Sites.




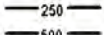


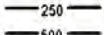


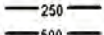





3. Landfill and Other Waste Sites Map



Landfill & Other Waste Sites Legend

Mapping sourced from
Ordnance Survey

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- | | | |
|--|---|--|
|  Site Outline |  E.A. Active Landfill |  Operational Waste Treatment Licence |
|  Search Buffers (m) |  E.A. Historic Landfill (Area Data) |  Closed Waste Treatment Licence |
|  250 |  E.A. Historic Landfill (Point Data) |  REGIS Waste Licence |
|  500 |  BGS / DoE Survey Landfill |  Operational Landfill |
| |  Local Authority Landfill (Area Data) |  Closed Landfill |
| |  Local Authority Landfill (Point Data) | |

3. Landfill and Other Waste Sites

3.1 Landfill Sites

Records from Environment Agency landfill data within 1000m of the study site:

1

The following Environment Agency landfill records are represented as polygons on the Landfill and Other Waste Sites map:

ID	Distance [m]	Direction	NGR	Details
5	542.0	W	331700, 153400	Address: Dunwear Depot, Dunwear Depot, Dunwear, Bridgwater, Somerset, TA4 0AA Landfill Reference: 27088.0 Regis Reference: BEL500 Landfill Type: A6 : Landfill taking other wastes Operator: R K Bell Ltd Status: Closure IPPC Reference:

Records of operational landfill sites sourced from Landmark within 1000m of the study site:

0

Database searched and no data found.

Records of Environment Agency historic landfill sites within 1500m of the study site:

7

The following landfill records are represented as either points or polygons on the Landfill and Other Waste Sites map:

ID	Distance [m]	Direction	NGR	Details
6	0.0	On Site	332300, 136100	Site Address: Pond at Westonzoyland Road, Bridgwater Waste Licence: - Site Reference: WDL/569 Waste Type: Inert Regis Reference: - Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -
7A	65.0	W	332300, 136900	Site Address: East Bower, Bridgwater Waste Licence: Yes Site Reference: WDL/495 Waste Type: Inert Regis Reference: - Licence Issue: 04-Jun-1992 Licence Surrendered: Licence Hold Address: The Drove, Castlefields Bristol Road, Bridgwater, Somerset Operator: -
8	247.0	W	332000, 136400	Site Address: Site Near M5 Westonzoyland Road, Bridgwater, Somerset Waste Licence: Yes Site Reference: WDL/373 Waste Type: Inert Regis Reference: - Licence Issue: 17-Apr-1991 Licence Surrendered: 08-Feb-1993 Licence Hold Address: The Drove, Castlefields Bristol Road, Bridgwater, Somerset Operator: -
9	975.0	SW	331400, 135200	Site Address: Screech Owl Nature Reserve, Huntworth, Bridgwater, Somerset Waste Licence: - Site Reference: US 112 Waste Type: - Regis Reference: - Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: -
10B	1153.0	W	331000, 135300	Site Address: Somerset Bridge Refuse Tip, Bridgwater, Somerset Waste Licence: - Site Reference: W/1/3/1/2/TRK, US 118, 3300/0223 Waste Type: Inert, Industrial, Commercial, Household Regis Reference: - Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Bridgwater Rural District Council

11	1186.0	W	331000, 135400	Site Address: Haul Waste, Somerset Bridge Tip, Bridgwater, Somerset Waste Licence: - Site Reference: US 119 Waste Type: Inert, Industrial, Household Regis Reference: -	Licence Issue: Licence Surrendered: Licence Hold Address: - Operator: Bridgwater Rural District Council and Somerset County Council
Not shown	1234.0	S	331900, 134400	Site Address: Huntworth Lane, North Petherton, Bridgwater, Somerset Waste Licence: Yes Site Reference: WDL/174 Waste Type: Inert, Industrial Regis Reference: -	Licence Issue: 08-Oct-1985 Licence Surrendered: 24-Apr-1994 Licence Hold Address: Huntworth, Bridgwater, Somerset Operator: -

Records of non-operational landfill sites sourced from Landmark within 1000m of the study site: 2

The following landfill records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance [m]	Direction	NGR	Details
1A	77.0	W	332400, 136900	Site Address: East Bower, BRIDGWATER, Somerset, Landfill Licence: 360ALAAL Agency Reference: Waste Type: Non-Hazardous Waste Description: Non-Hazardous Landfill Known Restrictions: No known restriction on source of waste Record Date: 31-May-1992 Transfer Date: Modification Date: 30-Apr-1994 Status: Licence lapsed/cancelled/defunct/not applicable/surrendered Category: LANDFILL Regulator: EA - South West Region - North Wessex Area (Bridgwater) Size: Very Small (<10,000 tonnes/year)
2	234.0	W	332100, 136400	Site Address: Westonzoyland Road, BRIDGWATER, Somerset, Landfill Licence: 360AKCAL Agency Reference: Waste Type: Inert Waste Description: Inert Landfill Known Restrictions: No known restriction on source of waste Record Date: 31-Mar-1991 Transfer Date: Modification Date: Status: Licence known to be surrendered Category: LANDFILL Regulator: EA - South West Region - North Wessex Area (Bridgwater) Size: Undefined

Records of BGS/DoE non-operational landfill sites within 1500m of the study site: 2

The following landfill records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance [m]	Direction	NGR	Details
3	1219.0	W	331100. 0,13550 0.0	Address: Hand Waste, Somerset Bridge Tip, Bridgwater, Somer BGS Number: 2410.0 Risk: Risk to minor aquifer Waste Type: N/A
4B	1288.0	W	331100. 0,13530 0.0	Address: Somerset Bridge Tip, Bridgwater, Somerset BGS Number: 2404.0 Risk: Risk to minor aquifer Waste Type: N/A

Records of Local Authority landfill sites within 1500m of the study site: 0

Database searched and no data found.

3.2 Other Waste Sites

Records of operational waste treatment, transfer or disposal sites within 500m of the study site: 0

Database searched and no data found.

Records of non-operational waste treatment, transfer or disposal sites within 500m of the study site: 0 Report Reference: HMD-441-912071

Database searched and no data found.

Records of Environment Agency licensed waste sites within 1500m of the study site:

7

The following waste treatment, transfer or disposal sites records are represented as points on the Landfill and Other Waste Sites map:

ID	Distance [m]	Direction	NGR	Details	
13	519.0	SW	331885, 135402	Site Address: Small Industries Estate, River Lane, Dunwear, Bridgwater, Somerset, TA7 0AA Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Regis Licence Number: JEN009 Operator: Towns Waste Management Ltd Surrendered Date: - Waste Management licence No: 100054 Annual Tonnage: 500.0	Issue Date: 28/03/2008 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Compound 3 Cancelled Date: - Correspondence Address: -, -
14	730.0	SW	331700, 135300	Site Address: Dunwear Depot, River Lane, Dunwear, Bridgwater, Somerset, TA7 0AA Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Regis Licence Number: BEL505 Operator: R K Bell Ltd Surrendered Date: - Waste Management licence No: 26207 Annual Tonnage: 25000.0	Issue Date: 11/03/2008 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Dunwear Depot Cancelled Date: - Correspondence Address: -, -
Not shown	799.0	N	333995, 139188	Site Address: Bradney Depot, Bradney Lane, Bawdrip, Bridgwater, Somerset, TA7 8PZ Type: Special Waste Transfer Station Size: < 25000 tonnes Regis Licence Number: EAL002 Operator: Environment Agency- South West Region- North Wessex Area Surrendered Date: - Waste Management licence No: 86367 Annual Tonnage: 4999.0	Issue Date: 23/05/2005 Expiry Date: - Effective Date: - Status: Revoked Modified: - Site Name: Bradney Depot Cancelled Date: - Correspondence Address: -, -
16	1385.0	W	330840, 135970	Site Address: Land / Premises At, Axe Road, Colley Lane Ind Est, Bridgwater, Somerset, TA6 5LP Type: Household, Commercial & Industrial Waste T Stn Size: < 25000 tonnes Regis Licence Number: ERW001 Operator: Erwin Rhodes Contracting Ltd Surrendered Date: - Waste Management licence No: 26194 Annual Tonnage: 25000.0	Issue Date: 07/06/2006 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Axe Road Transfer Station Cancelled Date: - Correspondence Address: -, -
17C	1404.0	W	330830, 136130	Site Address: Unit 18, Colley Lane Ind Est, Axe Road, Bridgwater, Somerset, TA6 5LJ Type: ELV Facility Size: < 25000 tonnes Regis Licence Number: AUD002 Operator: Rumary Paul Bjorn Surrendered Date: - Waste Management licence No: 26112 Annual Tonnage: 2500.0	Issue Date: 31/05/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: Unit 18, Colley Lane Industrial Estate Cancelled Date: - Correspondence Address: -, -
18C	1404.0	W	330830, 136130	Site Address: Unit 18, Axe Road, Bridgwater, Somerset, TA6 5LJ Type: ELV Facility Size: < 25000 tonnes Regis Licence Number: AUD002 Operator: Rumary Paul Bjorn Surrendered Date: - Waste Management licence No: 26112 Annual Tonnage: 0.0	Issue Date: 31/05/2005 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: - Cancelled Date: - Correspondence Address: Mr Paul Rumary, Unit 18, Axe Road, Bridgwater, Somerset, TA6 5LJ

19C	1431.0	W	330800, 136100	Site Address: Unit 15, Parrett Way, Colley Lane Ind Est, Bridgwater, Somerset, TA6 5LB Type: Clinical Waste Transfer Station Size: < 25000 tonnes Regis Licence Number: MAY090 Operator: May Gurney Plc Surrendered Date: - Waste Management licence No: 101349 Annual Tonnage: 149998.0	Issue Date: 16/03/2010 Expiry Date: - Effective Date: - Status: Issued Modified: - Site Name: May Gurney - Colley Lane Cancelled Date: - Correspondence Address: -, -
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4. Current Land Use Map

NW

N

NE

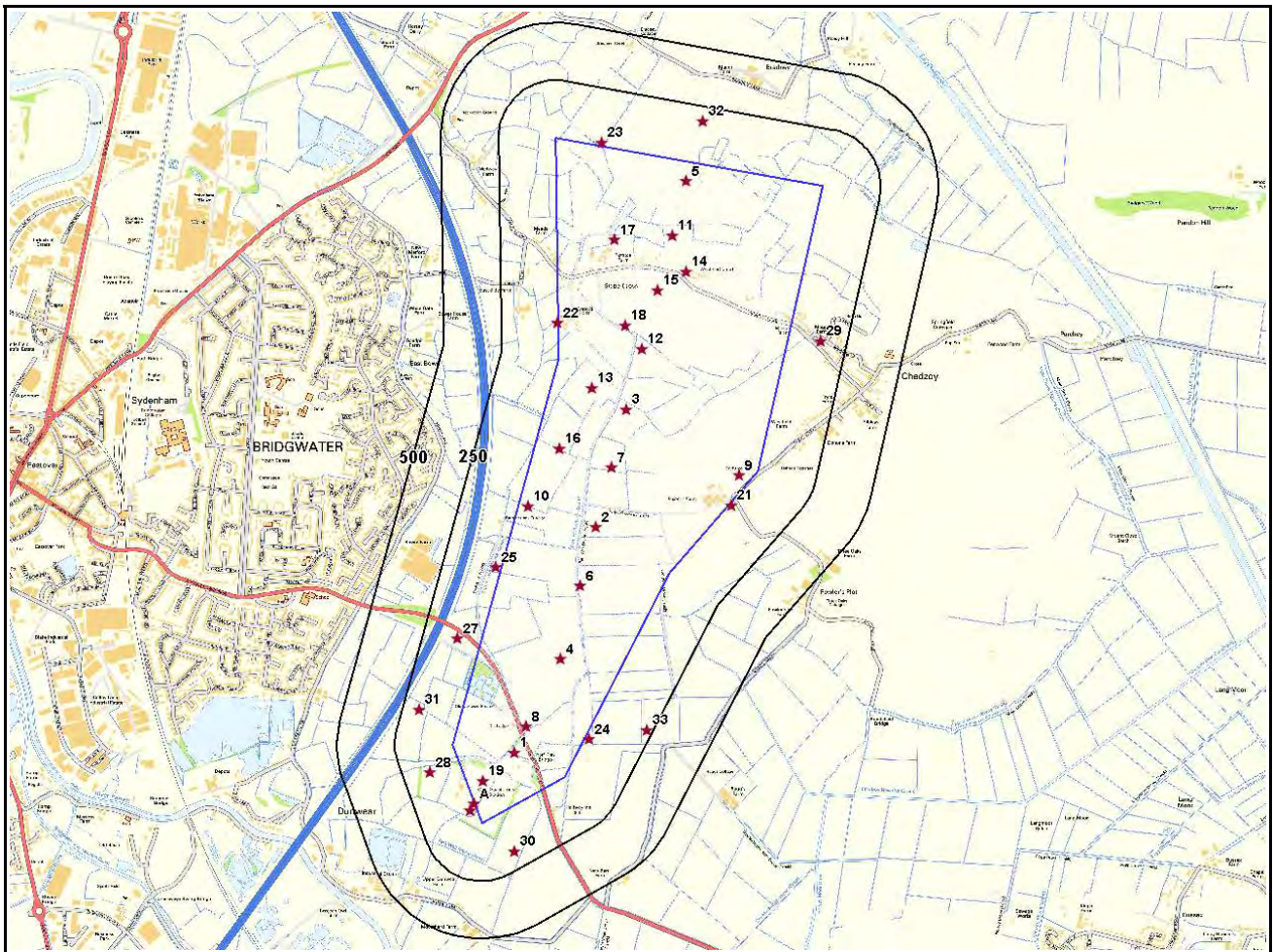
W

E

SW

S

SE



Current Land Use Legend



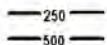
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Site Outline



Current Industrial Sites



Search Buffers (m)



Petrol & Fuel Sites



Underground High Pressure Oil & Fuel Pipelines

4. Current Land Uses

4.1 Current Industrial Data

Records of potentially contaminative industrial sites within 250m of the study site:

33

The following records are represented as points on the Current Land Uses map.

ID	Distance [m]	Direction	Company	Address	Activity	Category
1	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
2	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
3	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
4	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
5	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
6	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
7	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
8	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
9	0.0	On Site	Tank	TA7	Tanks (Generic)	Industrial Features
10	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
11	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
12	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
13	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
14	0.0	On Site	A M Sensors Ltd	Chedzoy Lane, Bridgwater, TA7 8QS	Measurement and Inspection Equipment	Industrial Products
15	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
16	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
17	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
18	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
19	0.0	On Site	Pylon	TA7	Electrical Features	Infrastructure and Facilities
20	4.0	W	Pylon	TA7	Electrical Features	Infrastructure and Facilities
A	8.0	SE	Pumping Station	TA7	Water Pumping Stations	Industrial Features
22	8.0	W	Slurry Pit	TA7	Waste Storage, Processing and Disposal	Infrastructure and Facilities
23	13.0	N	Pylon	TA7	Electrical Features	Infrastructure and Facilities
24	19.0	SE	Pylon	TA7	Electrical Features	Infrastructure and Facilities
25	27.0	W	Pylon	TA7	Electrical Features	Infrastructure and Facilities
26	27.0	W	Pylon	TA7	Electrical Features	Infrastructure and Facilities
A	103.0	W	Pylon	TA7	Electrical Features	Infrastructure and Facilities
28	134.0	W	Pylon	TA7	Electrical Features	Infrastructure and Facilities
29	136.0	E	Works	TA7	Unspecified Works Or Factories	Industrial Features
30	174.0	SE	Pylon	TA7	Electrical Features	Infrastructure and Facilities

31	182.0	W	Pylon	TA7	Electrical Features	Infrastructure and Facilities
32	185.0	N	Pylon	TA7	Electrical Features	Infrastructure and Facilities
33	224.0	SE	Pylon	TA7	Electrical Features	Infrastructure and Facilities

4.2 Petrol and Fuel Sites

Records of petrol or fuel sites within 500m of the study site:

0

Database searched and no data found.

4.3 Underground High Pressure Oil and Gas Pipelines

Records of high pressure underground pipelines within 500m of the study site:

0

Database searched and no data found.

5. Geology

5.1 Artificial Ground and Made Ground

Database searched and no data found.

The database has been searched on site, including a 50m buffer.

5.2 Superficial Ground and Drift Geology

The database has been searched on site, including a 50m buffer.

Lex Code	Description	Rock Type
ALV-CSSG	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
BUB-SAGR	BURTLE FORMATION	SAND AND GRAVEL
ALV-CSSG	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
TFD-CLSS	TIDAL FLAT DEPOSITS	CLAY, SILT AND SAND

(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

5.3 Bedrock and Solid Geology

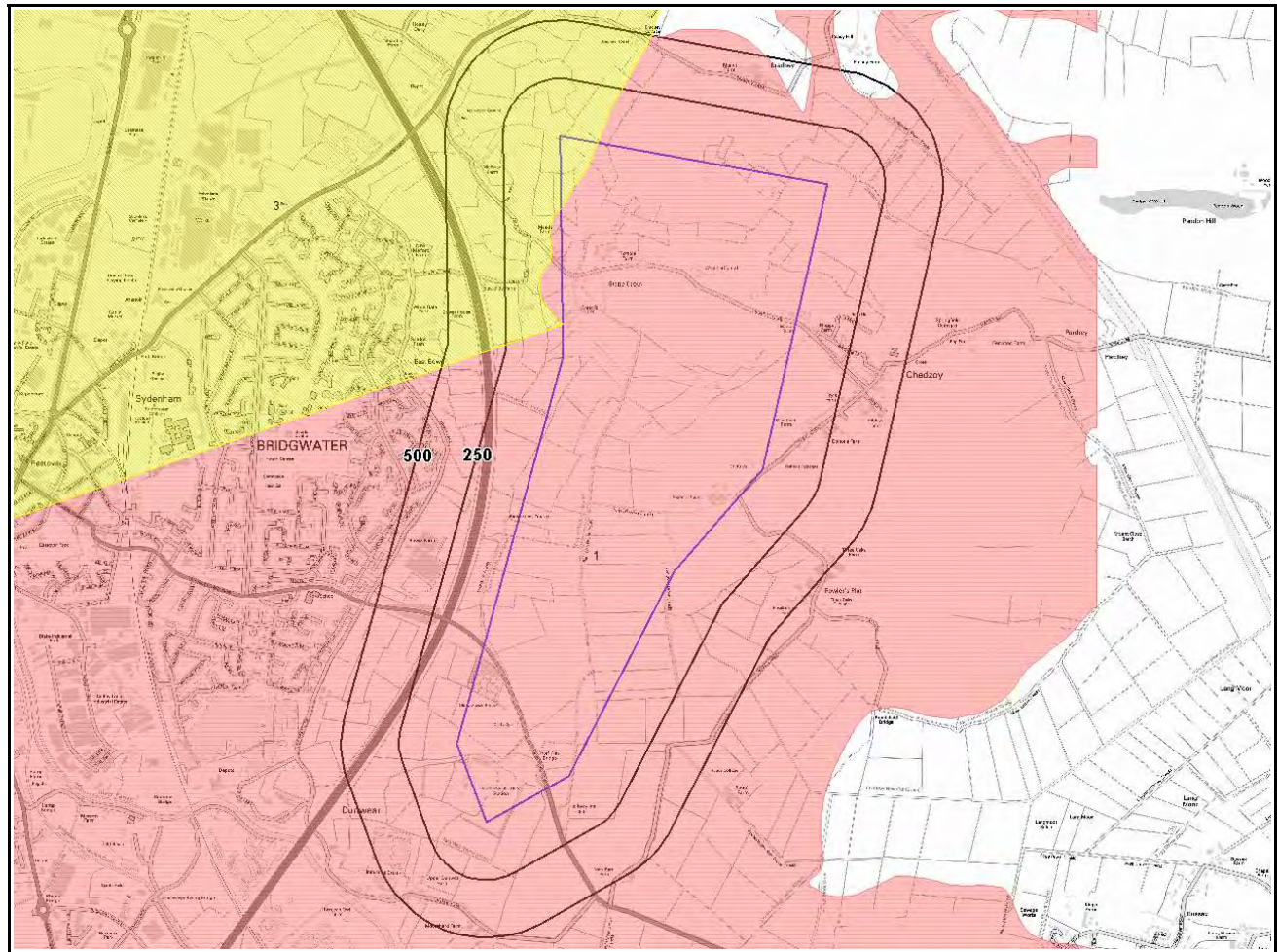
The database has been searched on site, including a 50m buffer.

LEX Code	Description	Rock Type
MMG-MDHA	MERCIA MUDSTONE GROUP	MUDSTONE AND HALITE-STONE

(Derived from the BGS 1:50,000 Digital Geological Map of Great Britain)

For more detailed geological and ground stability data please refer to the "GroundSure Geology and Ground Stability Report". Available from our website.

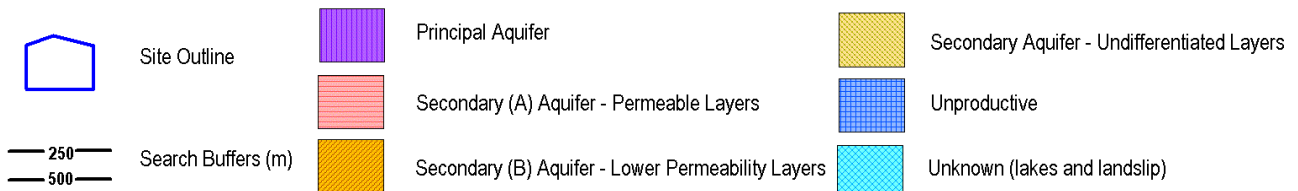
6a. Hydrogeology - Aquifer Within Superficial Geology



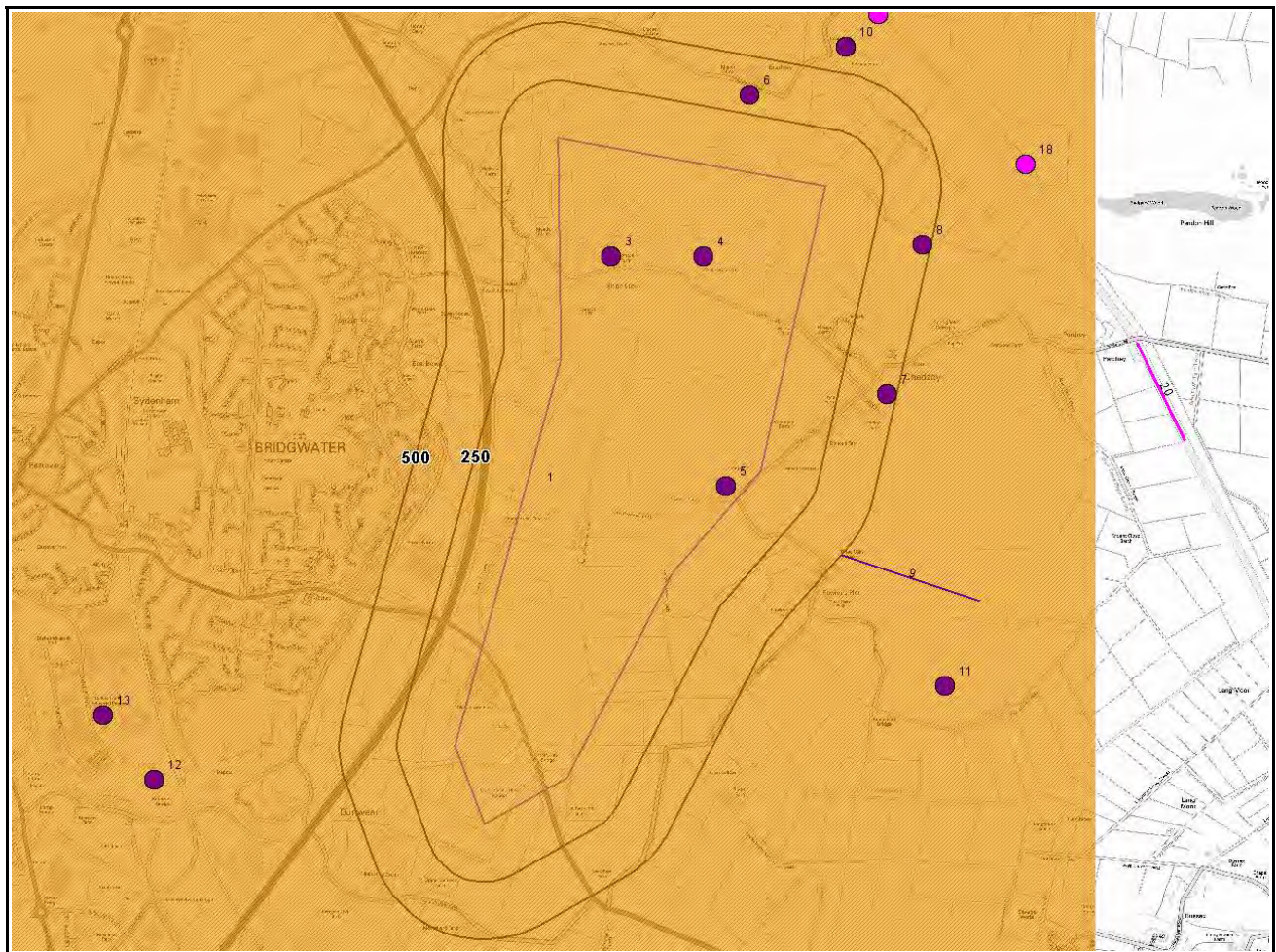
Aquifer Within Superficial Geology Legend



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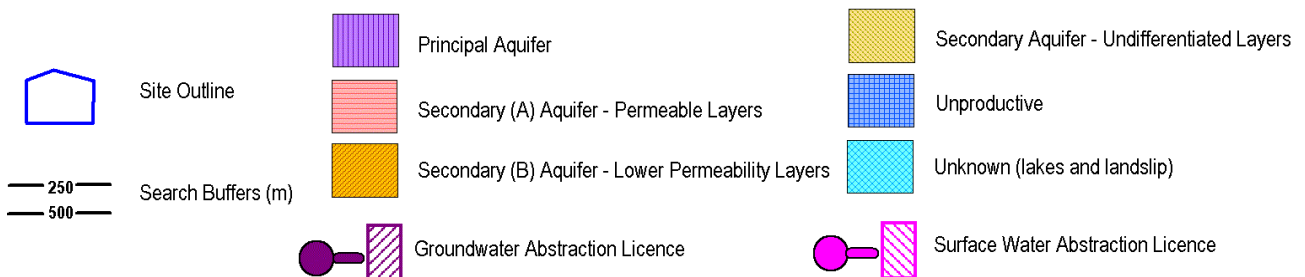
6b. Hydrogeology - Aquifer Within Bedrock Geology and Abstraction Licenses



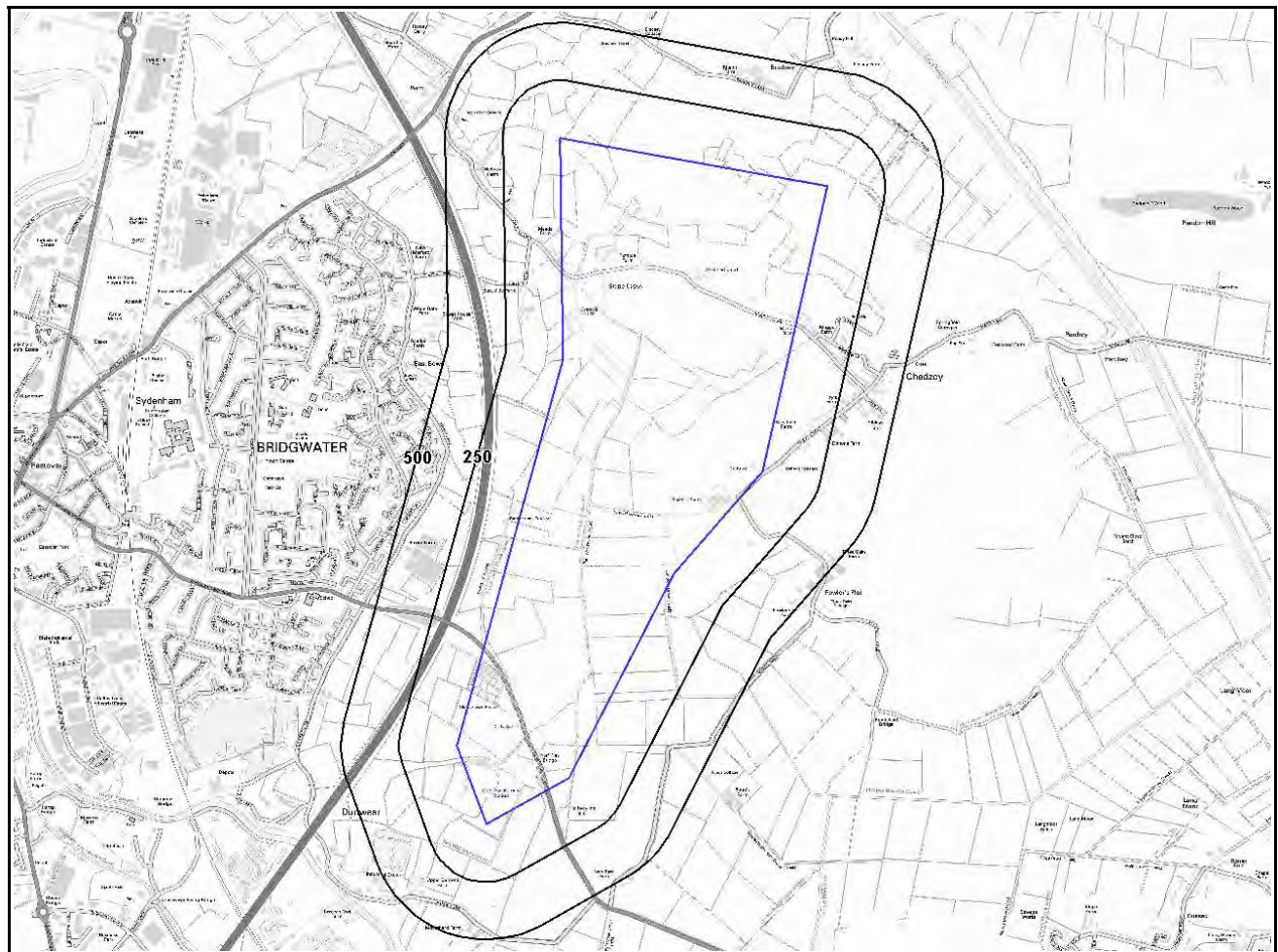
Aquifer Within Bedrock Geology Legend



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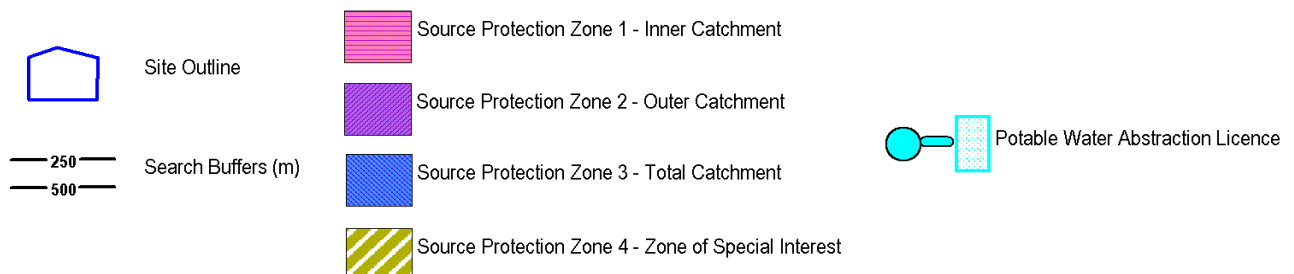
6c. Hydrogeology – Source Protection Zones and Potable Water Abstraction Licenses



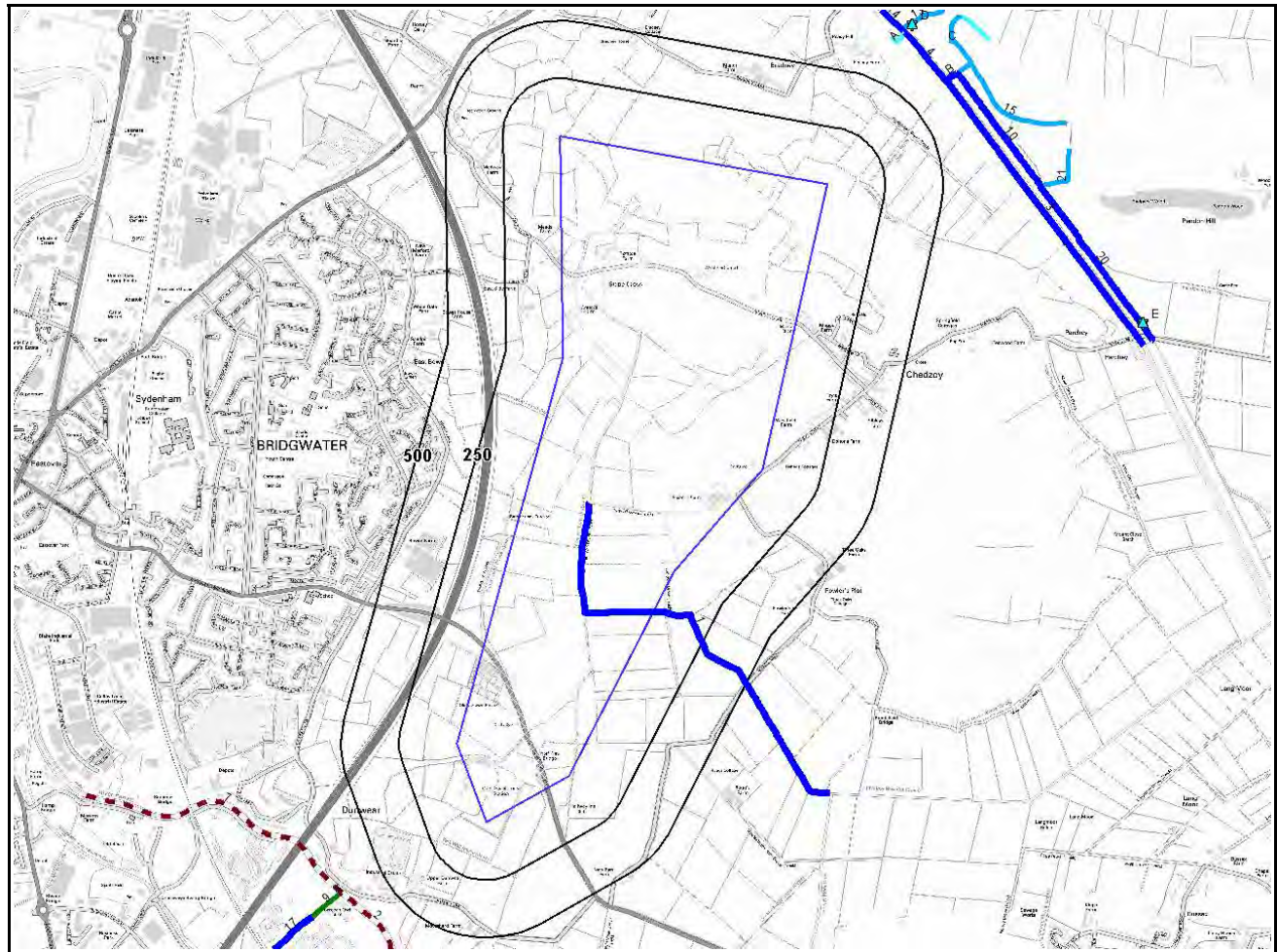
SPZ and Potable Water Abstraction Licenses
Legend



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6d. Hydrology – Detailed River Network and River Quality



Hydrology Legend



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6. Hydrogeology and Hydrology

6.1 Aquifer within Superficial Deposits

Are there records of productive strata within the superficial geology at or in proximity to the property?

Yes

From 1 April 2010, the Environment Agency's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the GroundSure Enviroinsight User Guide.

The following aquifer records are shown on the Aquifer within Superficial Geology Map (5a):

ID	Distance [m]	Direction	Designation	Description
1	0.0	On Site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
3	0.0	On Site	Secondary (undifferentiated)	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

6.2 Aquifer within Bedrock Deposits

Are there records of productive strata within the bedrock geology at or in proximity to the property? **Yes**

From 1 April 2010, the Environment Agency's Groundwater Protection Policy has been using aquifer designations consistent with the Water Framework Directive. For further details on the designation and interpretation of this information, please refer to the GroundSure Enviroinsight User Guide.

The following aquifer records are shown on the Aquifer within Bedrock Geology Map (5b):

ID	Distance [m]	Direction	Designation	Description
1	0.0	On Site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers

6.3 Groundwater Abstraction Licences

Are there any Groundwater Abstraction Licences within 1000m of the study site?

Yes

The following Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (5b):

ID	Distance	Direction	NGR	Details
3	0.0	On Site	332900, 138100	<p>Licence No: 16/52/008/G/111</p> <p>Details: General Farming & Domestic</p> <p>Direct Source: Ground Water - Fresh</p> <p>Point: Temple Farm</p> <p>Data Type: Point</p> <p>Annual Volume (m³): -</p> <p>Max Daily Volume (m³): -</p> <p>Original Application No: 16/52/008/G/111</p> <p>Original Start Date: 18/3/1977</p> <p>Expiry Date: -</p> <p>Issue No: 100</p> <p>Version Start Date: 18/3/1977</p> <p>Version End Date:</p>

4	0.0	On Site	333300, 138100	Licence No: 16/52/008/G/007 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: Chedzoy Well Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: 16/52/008/G/007 Original Start Date: 1/3/1967 Expiry Date: - Issue No: 100 Version Start Date: 1/3/1967 Version End Date: -
5	0.0	On Site	333400, 137100	Licence No: 16/52/008/G/008 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: Three Wells Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: 16/52/008/G/008 Original Start Date: 1/3/1967 Expiry Date: - Issue No: 100 Version Start Date: 1/3/1967 Version End Date: -
6	328.0	N	333500, 138800	Licence No: 16/52/008/G/009 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: Bawdrip (two Wells) Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: 16/52/008/G/009 Original Start Date: 1/12/1966 Expiry Date: - Issue No: 100 Version Start Date: 1/12/1966 Version End Date: -
7	460.0	E	334100, 137500	Licence No: 16/52/008/G/078 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: Chedzoy Data Type: Point	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: 16/52/008/G/078 Original Start Date: 1/3/1967 Expiry Date: - Issue No: 100 Version Start Date: 1/3/1967 Version End Date: -
8	463.0	E	334250, 138150	Licence No: 16/52/008/G/138 Details: Spray Irrigation - Direct Direct Source: Ground Water - Fresh Point: Burtle Beds Data Type: Point	Annual Volume (m ³): 9245 Max Daily Volume (m ³): 800 Original Application No: N263 Original Start Date: 19/2/2007 Expiry Date: 31/3/2018 Issue No: 101 Version Start Date: 19/2/2007 Version End Date: -
9	502.0	SE	333900, 136800	Licence No: 16/52/008/G/003 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: Three Oaks Farm Data Type: Line	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: 16/52/008/G/003 Original Start Date: 1/3/1967 Expiry Date: - Issue No: 100 Version Start Date: 1/3/1967 Version End Date: -
10	610.0	N	333920, 139010	Licence No: 16/52/008/G/136 Details: General Farming & Domestic Direct Source: Ground Water - Fresh Point: Borehole At Peasey Farm Data Type: Point	Annual Volume (m ³): 6570 Max Daily Volume (m ³): 18 Original Application No: N216 Original Start Date: 16/9/2003 Expiry Date: 31/3/2018 Issue No: 101 Version Start Date: 16/9/2003 Version End Date: -

6.4 Surface Water Abstraction Licences

Are there any Surface Water Abstraction Licences within 1000m of the study site?

Yes

The following Surface Water Abstraction Licences records are represented as points, lines and regions on the Aquifer within Bedrock Geology Map (5b):

ID	Distance	Direction	NGR	Details	
16	778.0	N	334060, 139150	Licence No: 16/52/008/S/087 Details: Evaporative Cooling Direct Source: Surface Water - Fresh Point: King's Sedgemoor Drain Data Type: Point	Annual Volume (m ³): 818293 Max Daily Volume (m ³): 2273 Application No: - Original Start Date: 1/12/1965 Expiry Date: - Issue No: 101 Version Start Date: 31/10/2004 Version End Date: -

Report Reference: HMD-441-912071

Not shown	850.0	N	333947, 139249	Licence No: 16/52/008/S/139 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: Inland Water Known As King Sedgmoor Drain Data Type: Line	Annual Volume (m ³): 26000 Max Daily Volume (m ³): 2840 Application No: N 272 Original Start Date: 12/6/2007 Expiry Date: 31/3/2018 Issue No: 101 Version Start Date: 12/6/2007 Version End Date:
18	872.0	E	334700, 138500	Licence No: 16/52/008/S/006 Details: Spray Irrigation - Direct Direct Source: Surface Water - Fresh Point: Reservoir-dammed Rhyne Data Type: Point	Annual Volume (m ³): 5455 Max Daily Volume (m ³): 90.9 Application No: 16/52/008/S/006 Original Start Date: 1/3/1966 Expiry Date: - Issue No: 100 Version Start Date: 1/4/2008 Version End Date:

6.5 Potable Water Abstraction Licences

Are there any Potable Water Abstraction Licences within 2000m of the study site?

No

Database searched and no data found.

6.6 Source Protection Zones

Are there any Source Protection Zones within 500m of the study site?

No

Database searched and no data found.

6.7 River Quality

Is there any Environment Agency information on river quality within 1500m of the study site?

Yes

Biological Quality:

Biological Quality data describes water quality in terms of 83 groups of macroinvertebrates, some of which are pollution sensitive. The results are graded from A ('Very Good') to F ('Bad').

The following Biological Quality records are shown on the Hydrology Map (5d):

ID	Distance [m]	Direction	NGR	River Details	Biological Quality Grade				
					2005	2006	2007	2008	2009
25D	785.0	NE	334200, 139100	River Name: Kings Sedgemoor Drain Reach: Bawdrip-dunball 1 End/Start of Stretch: Start of Stretch NGR	B	A	A	A	A
26D	785.0	NE	334200, 139100	River Name: Kings Sedgemoor Drain Reach: Parchey-bawdrip End/Start of Stretch: End of Stretch NGR	-	-	B	B	B
27E	1467.0	E	335200, 137800	River Name: Kings Sedgemoor Drain Reach: Conf With Soweyparchey End/Start of Stretch: End of Stretch NGR	-	-	B	B	B

28E	1467.0	E	335200, 137800	River Name: Kings Sedgemoor Drain Reach: Parchey-bawdrip End/Start of Stretch: Start of Stretch NGR	-	-	B	B	B
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Chemical Quality:

Chemical quality data is based on the General Quality Assessment Headline Indicators scheme (GQAH). In England, each chemical sample is measured for ammonia and dissolved oxygen. In Wales, the samples are measured for biological oxygen demand (BOD), ammonia and dissolved oxygen. The results are graded from A ('Very Good') to F ('Bad').

The following Chemical Quality records are shown on the Hydrology Map (5d):

ID	Distance [m]	Direction	NGR	River Details	Chemical Quality Grade (Headline Indicator)				
					2005	2006	2007	2008	2009
29D	785.0	NE	334200, 139100	River Name: Kings Sedgemoor Drain Reach: Parchey-bawdrip End/Start of Stretch: End of Stretch NGR	E	D	E	D	D
30D	785.0	NE	334200, 139100	River Name: Kings Sedgemoor Drain Reach: Bawdrip-dunball 1 End/Start of Stretch: Start of Stretch NGR	E	E	E	D	D
Not shown	1369.0	N	333078, 139936	River Name: Kings Sedgemoor Drain Reach: Conf With Sowe- parchey End/Start of Stretch: Sample Point NGR	E	D	E	D	D
Not shown	1369.0	N	333078, 139936	River Name: Kings Sedgemoor Drain Reach: Parchey-bawdrip End/Start of Stretch: Sample Point NGR	E	D	E	D	D
Not shown	1369.0	N	333078, 139936	River Name: Kings Sedgemoor Drain Reach: Dunball 1-conf With Tidal Parrett End/Start of Stretch: Sample Point NGR	E	D	E	D	D
34E	1467.0	E	335200, 137800	River Name: Kings Sedgemoor Drain Reach: Parchey-bawdrip End/Start of Stretch: Start of Stretch NGR	E	D	E	D	D
35E	1467.0	E	335200, 137800	River Name: Kings Sedgemoor Drain Reach: Conf With Sowe- parchey End/Start of Stretch: End of Stretch NGR	E	D	E	D	D

6.8 Detailed River Network

Are there any Detailed River Network entries within 500m of the study site?

Yes

The following Detailed River Network records are represented on the Hydrology Map (5d):

ID	Distance	Direction	Details
1	0.0	On Site	<div> <div> River Name: Drain Water Course Name: Chedzoy New Cut Drain Welsh River Name: - Alternative Name: - </div> <div> River Type: Primary River Catchment: - Drain: NA Main River Status: Currently Undefined </div> </div>

6.9 Surface Water Features

Are there any surface water features within 250m of the study site?

Yes

The following surface water records are not represented on mapping:

Distance to Surface Water (m)	on-site	0-50	51-250
Surface water features within 250m of the study site	Yes	Yes	Yes

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E



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7. Flooding

7.1 Zone 2 Flooding

Zone 2 floodplain estimates the annual probability of flooding as one in one thousand (0.1%) or greater from rivers and the sea but less than 1% from rivers or 0.5% from the sea. Alternatively, where information is available they may show the highest known flood level.

Is the site within 250m of an Environment Agency indicative Zone 2 floodplain?

Yes

The following floodplain records are represented as green shading on the Flood Map:

ID	Distance [m]	Direction	Update	Type
1AH	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
2J	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
3	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
4A	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
5A	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
6A	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
7A	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
8A	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
9A	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
10	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
11B	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
12B	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
13B	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
14B	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
15D	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
16C	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
17C	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
18D	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
19D	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
20D	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
21E	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
22E	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
23E	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
24E	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
25F	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
26F	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
27F	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
28F	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
29	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)

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30	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
31	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
32I	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
33	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
34	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
35AJ	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
36A G	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
37	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
38G	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
39G	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
40G	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
41AI	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
42H	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
43H	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
44H	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
45H	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
46H	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial Models)
47	0.0	On Site	13-Mar-2013	Zone 2 - (Tidal Models)
48	0.0	On Site	13-Mar-2013	Zone 2 - (Fluvial / Tidal Models)
49I	7.0	N	13-Mar-2013	Zone 2 - (Fluvial Models)
50I	8.0	N	13-Mar-2013	Zone 2 - (Tidal Models)
51I	11.0	N	13-Mar-2013	Zone 2 - (Fluvial Models)
52AL	12.0	W	13-Mar-2013	Zone 2 - (Tidal Models)
53	36.0	N	13-Mar-2013	Zone 2 - (Tidal Models)
54	64.0	N	13-Mar-2013	Zone 2 - (Fluvial Models)
55K	156.0	E	13-Mar-2013	Zone 2 - (Fluvial Models)
56J	160.0	W	13-Mar-2013	Zone 2 - (Tidal Models)
57	209.0	SE	13-Mar-2013	Zone 2 - (Tidal Models)
58A O	212.0	N	13-Mar-2013	Zone 2 - (Fluvial Models)
59K	213.0	E	13-Mar-2013	Zone 2 - (Tidal Models)
60K	216.0	E	13-Mar-2013	Zone 2 - (Fluvial Models)
61K	217.0	E	13-Mar-2013	Zone 2 - (Tidal Models)
62AP	230.0	N	13-Mar-2013	Zone 2 - (Tidal Models)
63	234.0	W	13-Mar-2013	Zone 2 - (Tidal Models)

7.2 Zone 3 Flooding

Zone 3 estimates the annual probability of flooding as one in one hundred (1%) or greater from rivers and a one in two hundred (0.5%) or greater from the sea. Alternatively, where information is available they may show the highest known flood level.

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Is the site within 250m of an Environment Agency indicative Zone 3 floodplain?

Yes

The following floodplain records are represented as blue shading on the Flood Map:

ID	Distance [m]	Direction	Update	Type
182	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
183 AG	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
184 AG	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
185 AG	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
186 AH	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
187 AH	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
188 B	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
189 B	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
190 B	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
191 B	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
192 B	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
193 B	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
194 B	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
195 B	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
196 B	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
197 AI	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
198 AI	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
199 AI	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
200 AG	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
201 AH	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
202 B	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
203 A	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
204 AJ	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
205 AK	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
206	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
207 AH	0.0	On Site	13-Mar-2013	Zone 3 - (Fluvial Models)
208	0.0	On Site	13-Mar-2013	Zone 3 - (Tidal Models)
209 AL	12.0	W	13-Mar-2013	Zone 3 - (Tidal Models)
210 AM	73.0	W	13-Mar-2013	Zone 3 - (Tidal Models)
211 AM	75.0	W	13-Mar-2013	Zone 3 - (Fluvial Models)
212 AM	78.0	W	13-Mar-2013	Zone 3 - (Tidal Models)
213 AM	81.0	W	13-Mar-2013	Zone 3 - (Fluvial Models)
214J	102.0	W	13-Mar-2013	Zone 3 - (Tidal Models)
215J	106.0	W	13-Mar-2013	Zone 3 - (Fluvial Models)
216	109.0	W	13-Mar-2013	Zone 3 - (Tidal Models)

217	141.0	N	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
218 AL	144.0	W	13-Mar-2013	Zone 3 - (Fluvial Models)
219	156.0	W	13-Mar-2013	Zone 3 - (Fluvial / Tidal Models)
220 K	160.0	E	13-Mar-2013	Zone 3 - (Fluvial Models)
221 AN	181.0	W	13-Mar-2013	Zone 3 - (Fluvial Models)
222 K	213.0	E	13-Mar-2013	Zone 3 - (Tidal Models)
223 K	216.0	E	13-Mar-2013	Zone 3 - (Fluvial Models)
224 K	217.0	E	13-Mar-2013	Zone 3 - (Tidal Models)
225 AO	222.0	N	13-Mar-2013	Zone 3 - (Fluvial Models)
226 AO	224.0	N	13-Mar-2013	Zone 3 - (Tidal Models)
227 AO	227.0	N	13-Mar-2013	Zone 3 - (Fluvial Models)
228 AP	230.0	N	13-Mar-2013	Zone 3 - (Tidal Models)
229 AN	233.0	W	13-Mar-2013	Zone 3 - (Tidal Models)

7.3 Flood Defences

Are there any Flood Defences within 250m of the study site ?

No

7.4 Areas benefiting from Flood Defences

Are there any areas benefiting from Flood Defences within 250m of the study site?

No

7.5 Areas used for Flood Storage

Are there any areas used for Flood Storage within 250m of the study site?

No

7.6 Groundwater Flooding Susceptibility Areas

Are there any British Geological Survey groundwater flooding susceptibility flood areas within 50m of the boundary of the study site?

Yes

What is the highest susceptibility to groundwater flooding in the search area based on the underlying geological conditions?

Very High

Guidance:

Where very high susceptibility is indicated, this means that given the geological conditions in the area groundwater flooding hazard should be considered in all land-use planning decisions. It is recommended that other relevant information e.g. records of previous incidence of groundwater flooding, rainfall, property type, and land drainage information be investigated in order to establish relative, but not absolute, risk of groundwater flooding.

7.7 Groundwater Flooding Confidence Areas

What is the British Geological Survey confidence rating in this result?

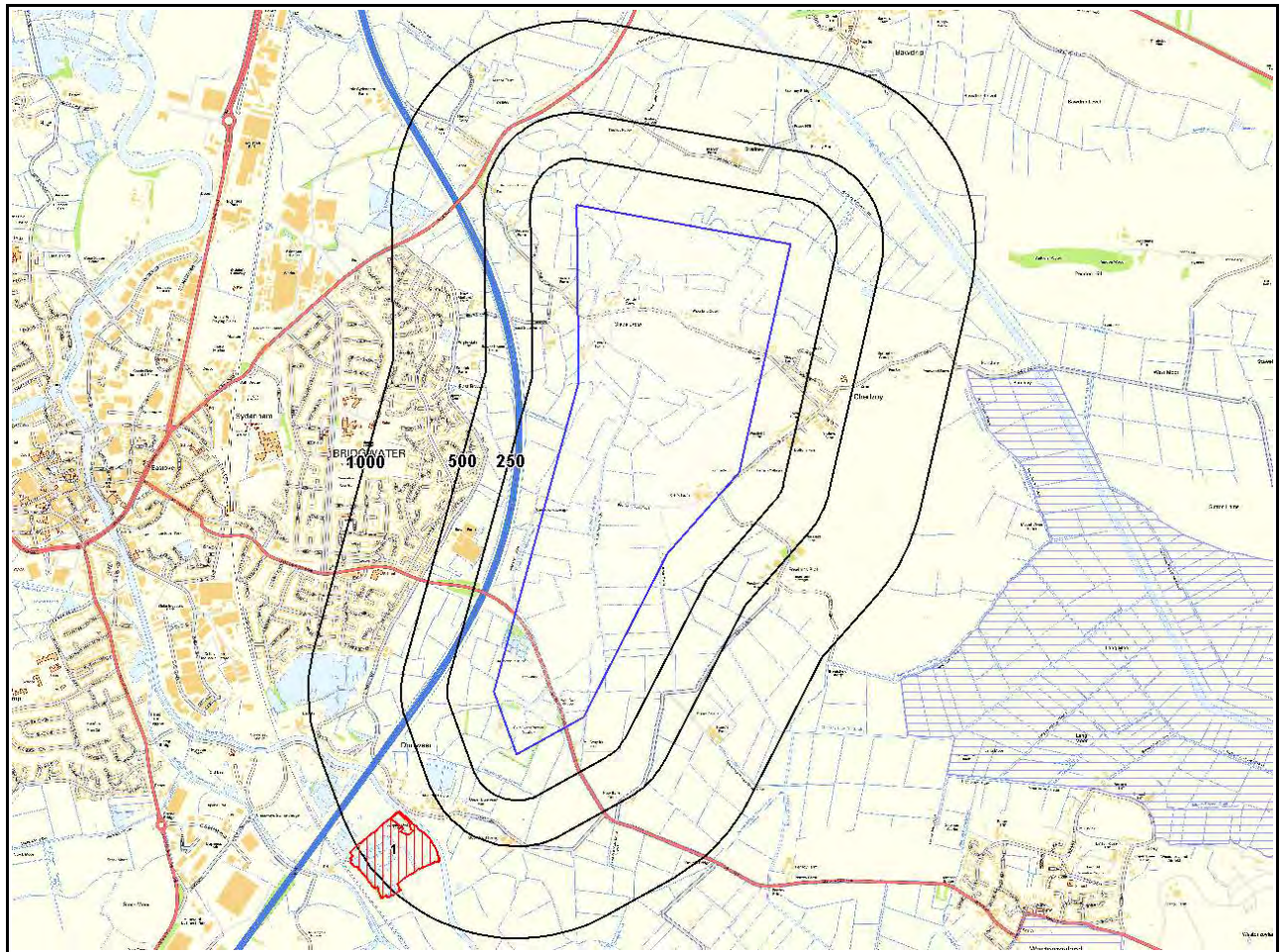
High

Notes:

Groundwater flooding is defined as the emergence of groundwater at the ground surface or the rising of groundwater into man-made ground under conditions where the normal range of groundwater levels is exceeded.

The **confidence rating** is on a threefold scale - Low, Moderate and High. This provides a relative indication of the BGS confidence in the accuracy of the susceptibility result for groundwater flooding. This is based on the amount and precision of the information used in the assessment. In areas with a relatively lower level of confidence the susceptibility result should be treated with more caution. In other areas with higher levels of confidence the susceptibility result can be used with more confidence.

8.Designated Environmentally Sensitive Sites Map



Designated Environmentally Sensitive Sites Legend

Mapping sourced from **OS Ordnance Survey**

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8.Designated Environmentally Sensitive Sites

Presence of Designated Environmentally Sensitive Sites within 2000m of the study site? **No**

Records of Sites of Special Scientific Interest (SSSI) within 2000m of the study site: **0**

Database searched and no data found.

Records of National Nature Reserves (NNR) within 2000m of the study site: **0**

Database searched and no data found.

Records of Special Areas of Conservation (SAC) within 2000m of the study site: **0**

Database searched and no data found.

Records of Special Protection Areas (SPA) within 2000m of the study site: **0**

Database searched and no data found.

Records of Ramsar sites within 2000m of the study site: **0**

Database searched and no data found.

Records of Local Nature Reserves (LNR) within 2000m of the study site: **1**

The following Local Nature Reserve (LNR) records provided by Natural England/Countryside Council for Wales and Scottish Natural Heritage are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance [m]	Direction	LNR Name	Data Source
1	656.0	SW	Screech Owl	Natural England

Records of World Heritage Sites within 2000m of the study site: **0**

Database searched and no data found.

Records of Environmentally Sensitive Areas within 2000m of the study site: **1**

The following Environmentally Sensitive Area records produced by DEFRA are represented as polygons on the Designated Environmentally Sensitive Sites Map:

ID	Distance [m]	Direction	ESA Name	Data Source
2	1079.0	E	Somerset Levels And Moors	Natural England

Records of Areas of Outstanding Natural Beauty (AONB) within 2000m of the study site: **0**

Database searched and no data found.

[Report Reference: HMD-441-912071](#)

Records of National Parks (NP) within 2000m of the study site:	0
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Database searched and no data found.

Records of Nitrate Sensitive Areas within 2000m of the study site:	0
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Database searched and no data found.

9. Additional Information

9.1 Mobile Phone Transmitter Locations

GroundSure's unique mobile phone transmitter database.

Have any mobile phone transmitters been identified within 250m of the study site?

No

Database searched and no data found.

9.2 Existing and potential OfCom Telecommunication Mast Locations

OfCom telecommunication base station and mast data, which details the height and proposed location of masts over 30 metres in height or with a power level exceeding 17dBW.

Have any OfCom telecommunication masts been identified within 250m of the study site?

Yes

The following records within 250m have been found within this search:

Distance [m]	Direction	OfCom Reference	Address	Approx. Mast Height (m)
83.0	W	U(P)1541	Somerset, Near Bridgwater, Bridgwater Bsp	30
93.0	W	X(P)1143	Somerset, Westonzoyland,	0

9.3 Pylons and Electricity Transmission Lines

Have any overhead transmission lines or pylons been identified in proximity to the study site?

Yes

The following records within 500m have been found within this search:

Distance [m]	Direction
0.0	On Site
0.0	On Site
0.0	On Site
11.0	SW
19.0	SE
61.0	W
87.0	W
87.0	W
90.0	W
111.0	W
116.0	W
338.0	SE
400.0	W

Guidance:Overhead power transmission lines and/or pylons have been identified in proximity to the study site. Overhead power transmission lines are known to emit electromagnetic fields (EMF). For further information on issues associated with transmission lines you may wish to contact the EMF Unit Public Information Line on 0845 7023270 or visit www.emfs.info. Guidance on electromagnetic fields resulting from transmission and distribution lines can also be found on the Health Protection Agency (HPA) website. GroundSure provide the data for information only and do not make any judgment on the risks or otherwise of EMFs. The database is searched up to 500m.

10. Natural Hazards Findings

10.1 Detailed BGS GeoSure Data

BGS GeoSure Data has been searched to 50m. The data is included in tabular format. If you require further information, please obtain a GroundSure Geology and Ground Stability Report. Available from our website. The following information has been found:

10.1.1 Shrink Swell

What is the maximum Shrink-Swell* hazard rating identified on the study site?

Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Ground conditions predominantly low plasticity. No special actions required to avoid problems due to shrink-swell clays. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with shrink-swell clays.

10.1.2 Landslides

What is the maximum Landslide* hazard rating identified on the study site?

Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Possibility of slope instability problems after major changes in ground conditions. Consideration should be given to stability if changes to drainage or excavations take place. Possible increase in construction cost to reduce potential slope stability problems. Existing property no significant increase in insurance risk due to natural slope instability problems.

10.1.3 Soluble Rocks

What is the maximum Soluble Rocks* hazard rating identified on the study site?

Null - Negligible

Soluble rocks are not present in the search area. No special actions required to avoid problems due to soluble rocks. No special ground investigation required, and increased construction costs or increased financial risks are unlikely due to potential problems with soluble rocks.

10.1.4 Compressible Ground

What is the maximum Compressible Ground* hazard rating identified on the study site?

Moderate

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard
Significant potential for compressibility problems. Avoid large differential loadings of ground. Do not drain or de-water ground near the property without technical advice. For new build consider possibility of compressible ground in ground investigation, construction and building design. Consider effects of groundwater changes. Extra construction costs are likely. For existing property possible increase in insurance risk from compressibility, especially if water conditions or loading of the ground change significantly.

10.1.5 Collapsible Rocks

What is the maximum Collapsible Rocks* hazard rating identified on the study site?

Very Low

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Deposits with potential to collapse when loaded and saturated are unlikely to be present. No special ground investigation required or increased construction costs or increased financial risk due to potential problems with collapsible deposits.

10.1.6 Running Sand

What is the maximum Running Sand* hazard rating identified on the study site?

Moderate

The following natural subsidence information provided by the British Geological Survey is not represented on mapping:

Hazard

Significant potential for running sand problems with relatively small changes in ground conditions. Avoid large amounts of water entering the ground (for example through pipe leakage or soak-aways). Do not dig (deep) holes into saturated ground near the property without technical advice. For new build consider the consequences of soil and groundwater conditions during and after construction. For existing property possible increase in insurance risk from running sand, for example, due to water leakage, high rainfall events or flooding.

* This indicates an automatically generated 50m buffer and site.

10.2 Radon

What is the maximum radon potential at the study site?

The property is in a Radon Affected Area, as between 1 and 3% of properties are above the Action Level

Is the property in an area where radon protection measures are required for new properties or extensions to existing ones as described in publication BR211 by the Building Research Establishment?

No radon protective measures are necessary

Guidance: The responses given on the level of radon protective measures required are based on a joint radon potential dataset from the Health Protection Agency (HPA) and the British Geological Survey (BGS). No radon protection measures are required.

11. Mining

11.1 Coal Mining

Are there any coal mining areas within 75m of the study site?

No

Database searched and no data found.

11.2 Shallow Mining

What is the hazard of subsidence relating to shallow mining on-site (including a 150m buffer)? Negligible

Guidance: Where negligible potential is indicated, this means that the rocks underlying the area are not likely to have been mined at shallow depth.

11.3 Brine Affected Areas

Are there any brine affected areas within 75m of the study site?

No

Guidance: No Guidance Required.

12. Contacts

GroundSure Helpline

Telephone: 08444 159 000
 info@4c.groundsure.com



British Geological Survey (England & Wales)

Kingsley Dunham Centre
 Keyworth, Nottingham NG12 5GG
 Tel: 0115 936 3143. Fax: 0115 936 3276. Email:
 enquiries@bgs.ac.uk
 Web: www.bgs.ac.uk
 BGS Geological Hazards Reports and general geological
 enquiries



Environment Agency

Tel: 08708 506 506
 Wessex
 Rivers Hse Bridgwater - East Quay, Bridgwater, TA6 4YS
 Web: www.environment-agency.gov.uk
 Email: enquiries@environment-agency.gov.uk



Health Protection Agency

Chilton, Didcot, Oxon, OX11 0RQ
 Tel: 01235 822622 www.hpa.org.uk/radiation
 Radon measures and general radon information and
 guidance



The Coal Authority

200 Lichfield Lane, Mansfield, Notts NG18 4RG
 Tel: 0845 762 6848
 DX 716176 Mansfield 5
 Web: www.groundstability.com



Ordnance Survey

Romsey Road
 Southampton SO16 4GU
 Tel: 08456 050505



Local Authority

Authority: Sedgemoor District Council
 Phone: 0845 408 2540
 Web: www.sedgemoor.gov.uk
 Address: Bridgwater House, King Square, Bridgwater, TA6
 3AR

Get Mapping PLC

Virginia Villas, High Street, Hartley Witney, Hampshire RG27
 8NW
 Tel: 01252 845444



CoPSO

The Old Rectory, Church Lane, Thornby, Northants NN6 8SN
 Tel: 0871 4237191
 (www.copso.org.uk)



Acknowledgements

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Search Code

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- sets out minimum standards which firms compiling and selling search reports have to meet
- promotes the best practice and quality standards within the industry for the benefit of consumers and property professionals
- enables consumers and property professionals to have confidence in firms which subscribe to the code, their products and services.

By giving you this information, the search firm is confirming that they keep to the principles of the Code. This provides important protection for you.

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- at all times maintain adequate and appropriate insurance to protect consumers
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- handle complaints speedily and fairly
- ensure that products and services comply with industry registration rules and standards and relevant laws
- monitor their compliance with the Code

COMPLAINTS

If you have a query or complaint about your search, you should raise it directly with the search firm, and if appropriate ask for any complaint to be considered under their formal internal complaints procedure. If you remain dissatisfied with the firm's final response, after your complaint has been formally considered, or if the firm has exceeded the response timescales, you may refer your complaint for consideration under The Property Ombudsman scheme (TPOs). The Ombudsman can award compensation of up to £5,000 to you if he finds that you have suffered actual loss as a result of your search provider failing to keep to the Code.

Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPOs or to the PCCB.

TPOs Contact Details:

The Property Ombudsman scheme
Milford House
43-55 Milford Street
Salisbury
Wiltshire SP1 2BP
Tel: 01722 333306
Fax: 01722 332296
Email: admin@tpos.co.uk

You can get more information about the PCCB from www.propertycodes.org.uk.

PLEASE ASK YOUR SEARCH PROVIDER IF YOU WOULD LIKE A COPY OF THE SEARCH CODE

COMPLAINTS PROCEDURE

If you want to make a complaint, we will:

- Acknowledge it within 5 working days of receipt.
- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt.
- Keep you informed by letter, telephone or e-mail, as you prefer, if we need more time.
- Provide a final response, in writing, at the latest within 40 working days of receipt.
- Liaise, at your request, with anyone acting formally on your behalf.

Complaints should be sent to: Operations Director, GroundSure Ltd, Lees House, 21 Dyke Road, Brighton, BN1 3FE.
Tel: 08444 159 000. Email: info@4C.groundsure.com

If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman scheme (TPOs): Tel: 01722 333306, E-mail: admin@tpos.co.uk.

We will co-operate fully with the Ombudsman during an investigation and comply with his final decision.

Standard Terms and Conditions

1 Definitions

In these terms and conditions unless the context otherwise requires:

“Beneficiary” means the person or entity for whose benefit the Client has obtained the Services.

“Client” means the party or parties entering into a Contract with GroundSure.

“Commercial” means any building or property which is not Residential.

“Confidential Information” means the contents of this Contract and all information received from the Client as a result of, or in connection with, this Contract other than

- (i) information which the Client can prove was rightfully in its possession prior to disclosure by GroundSure and
- (ii) any information which is in the public domain (other than by virtue of a breach of this Contract).

“Support Services” means Support Services provided by GroundSure including, without limitation, interpreting third party and in-house environmental data, providing environmental support advice, undertaking environmental audits and assessments, Site investigation, Site monitoring and related items.

“Contract” means the contract between GroundSure and the Client for the provision of the Services, and which shall incorporate these terms and conditions, the Order, and the relevant User Guide.

“Third Party Data Provider” means any third party providing Third Party Content to GroundSure.

“Data Reports” means reports comprising factual data with no accompanying interpretation.

“Fees” has the meaning set out in clause 5.1.

“GroundSure” means GroundSure Limited, a company registered in England and Wales under number 03421028.

“GroundSure Materials” means all materials prepared by GroundSure and provided as part of the Services, including but not limited to Third Party Content, Data Reports, Mapping, and Risk Screening Reports.

“Intellectual Property” means any patent, copyright, design rights, trade or service mark, moral rights, data protection rights, know-how or trade mark in each case whether registered or not and including applications for the same or any other rights of a similar nature anywhere in the world.

“Mapping” means a map, map data or a combination of historical maps of various ages, time periods and scales.

“Order” means an electronic, written or other order form submitted by the Client requesting Services from GroundSure in respect of a specified Site.

“Ordnance Survey” means the Secretary of State for Business, Innovation and Skills, acting through Ordnance Survey, Adanac Drive, Southampton, SO16 0AS, UK.

“Order Website” means the online platform through which Orders may be placed by the Client and accepted by GroundSure.

“Report” means a Risk Screening Report or Data Report for Commercial or Residential property.

“Residential” means any building or property used as or intended to be used as a single dwelling.

“Risk Screening Report” means a risk screening report comprising factual data with an accompanying interpretation by GroundSure.

“Services” means any Report, Mapping and/or Support Services which GroundSure has agreed to provide by accepting an Order pursuant to clause 2.6.

“Site” means the area of land in respect of which the Client has requested GroundSure to provide the Services.

“Third Party Content” means data, database information or other information which is provided to GroundSure by a Third Party Data Provider.

“User Guide” means the user guide, as amended from time to time, available upon request from GroundSure and on the website (www.groundsure.com) and forming part of this Contract.

2 Scope of Services, terms and conditions, requests for insurance and quotations

2.1 GroundSure agrees to provide the Services in accordance with the Contract.

2.2 GroundSure shall exercise reasonable skill and care in the provision of the Services.

2.3 Subject to clause 7.3 the Client acknowledges that it has not relied on any statement or representation made by or on behalf of GroundSure which is not set out and expressly agreed in writing in the Contract and all such statements and representations are hereby excluded to the fullest extent permitted by law.

2.4 The Client acknowledges that terms and conditions appearing on a Client's order form, printed stationery or other communication, or any terms or conditions implied by custom, practice or course of dealing shall be of no effect, and that this Contract shall prevail over all others in relation to the Order.

2.5 If the Client or Beneficiary requests insurance in conjunction with or as a result of the Services, GroundSure shall use reasonable endeavours to recommend such insurance, but makes no warranty that such insurance shall be available from insurers or that it will be offered on reasonable terms. Any insurance purchased by the Client or Beneficiary shall be subject solely to the terms of the policy issued by insurers and GroundSure will have no liability therefor. In addition you acknowledge and agree that GroundSure does not act as an agent or broker for any insurance providers. The Client should take (and ensure that the Beneficiary takes) independent advice to ensure that the insurance policy requested or offered is suitable for its requirements.

2.6 GroundSure's quotations or proposals are valid for a period of 30 days only unless an alternative period of time is explicitly stipulated by GroundSure. GroundSure reserves the right to withdraw any quotation or proposal at any time before an Order is accepted by GroundSure. GroundSure's acceptance of an Order shall be binding only when made in writing and signed by GroundSure's authorised representative or when accepted through the Order Website.

3 The Client's obligations

3.1 The Client shall comply with the terms of this Contract and

(i) procure that the Beneficiary or any third party relying on the Services complies with and acts as if it is bound by the Contract and

(ii) be liable to GroundSure for the acts and omissions of the Beneficiary or any third party relying on the Services as if such acts and omissions were those of the Client.

3.2 The Client shall be solely responsible for ensuring that the Services are appropriate and suitable for its and/or the Beneficiary's needs.

3.3 The Client shall supply to GroundSure as soon as practicable and without charge all requisite information (and the Client warrants that such information is accurate, complete and appropriate), including without limitation any environmental information relating to the Site and shall give such assistance as GroundSure shall reasonably require in the provision of the Services including, without limitation, access to the Site, facilities and equipment.

3.4 Where the Client's approval or decision is required to enable GroundSure to carry out work in order to provide the Services, such approval or decision shall be given or procured in reasonable time and so as not to delay or disrupt the performance of the Services.

3.5 Save as expressly permitted by this Contract the Client shall not, and shall procure that the Beneficiary shall not, re-sell, alter, add to, or amend the GroundSure Materials, or use the GroundSure Materials in a manner for which they were not intended. The Client may make the GroundSure Materials available to a third party who is considering acquiring some or all of, or providing funding in relation to, the Site, but such third party cannot rely on the same unless expressly permitted under clause 4.

3.6 The Client is responsible for maintaining the confidentiality of its user name and password if using the Order Website and the Client acknowledges that GroundSure accepts no liability of any kind for any loss or damage suffered by the Client as a consequence of using the Order Website.

4 Reliance

4.1 The Client acknowledges that the Services provided by GroundSure consist of the presentation and analysis of Third Party Content and other content and that information obtained from a Third Party Data Provider cannot be guaranteed or warranted by GroundSure to be reliable.

4.2 In respect of Data Reports, Mapping and Risk Screening Reports, the following classes of person and no other are entitled to rely on their contents;

- (i) the Beneficiary,
- (ii) the Beneficiary's professional advisers, (iii) any person providing funding to the Beneficiary in relation to the Site (whether directly or as part of a lending syndicate),
- (iv) the first purchaser or first tenant of the Site, and
- (v) the professional advisers and lenders of the first purchaser or tenant of the Site.

4.3 In respect of Support Services, only the Client, Beneficiary and parties expressly named in a Report and no other parties are entitled to rely on its contents.

4.4 Save as set out in clauses 4.2 and 4.3 and unless otherwise expressly agreed in writing, no other person or entity of any kind is entitled to rely on any Services or Report issued or provided by GroundSure. Any party considering such Reports and Services does so at their own risk.

5 Fees and Disbursements

5.1 GroundSure shall charge and the Client shall pay fees at the rate and frequency specified in the written proposal, Order Website or Order acknowledgement form, plus (in the case of Support Services) all proper disbursements incurred by GroundSure. The Client shall in addition pay all value added tax or other tax payable on such fees and disbursements in relation to the provision of the Services (together "Fees").

5.2 The Client shall pay all outstanding Fees to GroundSure in full without deduction, counterclaim or set off within 30 days of the date of GroundSure's invoice or such other period as may be agreed in writing between GroundSure and the Client ("Payment Date"). Interest on late payments will accrue on a daily basis from the Payment Date until the date of payment (whether before or after judgment) at the rate of 8% per annum.

5.3 The Client shall be deemed to have agreed the amount of any invoice unless an objection is made in writing within 28 days of the date of the invoice. As soon as reasonably practicable after being notified of an objection, without prejudice to clause 5.2 a member of GroundSure's management team will contact the Client and the parties shall then use all reasonable endeavours to resolve the dispute within 15 days.

6 Intellectual Property and Confidentiality

6.1 Subject to

- (i) full payment of all relevant Fees and
- (ii) compliance with this Contract, the Client is granted (and is permitted to sub-licence to the Beneficiary) a royalty-free, worldwide, non-assignable and (save to the extent set out in this Contract) non-transferable licence to make use of the GroundSure Materials.

6.2 All Intellectual Property in the GroundSure Materials are and shall remain owned by GroundSure or GroundSure's licensors (including without limitation the Third Party Data Providers) the Client acknowledges, and shall procure acknowledgement by the Beneficiary of, such ownership. Nothing in this Contract purports to transfer or assign any rights to the Client or the Beneficiary in respect of such Intellectual Property.

6.3 Third Party Data Providers may enforce any breach of clauses 6.1 and 6.2 against the Client or Beneficiary.

6.4 The Client shall, and shall procure that any recipients of the GroundSure Materials shall:

- (i) not remove, suppress or modify any trade mark, copyright or other proprietary marking belonging to GroundSure or any third party from the Services;
- (ii) use the information obtained as part of the Services in respect of the subject Site only, and shall not store or reuse any information obtained as part of the Services provided in respect of adjacent or nearby sites;
- (iii) not create any product or report which is derived directly or indirectly from the Services (save that those acting in a professional capacity to the Beneficiary may provide advice based upon the Services);
- (iv) not combine the Services with or incorporate such Services into any other information data or service;

(v) not reformat or otherwise change (whether by modification, addition or enhancement), the Services (save that those acting for the Beneficiary in a professional capacity shall not be in breach of this clause 6.4(v) where such reformatting is in the normal course of providing advice based upon the Services);

(vi) where a Report and/or Mapping contains material belonging to Ordnance Survey, acknowledge and agree that such content is protected by Crown Copyright and shall not use such content for any purpose outside of receiving the Services; and

(vii) not copy in whole or in part by any means any map prints or run-on copies containing content belonging to Ordnance Survey (other than that contained within Ordnance Survey's OS Street Map) without first being in possession of a valid Paper Map Copying Licence from Ordnance Survey,

6.5 Notwithstanding clause 6.4, the Client may make reasonable use of the GroundSure Materials in order to advise the Beneficiary in a professional capacity. However, GroundSure shall have no liability in respect of any advice, opinion or report given or provided to Beneficiaries by the Client.

6.6 The Client shall procure that any person to whom the Services are made available shall notify GroundSure of any request or requirement to disclose, publish or disseminate any information contained in the Services in accordance with the Freedom of Information Act 2000, the Environmental Information Regulations 2004 or any associated legislation or regulations in force from time to time.

7. Liability: Particular Attention Should Be Paid To This Clause

7.1 This Clause 7 sets out the entire liability of GroundSure, including any liability for the acts or omissions of its employees, agents, consultants, subcontractors and Third Party Content, in respect of:

- (i) any breach of contract, including any deliberate breach of the Contract by GroundSure or its employees, agents or subcontractors;
- (ii) any use made of the Reports, Services, Materials or any part of them; and
- (iii) any representation, statement or tortious act or omission (including negligence) arising under or in connection with the Contract.

7.2 All warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by law, excluded from the Contract.

7.3 Nothing in the Contract limits or excludes the liability of the Supplier for death or personal injury resulting from negligence, or for any damage or liability incurred by the Client or Beneficiary as a result of fraud or fraudulent misrepresentation.

7.4 GroundSure shall not be liable for

- (i) loss of profits;
- (ii) loss of business;
- (iii) depletion of goodwill and/or similar losses;
- (iv) loss of anticipated savings;
- (v) loss of goods;
- (vi) loss of contract;
- (vii) loss of use;
- (viii) loss or corruption of data or information;
- (ix) business interruption;
- (x) any kind of special, indirect, consequential or pure economic loss, costs, damages, charges or expenses;
- (xi) loss or damage that arise as a result of the use of all or part of the GroundSure Materials in breach of the Contract;
- (xii) loss or damage arising as a result of any error, omission or inaccuracy in any part of the GroundSure Materials where such error, omission or inaccuracy is caused by any Third Party Content or any reasonable interpretation of Third Party Content;
- (xiii) loss or damage to a computer, software, modem, telephone or other property; and
- (xiv) loss or damage caused by a delay or loss of use of GroundSure's internet ordering service.

7.5 GroundSure's total liability in relation to or under the Contract shall be limited to £10 million for any claim or claims.

7.6 GroundSure shall procure that the Beneficiary shall be bound by limitations and exclusions of liability in favour of GroundSure which accord with those detailed in clauses 7.4 and 7.5 (subject to clause 7.3) in respect of all claims which the Beneficiary may bring against GroundSure in relation to the Services or other matters arising pursuant to the Contract.

8 GroundSure's right to suspend or terminate

8.1 If GroundSure reasonably believes that the Client or Beneficiary has not provided the information or assistance required to enable the proper provision of the Services, GroundSure shall be entitled to suspend all further performance of the Services until such time as any such deficiency has been made good.

8.2 GroundSure shall be entitled to terminate the Contract immediately on written notice in the event that:

(i) the Client fails to pay any sum due to GroundSure within 30 days of the Payment Date; or

(ii) the Client (being an individual) has a bankruptcy order made against him or (being a company) shall enter into liquidation whether compulsory or voluntary or have an administration order made against it or if a receiver shall be appointed over the whole or any part of its property assets or undertaking or if the Client is struck off the Register of Companies or dissolved; or

(iii) the Client being a company is unable to pay its debts within the meaning of Section 123 of the Insolvency Act 1986 or being an individual appears unable to pay his debts within the meaning of Section 268 of the Insolvency Act 1986 or if the Client shall enter into a composition or arrangement with the Client's creditors or shall suffer distress or execution to be levied on his goods; or

(iv) the Client or the Beneficiary breaches any term of the Contract (including, but not limited to, the obligations in clause 4) which is incapable of remedy or if remediable, is not remedied within five days of notice of the breach.

9. Client's Right to Terminate and Suspend

9.1 Subject to clause 10.1, the Client may at any time upon written notice terminate or suspend the provision of all or any of the Services.

9.2 In any event, where the Client is a consumer (and not a business) he/she hereby expressly acknowledges and agrees that:

(i) the supply of Services under this Contract (and therefore the performance of this Contract) commences immediately upon GroundSure's acceptance of the Order; and

(ii) the Reports and/or Mapping provided under this Contract are

- (a) supplied to the Client's specification(s) and in any event
- (b) by their nature cannot be returned.

10 Consequences of Withdrawal, Termination or Suspension

10.1 Upon termination of the Contract:

(i) GroundSure shall take steps to bring to an end the Services in an orderly manner, vacate any Site with all reasonable speed and shall deliver to the Client and/or Beneficiary any property of the Client and/or Beneficiary in GroundSure's possession or control; and

(ii) the Client shall pay to GroundSure all and any Fees payable in respect of the performance of the Services up to the date of termination or suspension. In respect of any Support Services provided, the Client shall also pay GroundSure any additional costs incurred in relation to the termination or suspension of the Contract. 11 Anti-Bribery

11.1 The Client warrants that it shall:

(i) comply with all applicable laws, statutes and regulations relating to anti-bribery and anti-corruption including but not limited to the Bribery Act 2010;

(ii) comply with such of GroundSure's anti-bribery and anti-corruption policies as are notified to the Client from time to time; and

(iii) promptly report to GroundSure any request or demand for any undue financial or other advantage of any kind received by or on behalf of the Client in connection with the performance of this Contract.

11.2 Breach of this Clause 11 shall be deemed a material breach of this Contract.

12 General

12.1 The Mapping contained in the Services is protected by Crown copyright and must not be used for any purpose other than as part of the Services or as specifically provided in the Contract.

12.2 The Client shall be permitted to make one copy only of each Report or Mapping Order. Thereafter the Client shall be entitled to make unlimited copies of the Report or Mapping Order only in accordance with an Ordnance Survey paper map copy license available through GroundSure.

12.3 GroundSure reserves the right to amend or vary this Contract. No amendment or variation to this Contract shall be valid unless signed by an authorised representative of GroundSure.

12.4 No failure on the part of GroundSure to exercise, and no delay in exercising, any right, power or provision under this Contract shall operate as a waiver thereof.

12.5 Save as expressly provided in this Contract, no person other than the persons set out therein shall have any right under the Contract (Rights of Third Parties) Act 1999 to enforce any terms of the Contract.

12.6 The Secretary of State for Business, Innovation and Skills ("BIS") or BIS' successor body, as the case may be, acting through Ordnance Survey may enforce a breach of clause 6.4(vi) and clause 6.4(vii) of these terms and conditions against the Client in accordance with the provisions of the Contracts (Rights of Third Parties) Act 1999.

12.7 GroundSure shall not be liable to the Client if the provision of the Services is delayed or prevented by one or more of the following circumstances:

(i) the Client or Beneficiary's failure to provide facilities, access or information;

(ii) fire, storm, flood, tempest or epidemic;

(iii) Acts of God or the public enemy;

(iv) riot, civil commotion or war;

(v) strikes, labour disputes or industrial action;

(vi) acts or regulations of any governmental or other agency;

(vii) suspension or delay of services at public registries by Third Party Data Providers;

(viii) changes in law; or

(ix) any other reason beyond GroundSure's reasonable control.

In the event that GroundSure is prevented from performing the Services (or any part thereof) in accordance with this clause 12.6 for a period of not less than 30 days then GroundSure shall be entitled to terminate this Contract immediately on written notice to the Client.

12.8 Any notice provided shall be in writing and shall be deemed to be properly given if delivered by hand or sent by first class post, facsimile or by email to the address, facsimile number or email address of the relevant party as may have been notified by each party to the other for such purpose or in the absence of such notification the last known address.

12.9 Such notice shall be deemed to have been received on the day of delivery if delivered by hand, facsimile or email (save to the extent such day is not a working day where it shall be deemed to have been delivered on the next working day) and on the second working day after the day of posting if sent by first class post.

12.10 The Contract constitutes the entire agreement between the parties and shall supersede all previous arrangements between the parties relating to the subject matter hereof.

12.11 Each of the provisions of the Contract is severable and distinct from the others and if one or more provisions is or should become invalid, illegal or unenforceable, the validity and enforceability of the remaining provisions shall not in any way be tainted or impaired.

12.12 This Contract shall be governed by and construed in accordance with English law and any proceedings arising out of or connected with this Contract shall be subject to the exclusive jurisdiction of the English courts.

12.13 GroundSure is an executive member of the Council of Property Search Organisation (CoPSO) and has signed up to the Search Code administered by the Property Codes Compliance Board (PCCB). All Risk Screening Reports shall be supplied in accordance with the provisions of the Search Code.

12.14 If the Client or Beneficiary has a complaint about the Services, written notice should be given to the Compliance Officer at GroundSure who will respond in a timely manner.

12.15 The Client agrees that it shall, and shall procure that each Beneficiary shall, treat in confidence all Confidential Information and shall not, and shall procure that each Beneficiary shall not (i) disclose any Confidential Information to any third party other than in accordance with the terms of this Contract; and (ii) use Confidential Information for a purpose other than the exercise of its rights and obligations under this Contract. Subject to clause 6.6, nothing shall prevent the Client or any Beneficiary from disclosing Confidential Information to the extent required by law.

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Site Details:

Hinkley Project

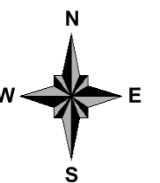
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Report Ref: HMD-278-816308_1_LS_D7
Grid Ref: 333719, 138586

Map Name: National Grid

Map date: 1994

Scale: 1:2,500

Printed at: 1:2,500



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 Edition N/A
 Copyright 1994
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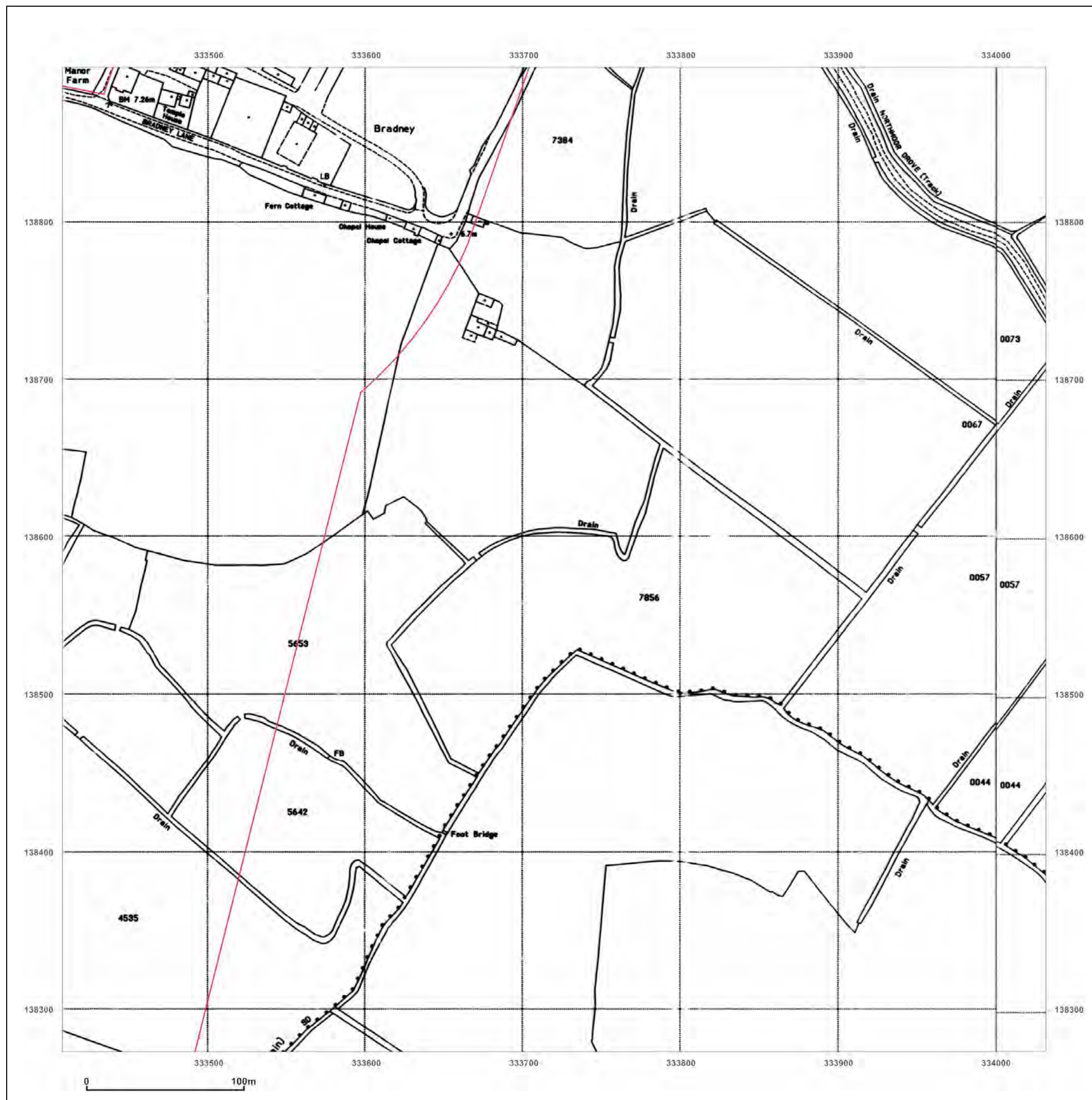


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D7
Grid Ref: 333719, 138586

Map Name: National Grid

Map date: 1968

Scale: 1:2,500

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 Edition N/A
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 Levelled 1961

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 Edition N/A
 Copyright 1969
 Levelled 1961

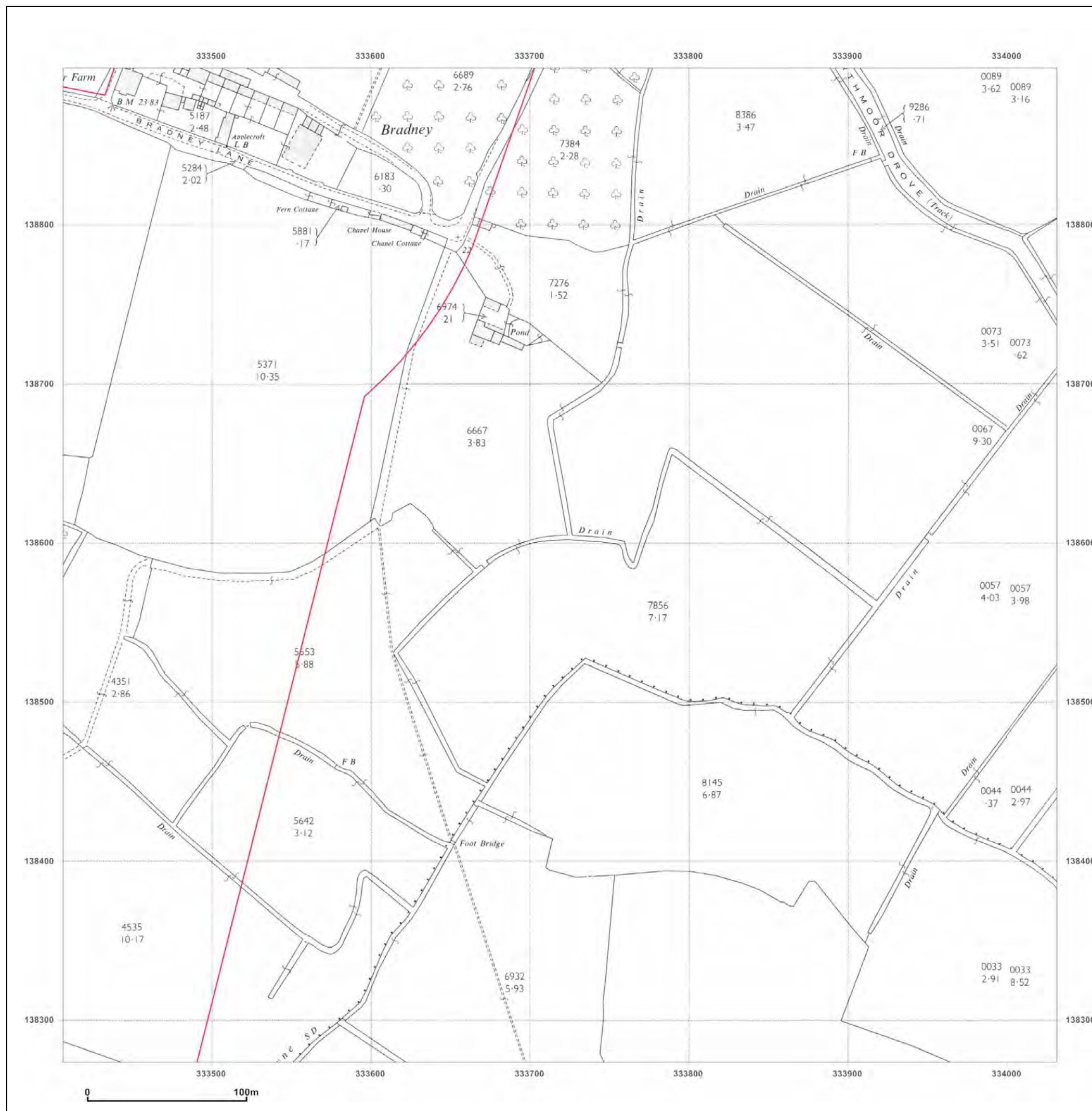


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D7
Grid Ref: 333719, 138586

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



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 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

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 Edition N/A
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 Levelled N/A

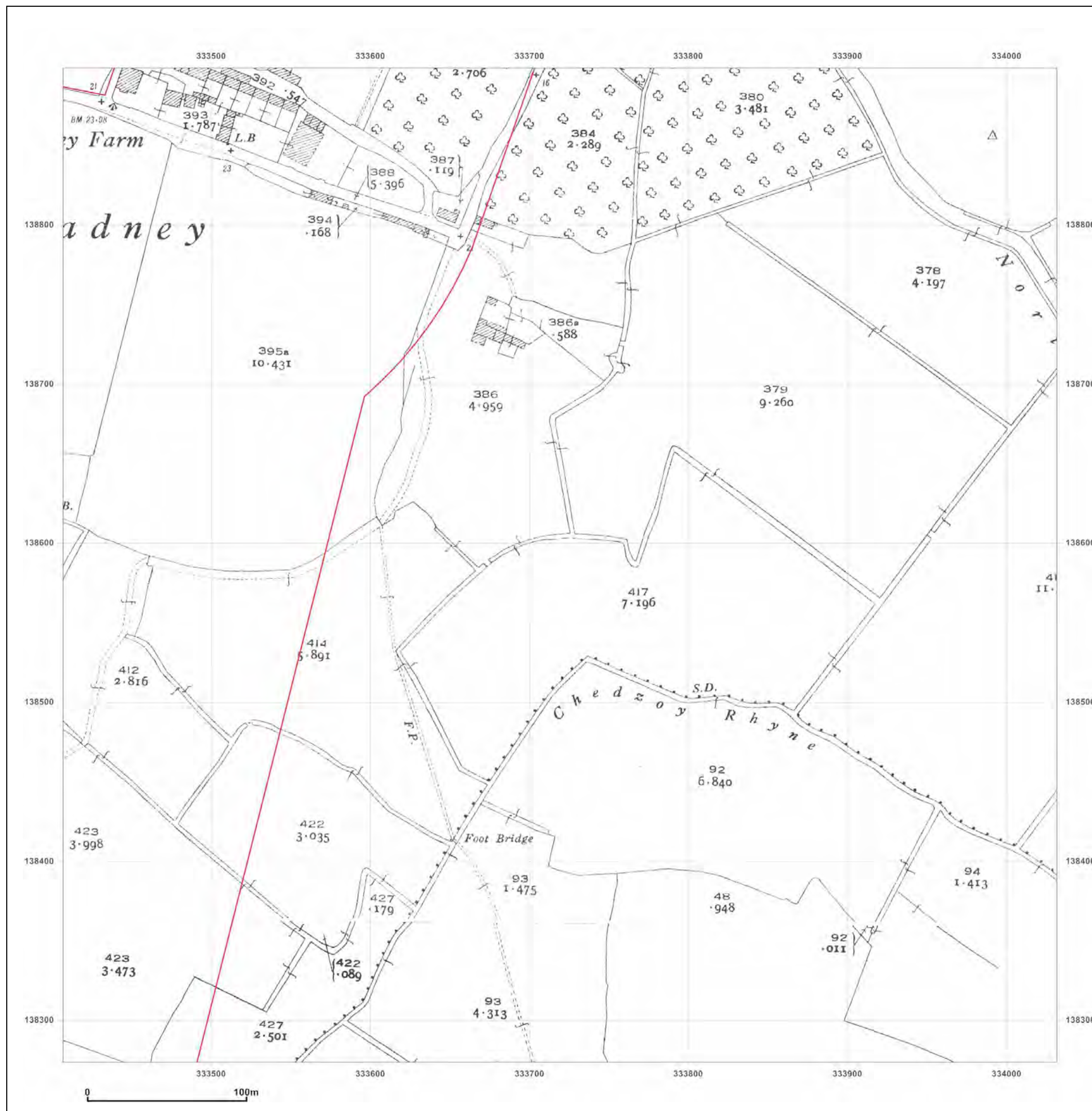


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D7
Grid Ref: 333719, 138586

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



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 Edition N/A
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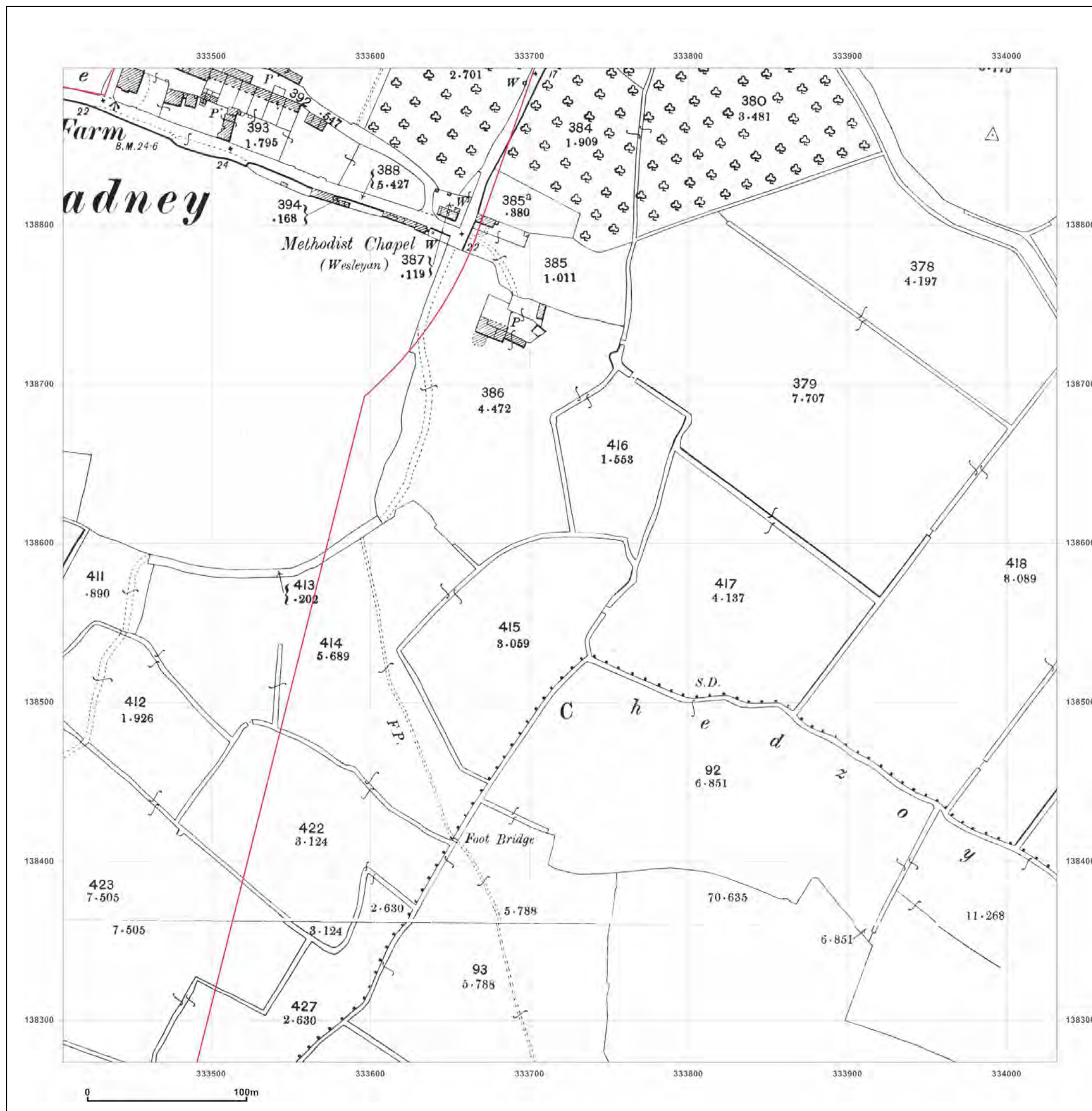


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D7
Grid Ref: 333719, 138586

Map Name: County Series

Map date: 1888-1889

Scale: 1:2,500

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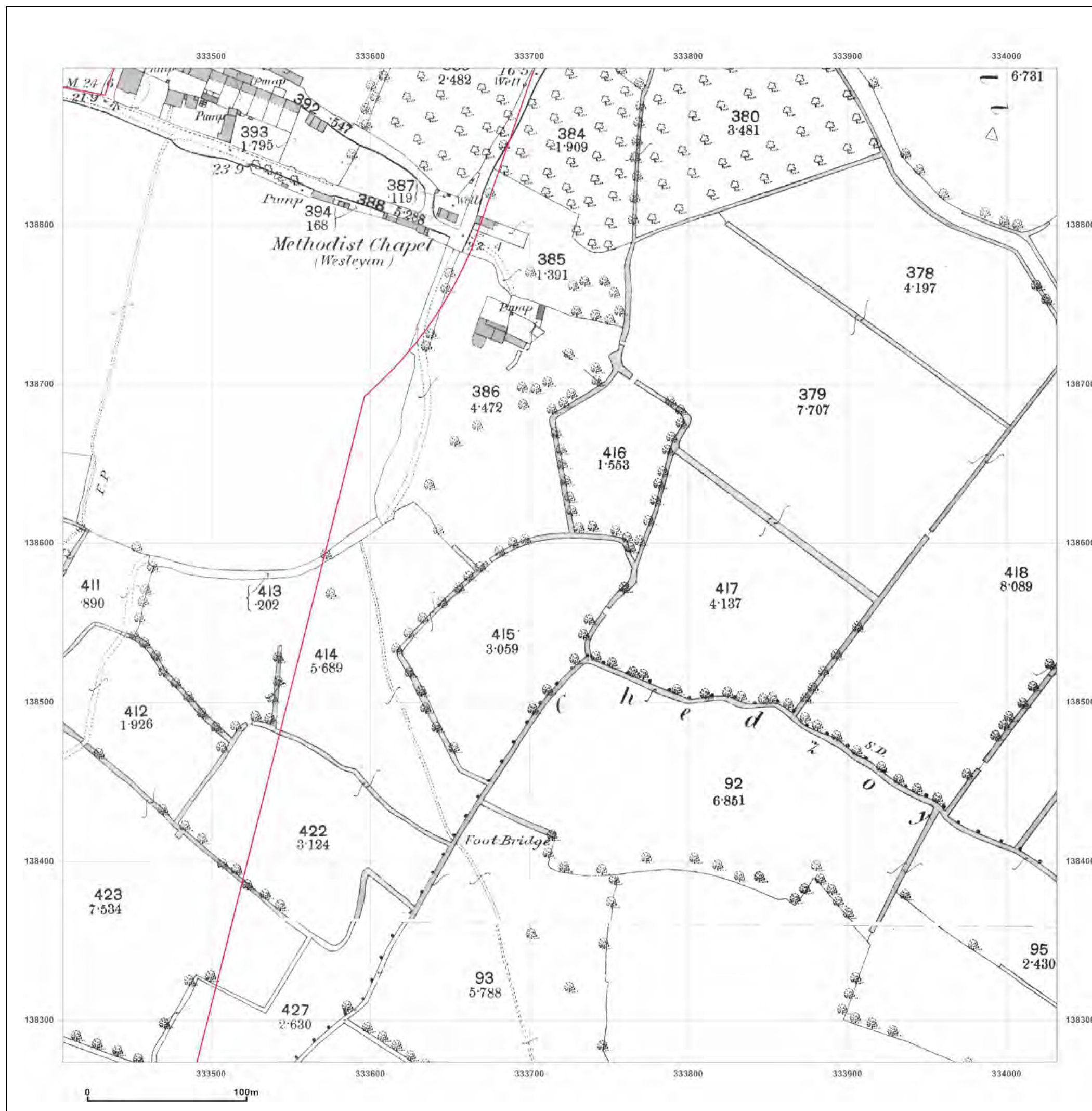


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D6
Grid Ref: 333341, 139185

Map Name: National Grid

Map date: 1994

Scale: 1:2,500

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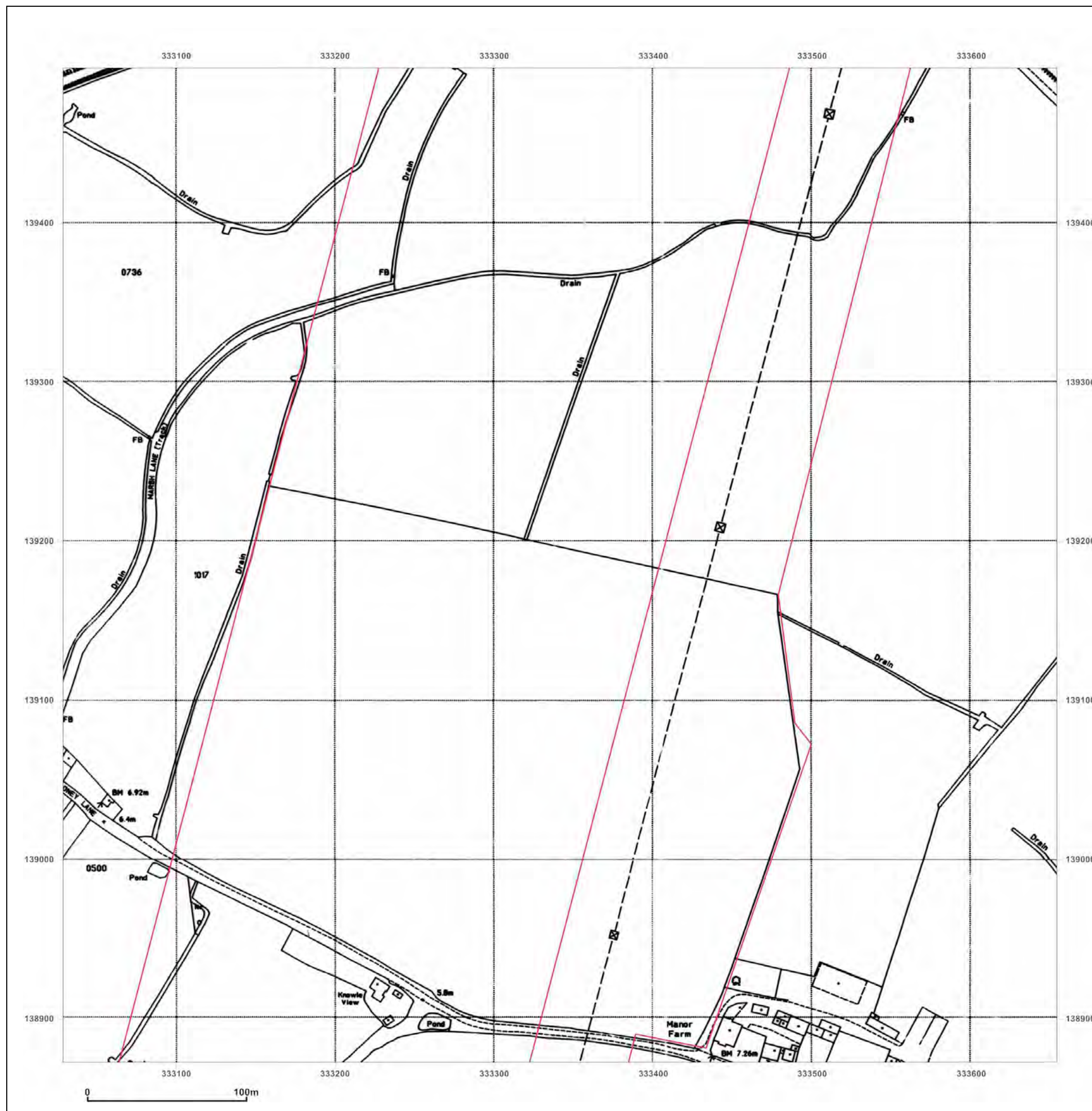


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Site Details:

Hinkley Project

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Report Ref: HMD-278-816308_1_LS_D6
Grid Ref: 333341, 139185

Map Name: National Grid

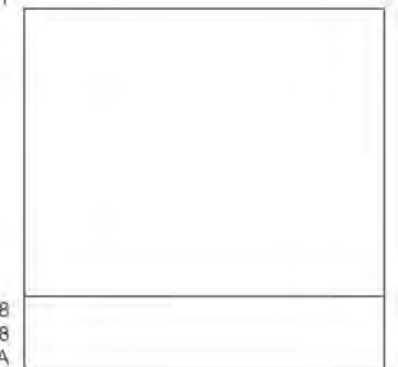
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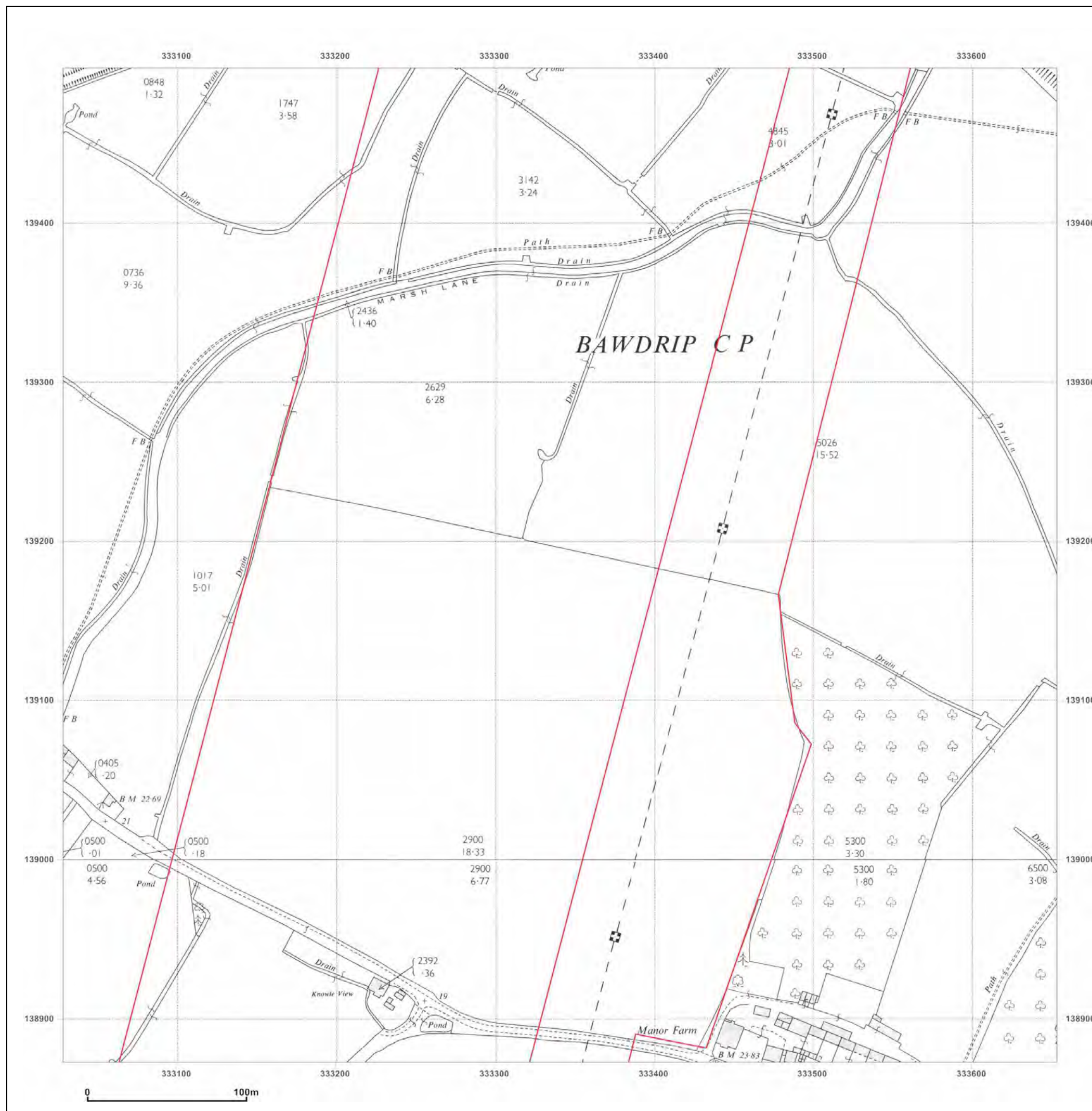


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D6
Grid Ref: 333341, 139185

Map Name: National Grid

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Scale: 1:2,500

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Surveyed 1961
 Revised 1968
 Edition N/A
 Copyright 1968
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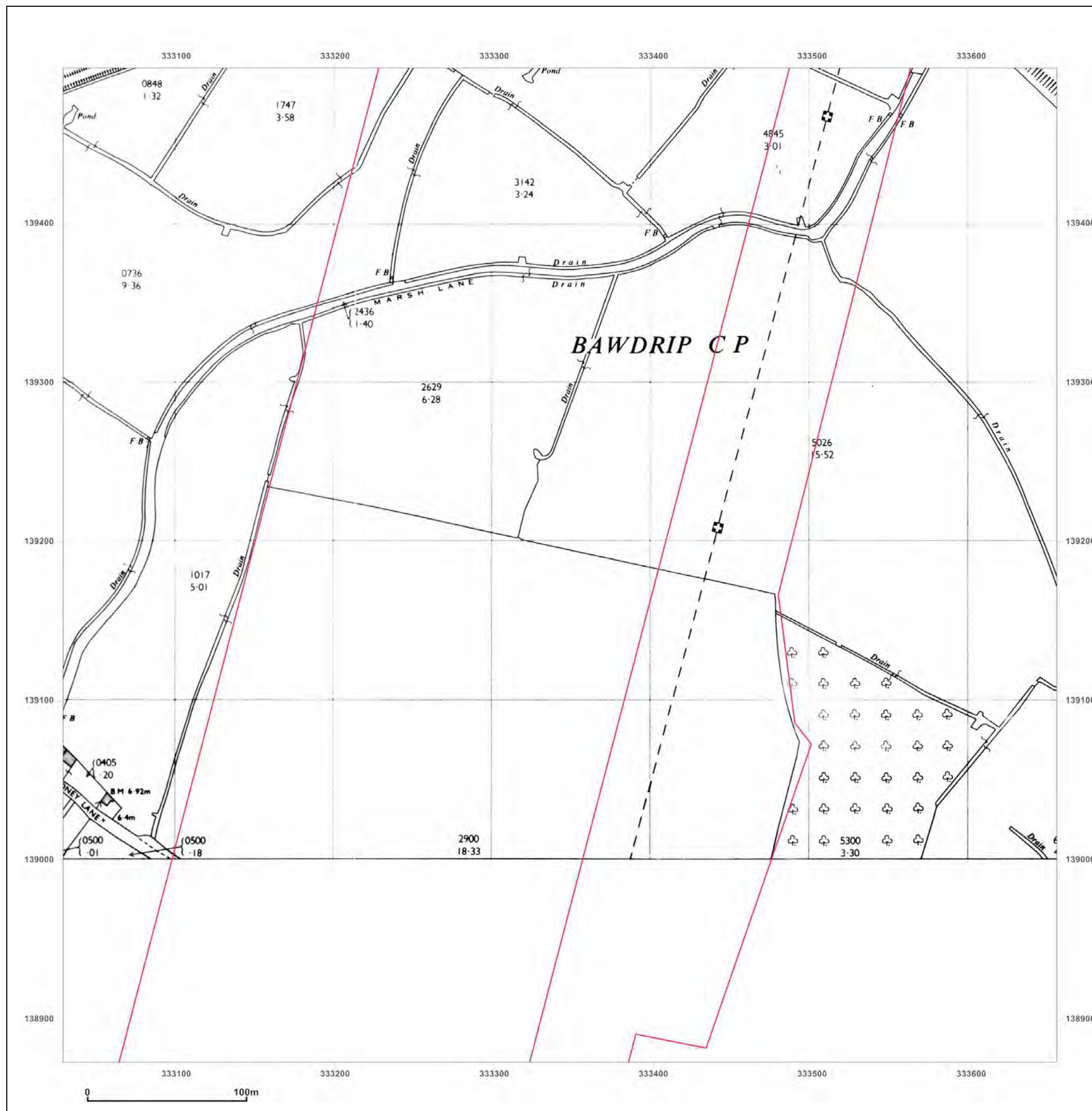


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D6
Grid Ref: 333341, 139185

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



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 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

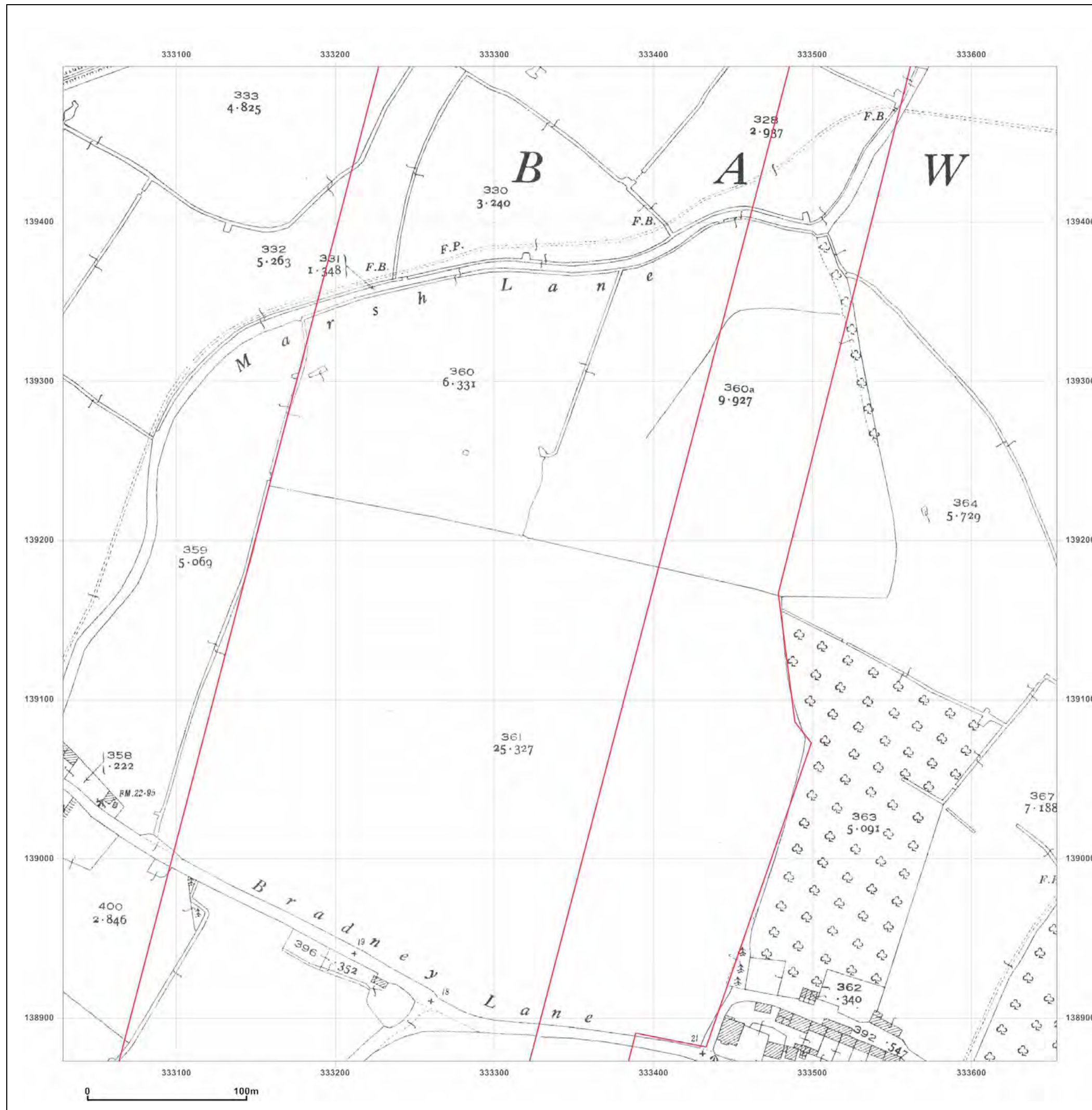


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Site Details:

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Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D6
Grid Ref: 333341, 139185

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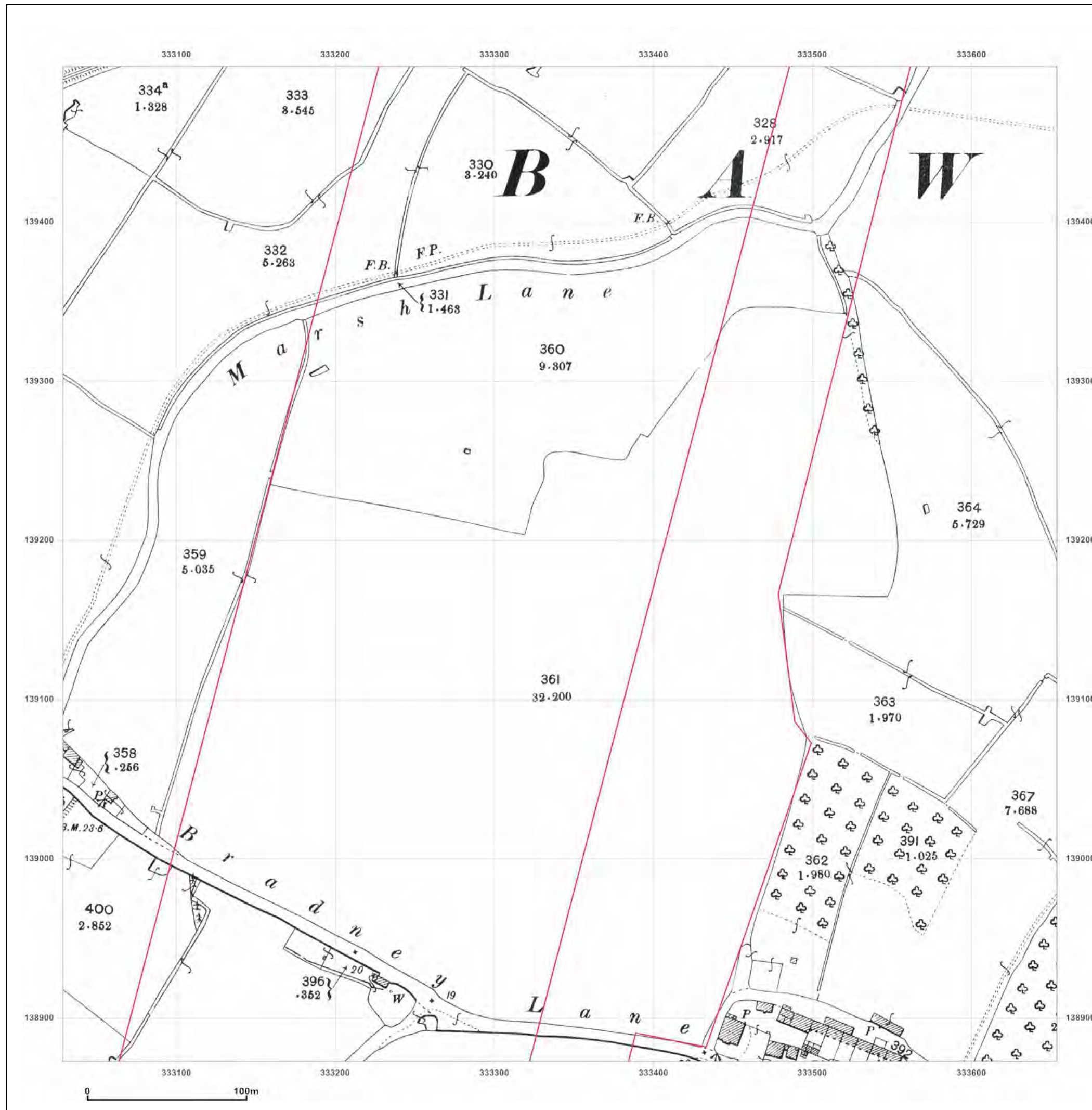


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Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D6
Grid Ref: 333341, 139185

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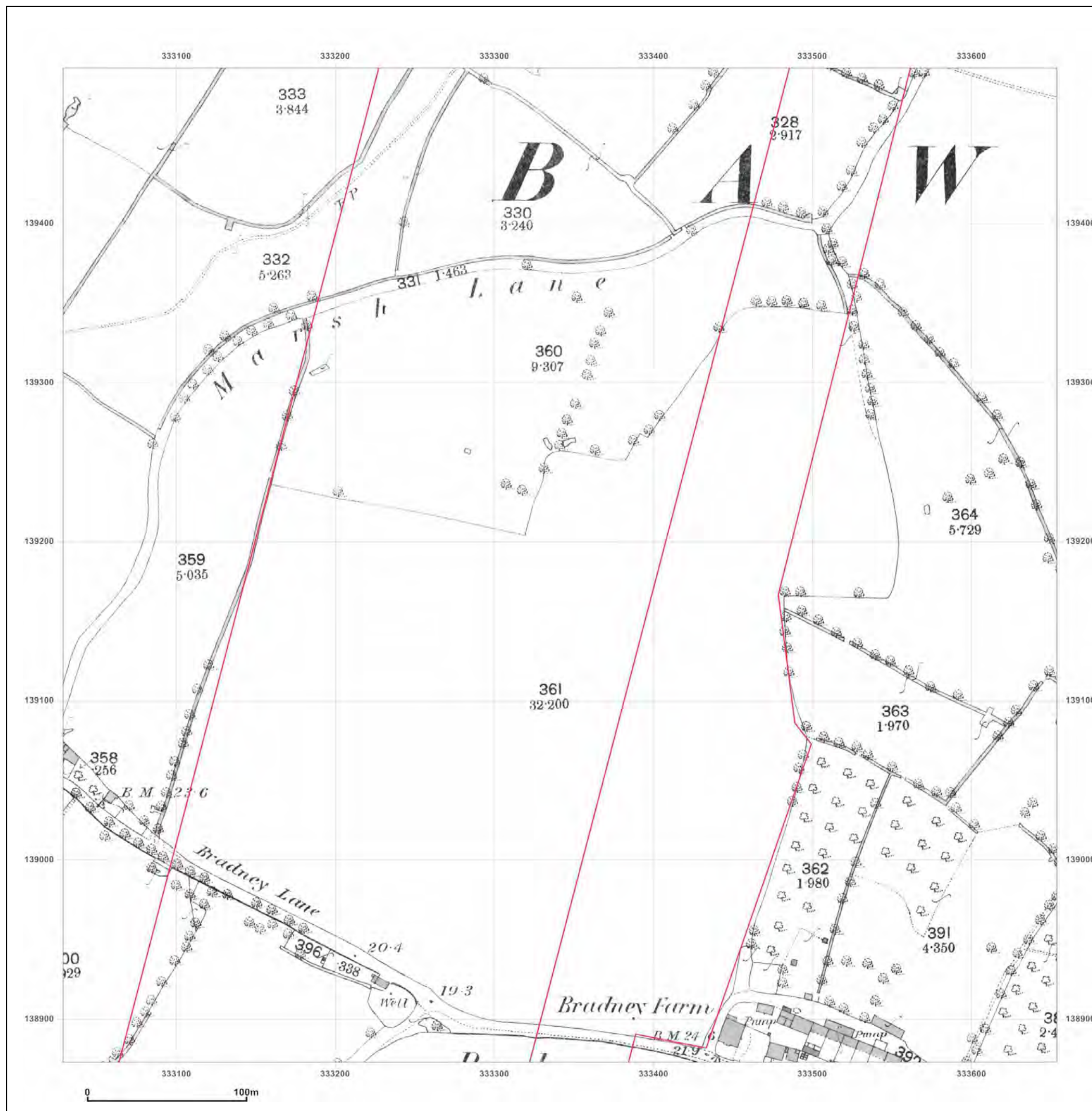


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D5
Grid Ref: 333341, 139785

Map Name: National Grid

Map date: 1994-1995

Scale: 1:2,500

Printed at: 1:2,500



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 Edition N/A
 Copyright 1995
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

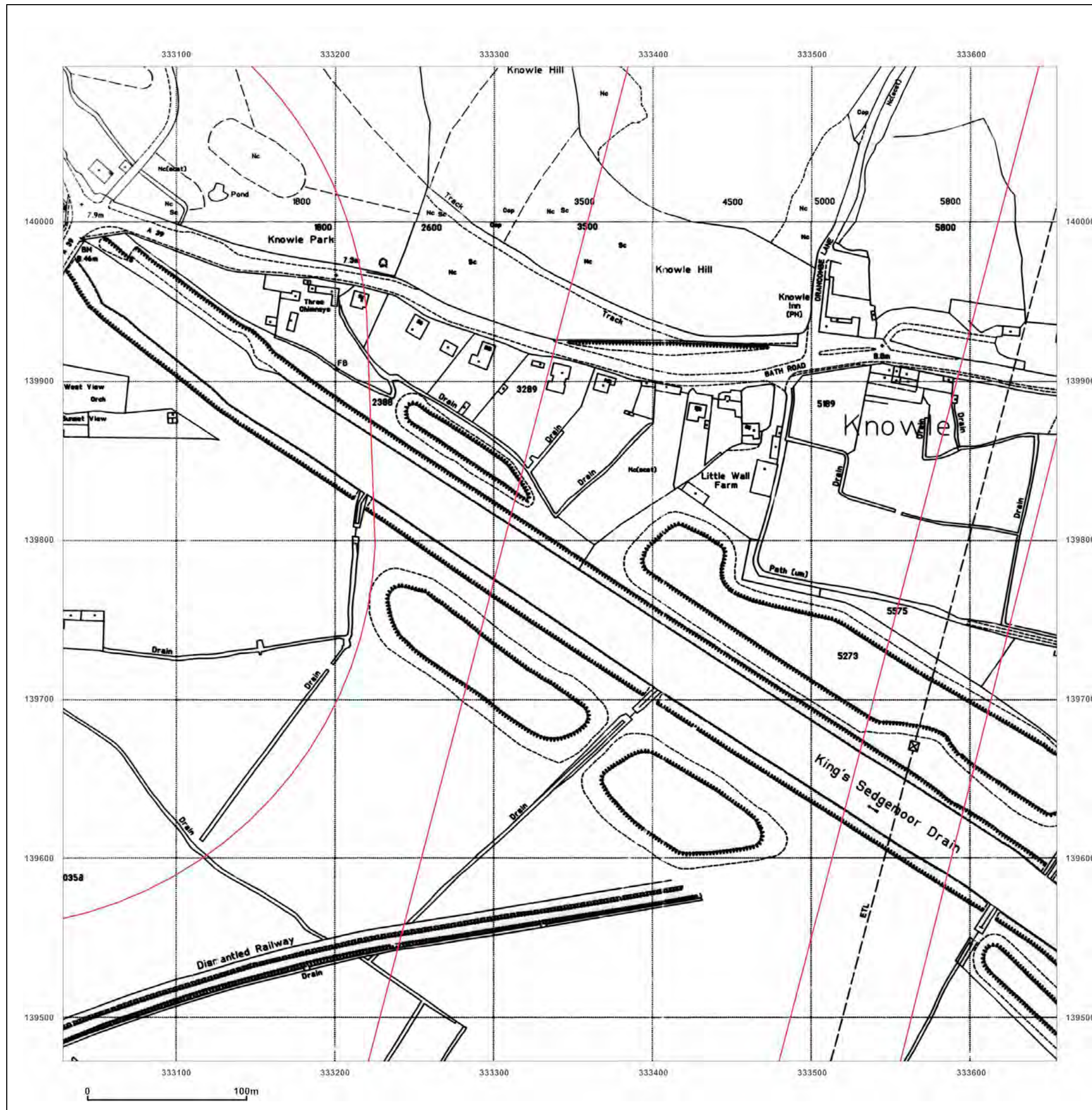


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D5
Grid Ref: 333341, 139785

Map Name: National Grid

Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1970
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

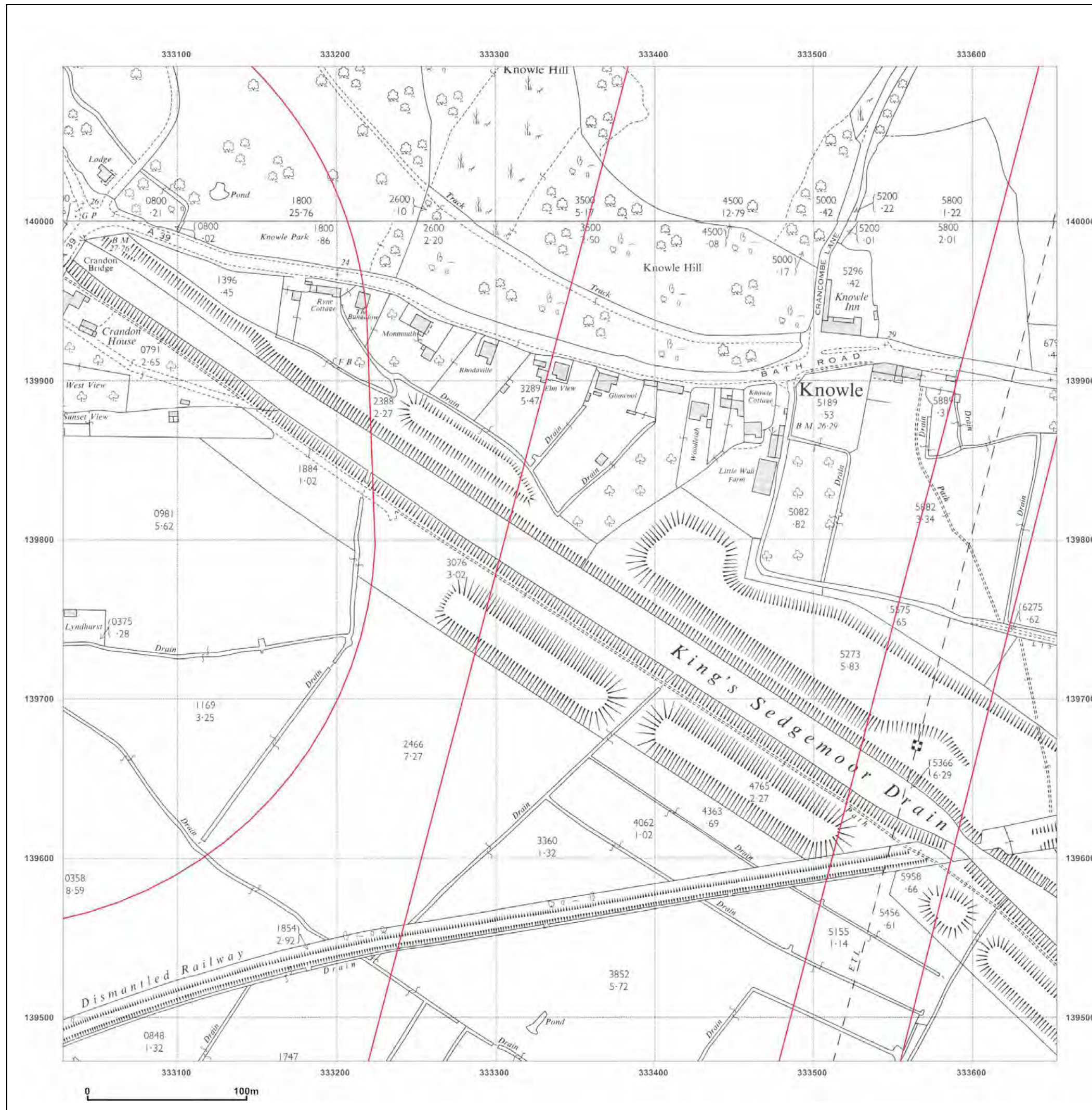


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D5
Grid Ref: 333341, 139785

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

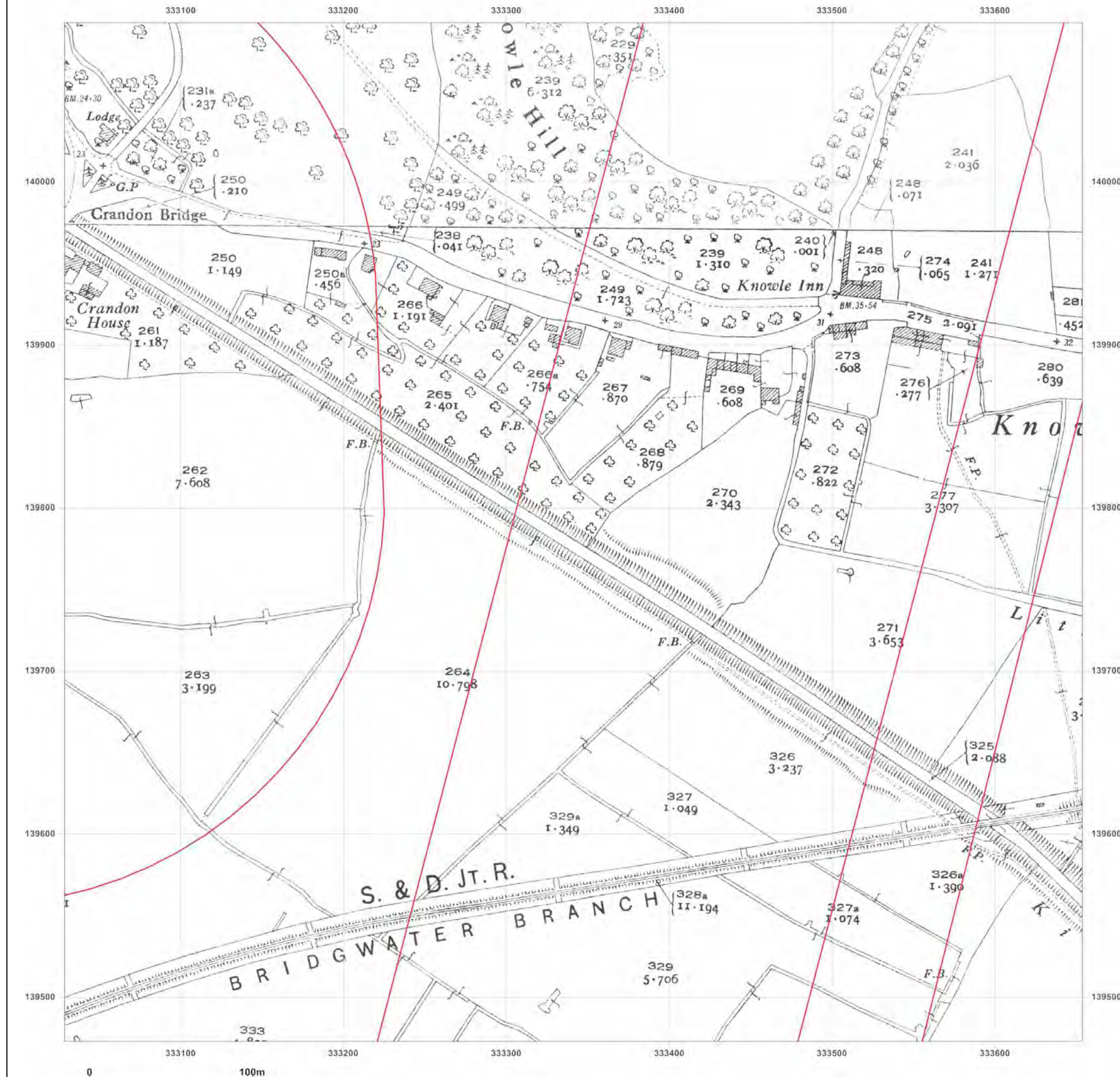


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D5
Grid Ref: 333341, 139785

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

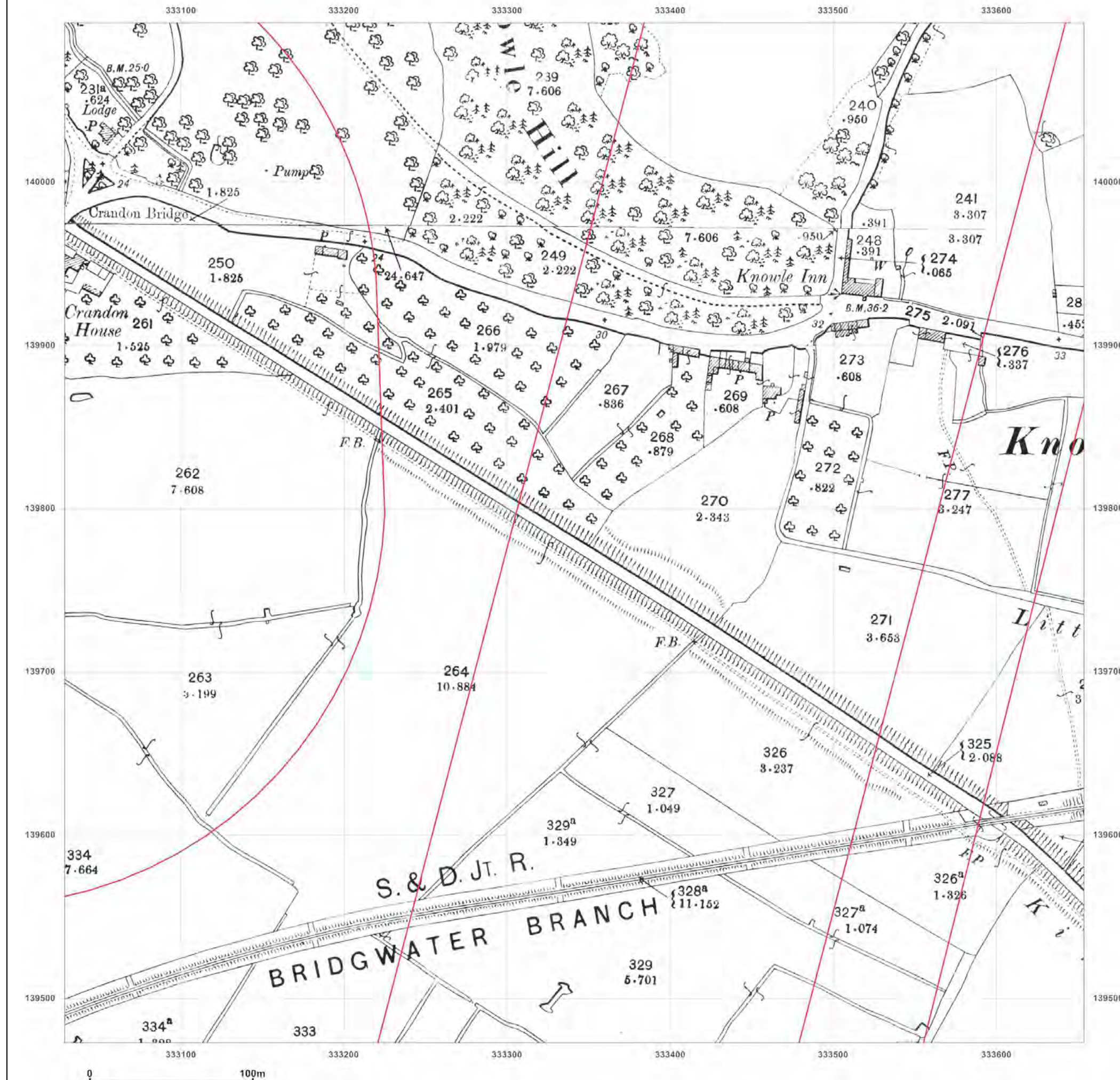


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D5
Grid Ref: 333341, 139785

Map Name: County Series

Map date: 1888

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

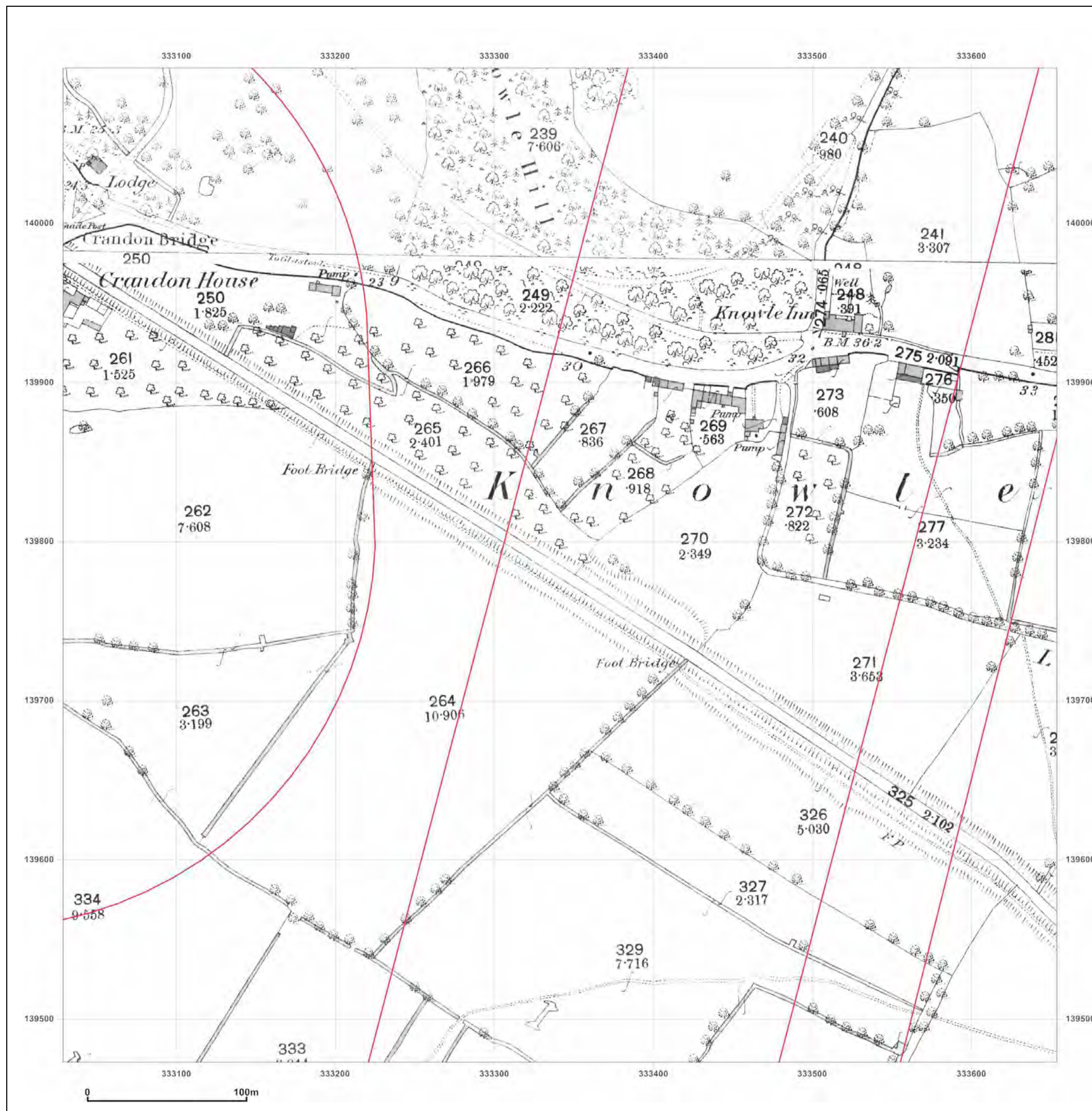


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D4
Grid Ref: 333221, 140385

Map Name: National Grid

Map date: 1995

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A

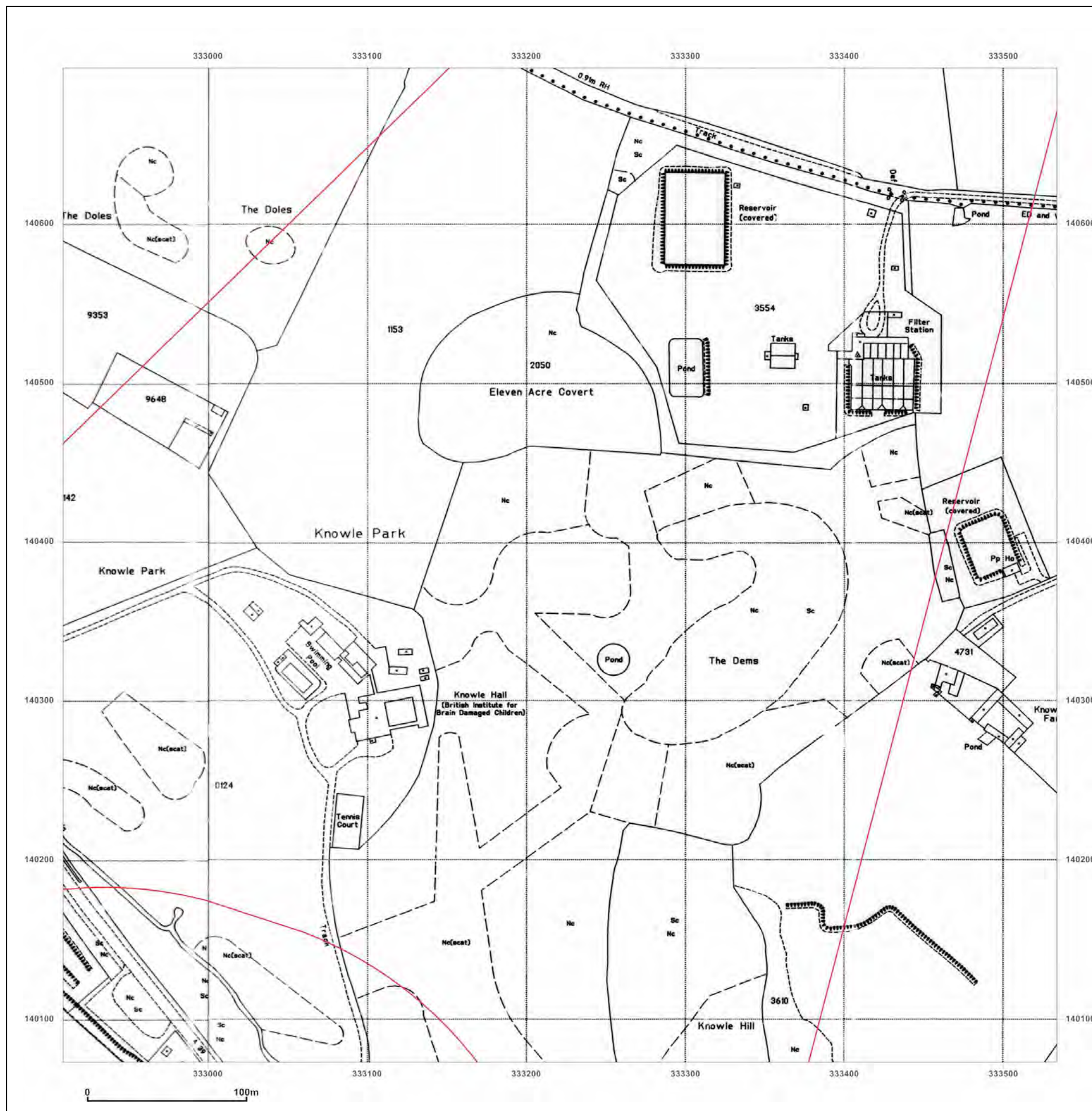


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D4
Grid Ref: 333221, 140385

Map Name: National Grid

Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1970
 Levelled 1981

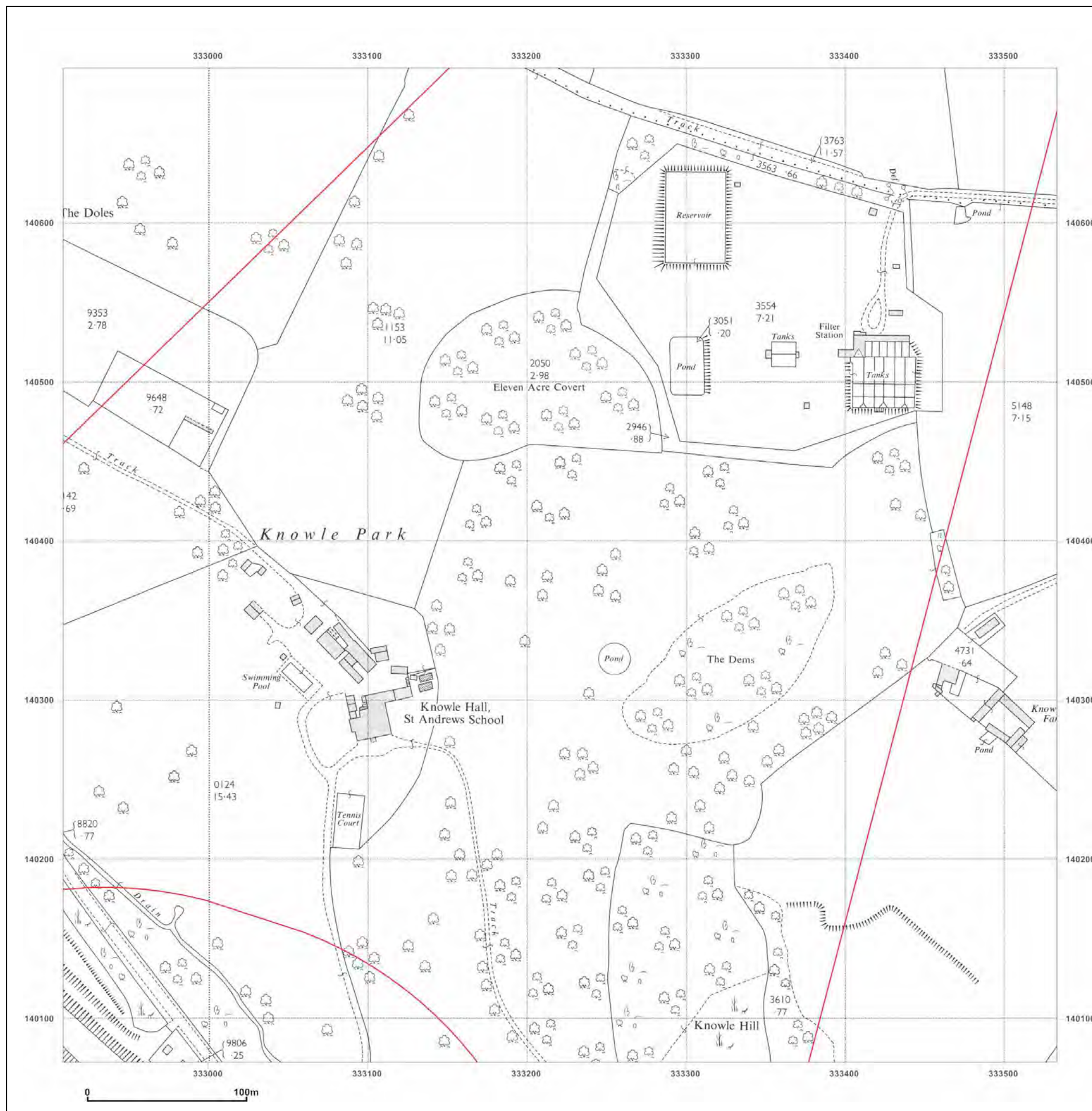


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Site Details:

Hinkley Project

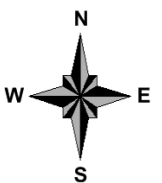
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D4
Grid Ref: 333221, 140385

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

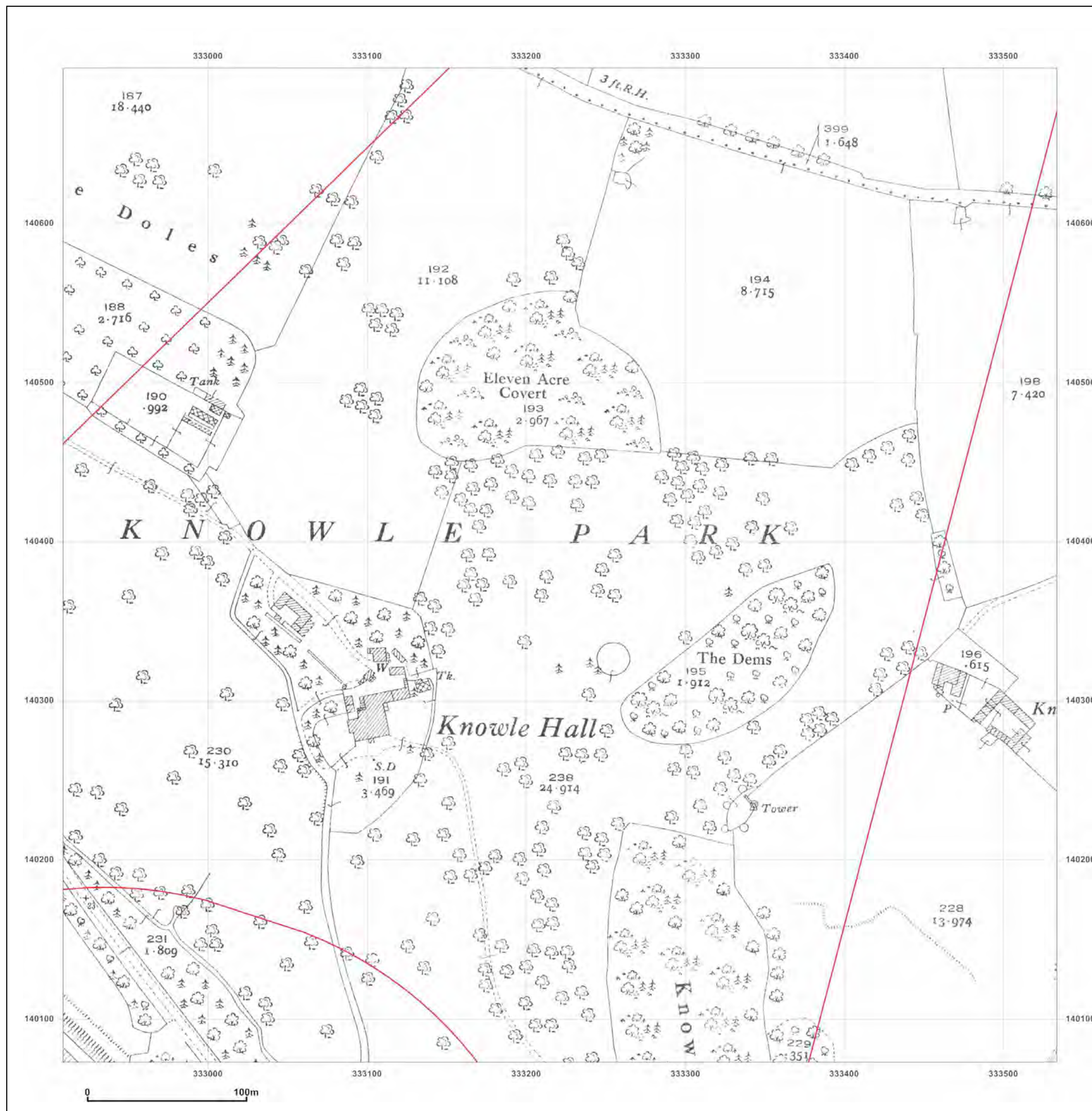


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Hinkley Project

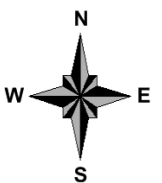
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D4
Grid Ref: 333221, 140385

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

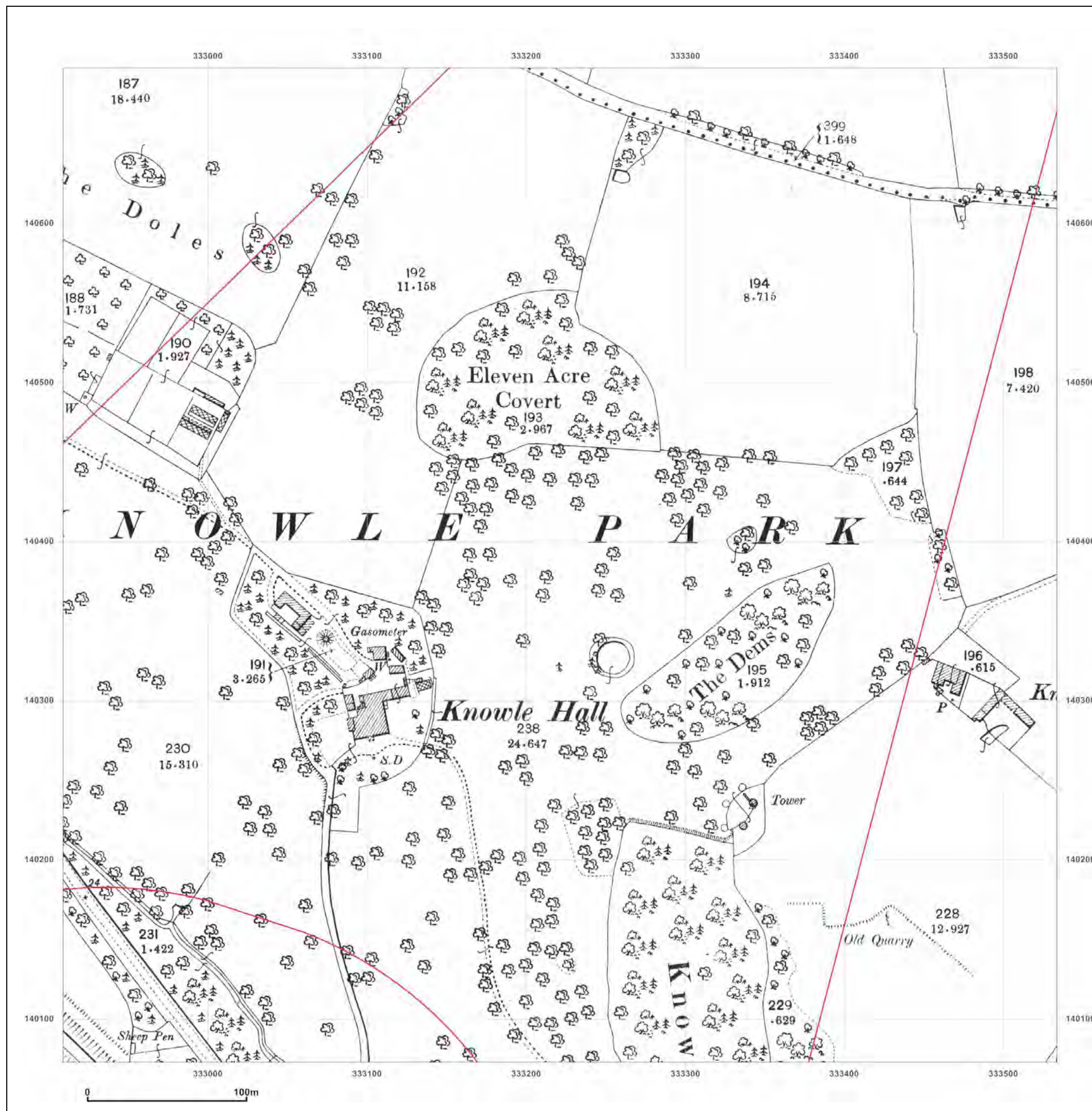


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D4
Grid Ref: 333221, 140385

Map Name: County Series

Map date: 1888

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

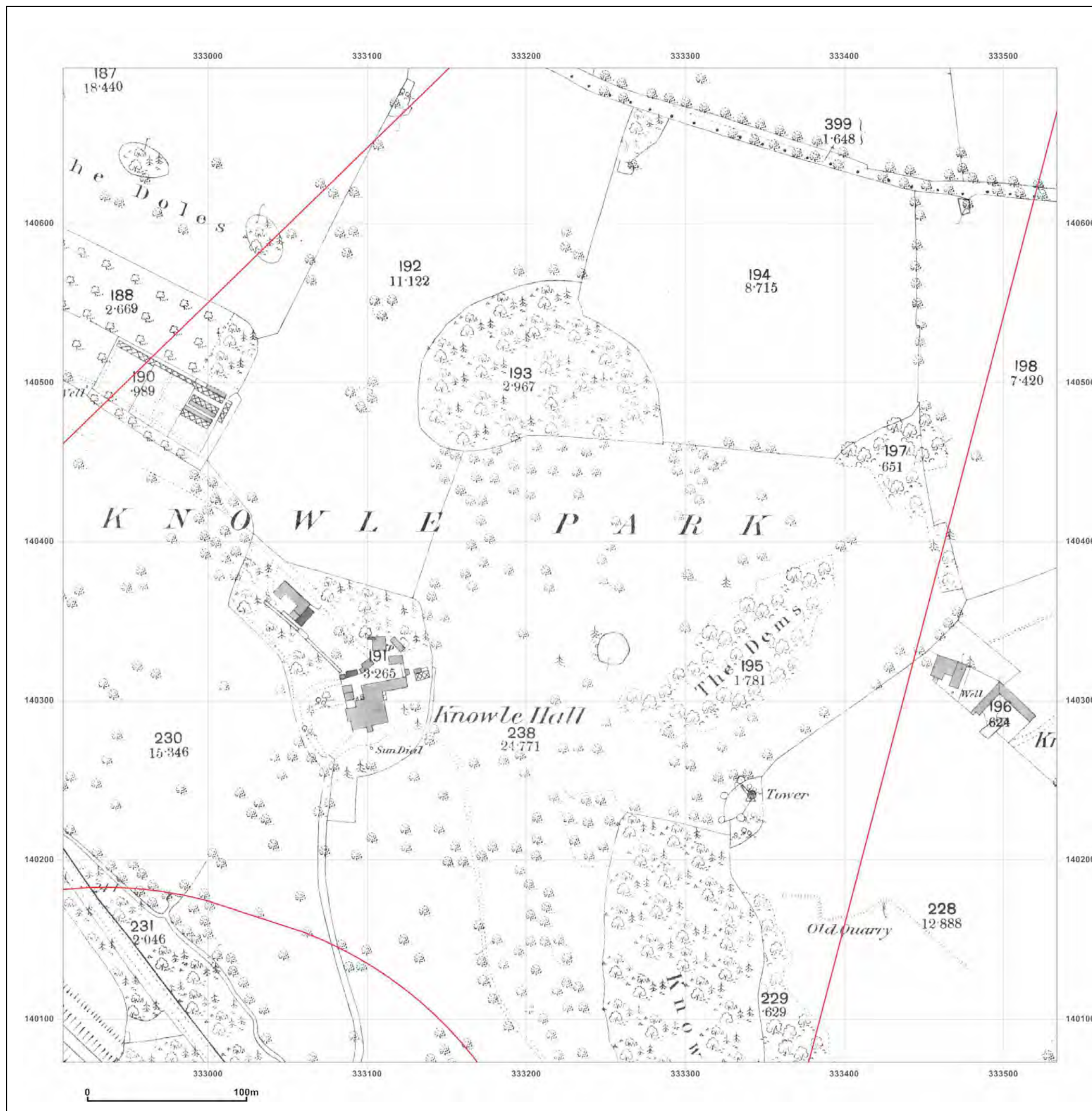


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D3
Grid Ref: 332989, 140986

Map Name: National Grid

Map date: 1990-1995

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1990
 Revised 1990
 Edition N/A
 Copyright 1991
 Levelled N/A

Surveyed 1990
 Revised 1990
 Edition N/A
 Copyright 1991
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A

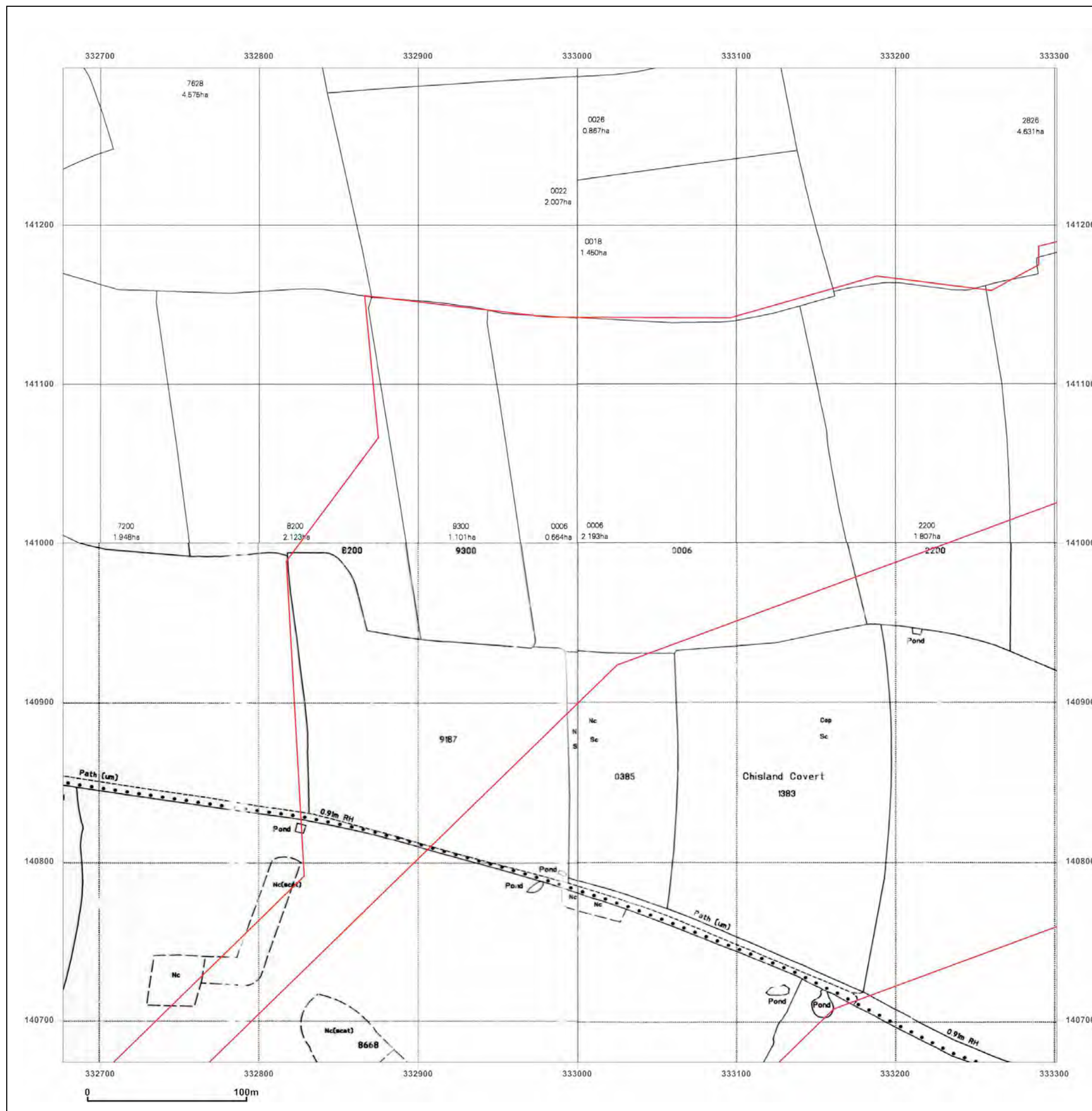


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Site Details:

Hinkley Project

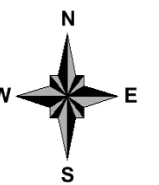
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D3
Grid Ref: 332989, 140986

Map Name: National Grid

Map date: 1995

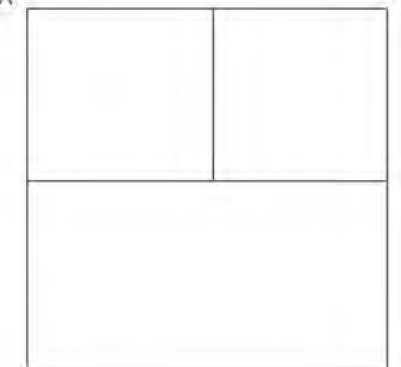
Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1995
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1995
Levelled N/A

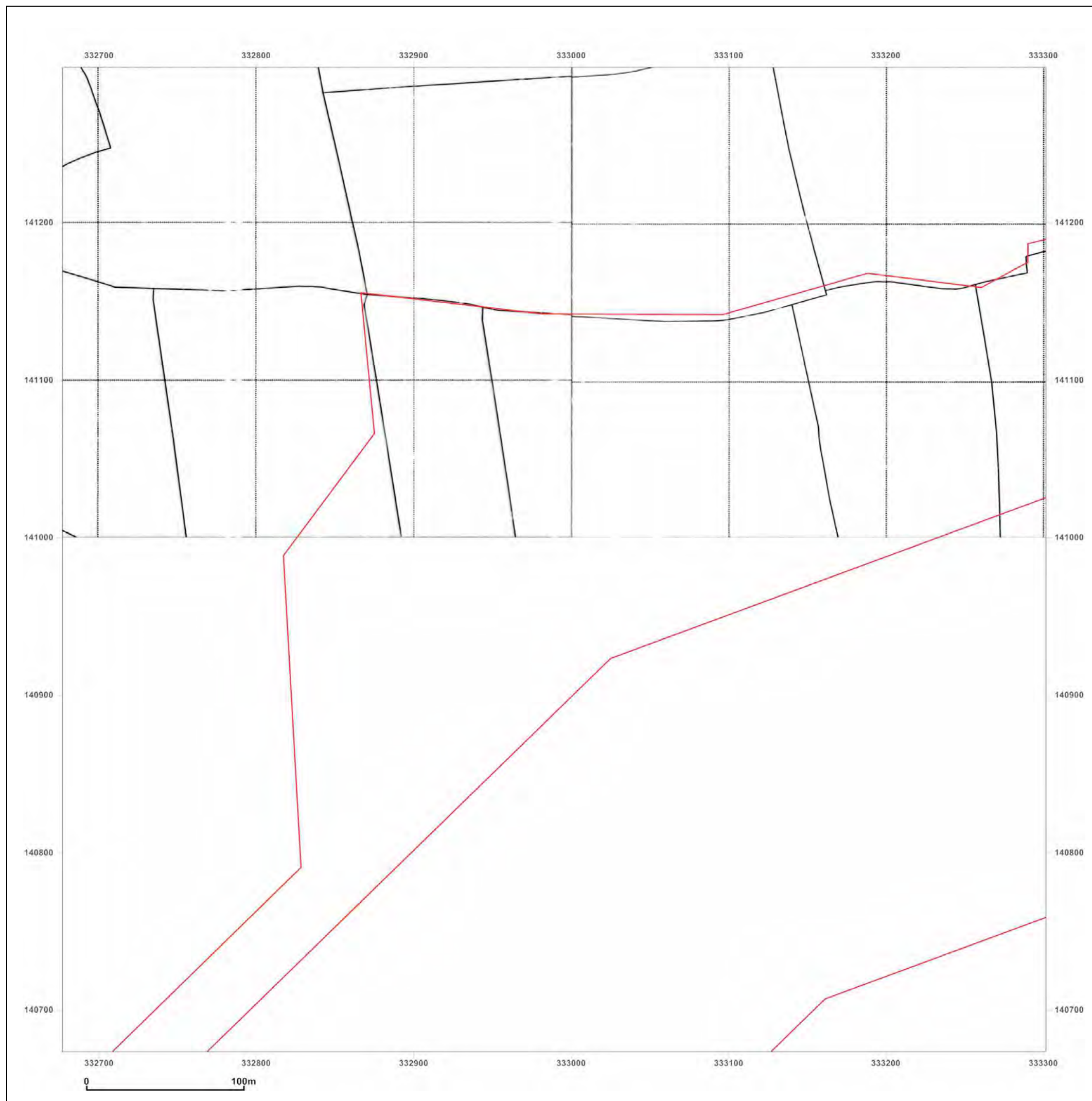


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D3
Grid Ref: 332989, 140986

Map Name: National Grid

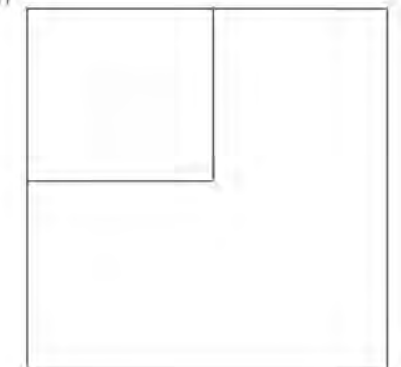
Map date: 1989

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1989
 Levelled 1981

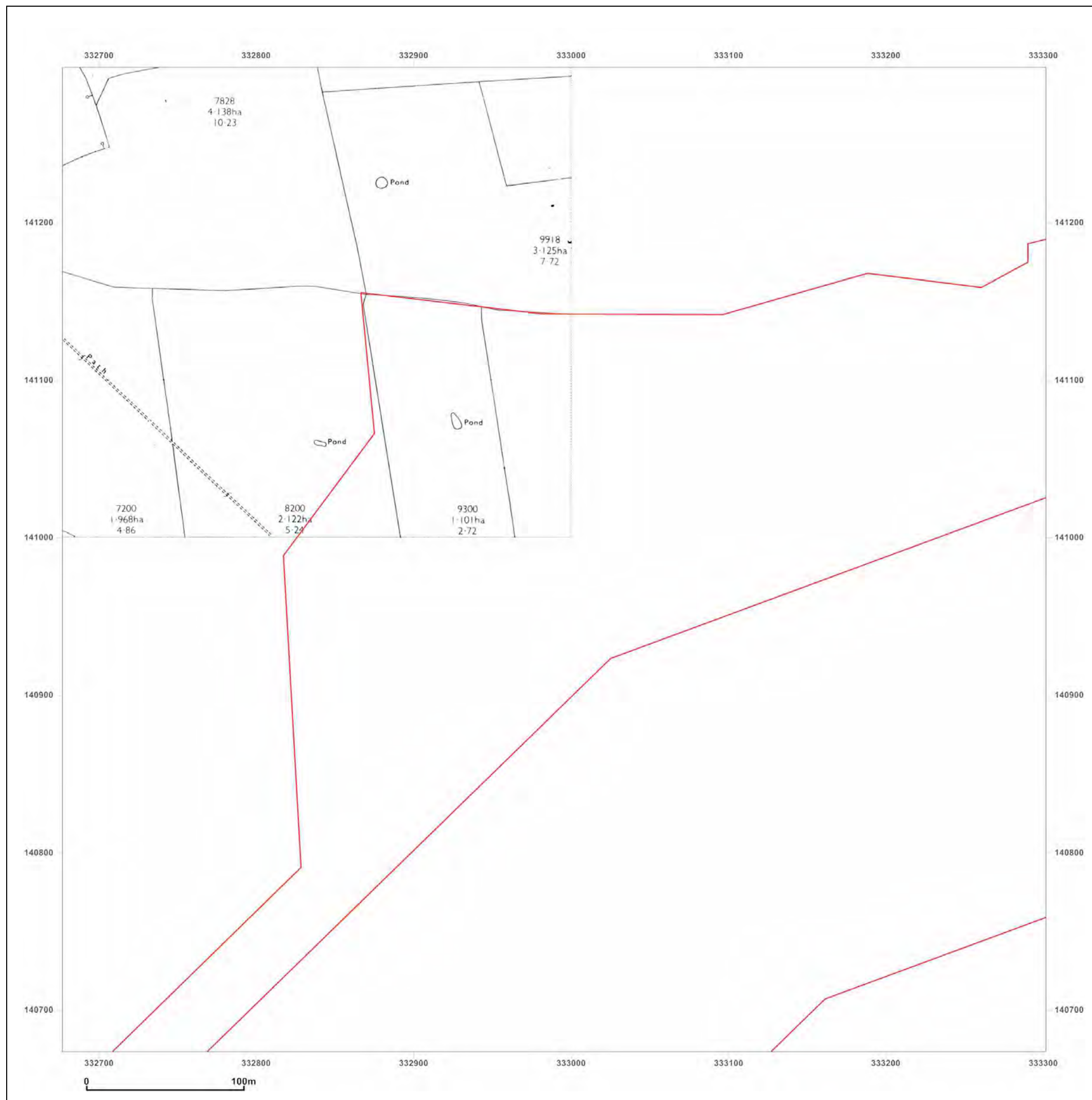


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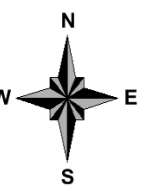
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D3
Grid Ref: 332989, 140986

Map Name: National Grid

Map date: 1968-1969

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1969
 Revised 1969
 Edition N/A
 Copyright 1970
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1970
 Levelled 1961



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D3
Grid Ref: 332989, 140986

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

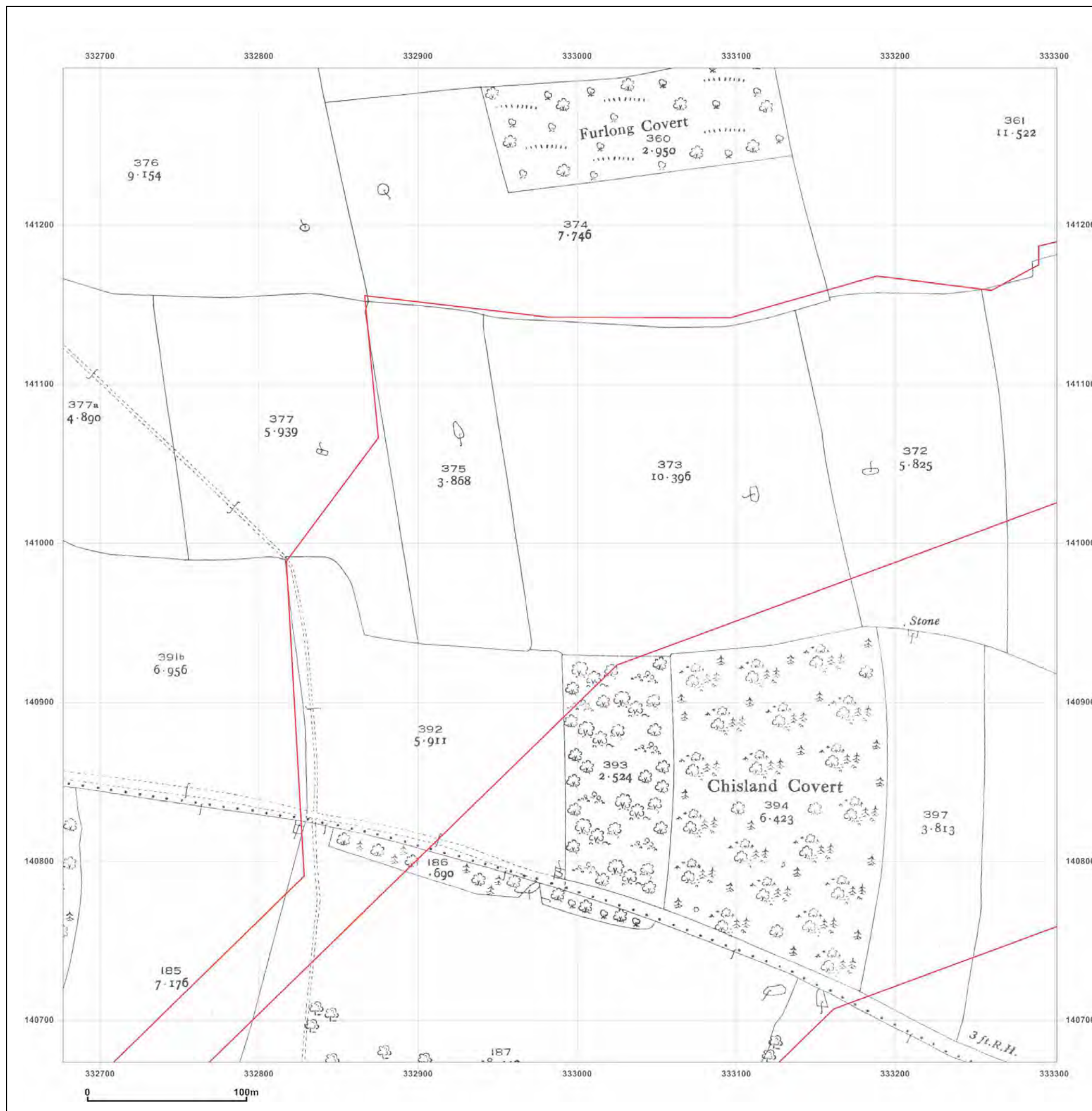


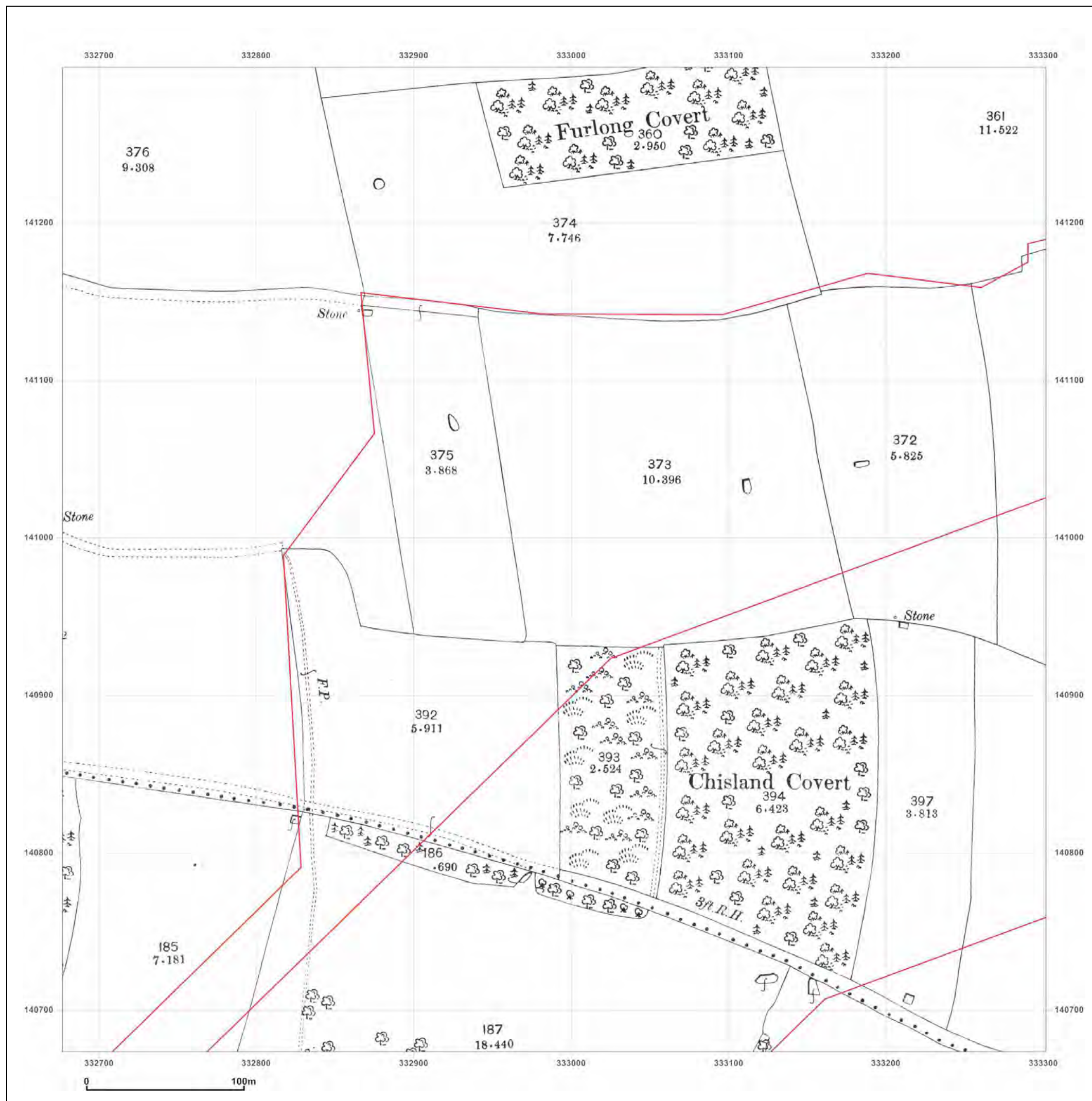
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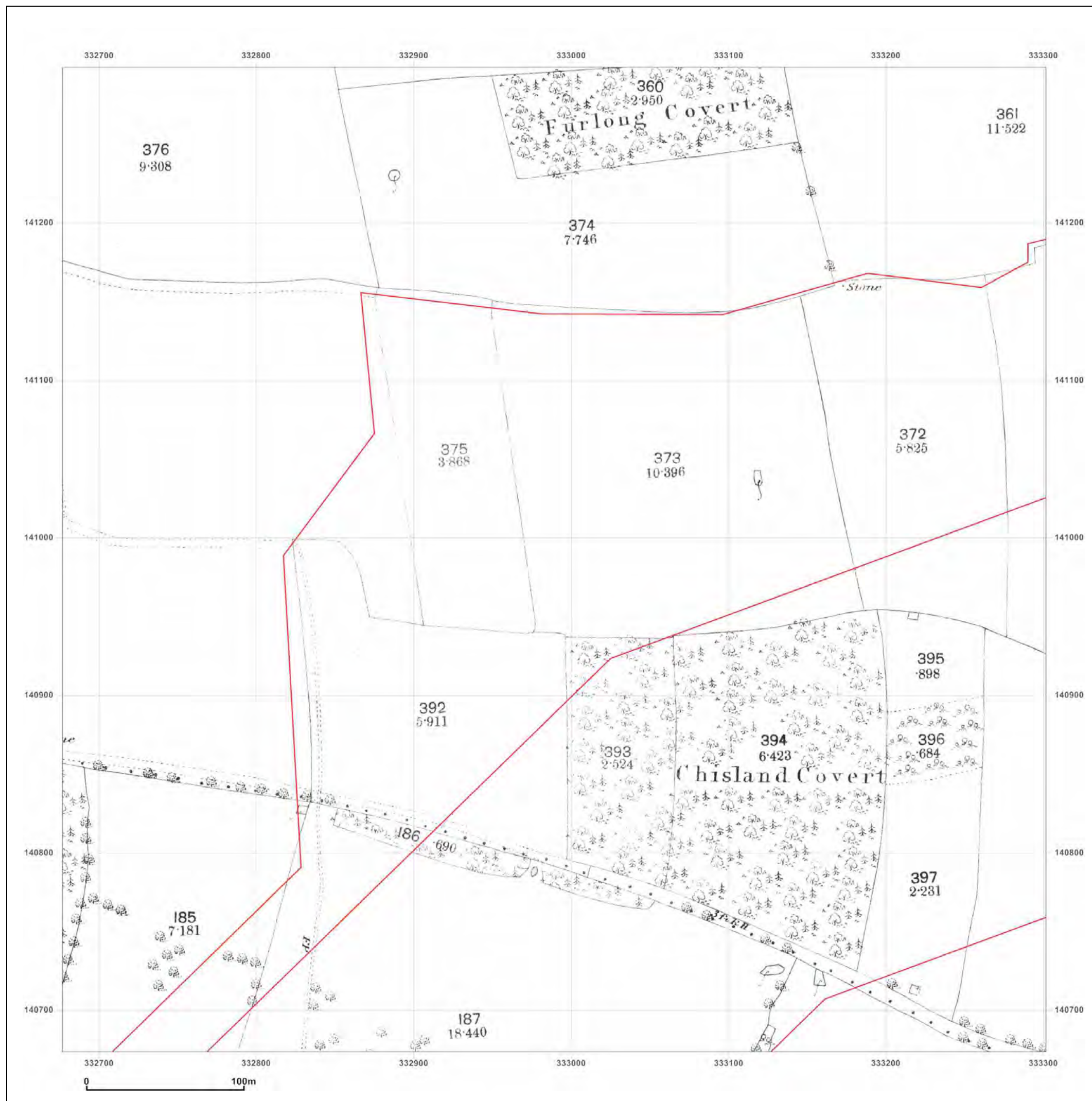
Site Details:
Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D3
Grid Ref: 332989, 140986

Map Name: County Series
Map date: 1904
Scale: 1:2,500
Printed at: 1:2,500



Surveyed 1904
Revised 1904
Edition N/A
Copyright N/A
Levelled N/A



Site Details:

Hinkley Project

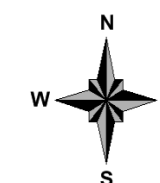
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D3
Grid Ref: 332989, 140986

Map Name: County Series

Map date: 1888

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1888
Revised 1888
Edition N/A
Copyright N/A
Levelled N/A



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D2
Grid Ref: 333341, 141585

Map Name: National Grid

Map date: 1995

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D2
Grid Ref: 333341, 141585

Map Name: National Grid

Map date: 1990

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1990
 Revised 1990
 Edition N/A
 Copyright 1991
 Levelled N/A

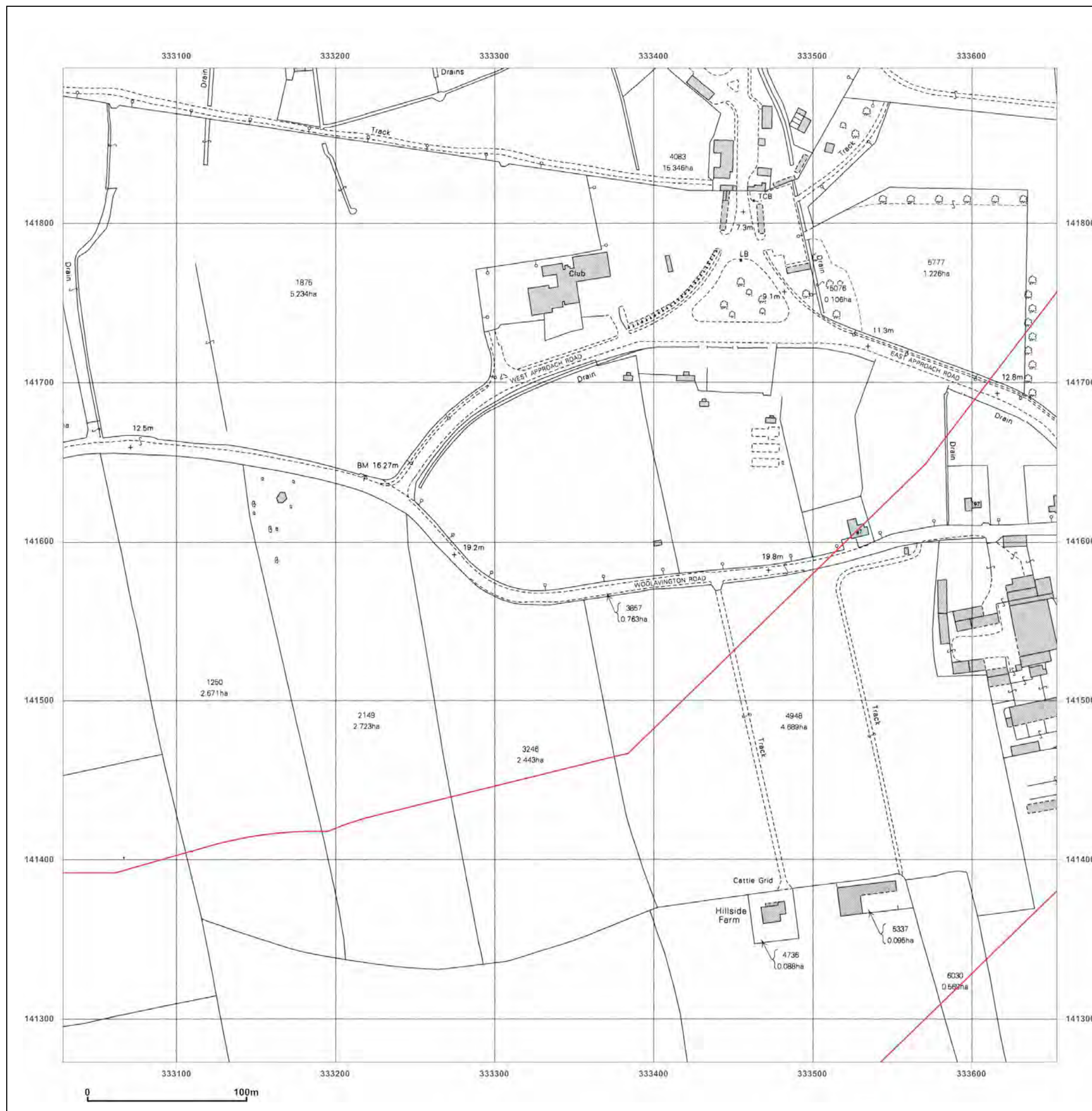


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D2
Grid Ref: 333341, 141585

Map Name: National Grid

Map date: 1989

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1989
 Revised 1989
 Edition N/A
 Copyright 1989
 Levelled N/A

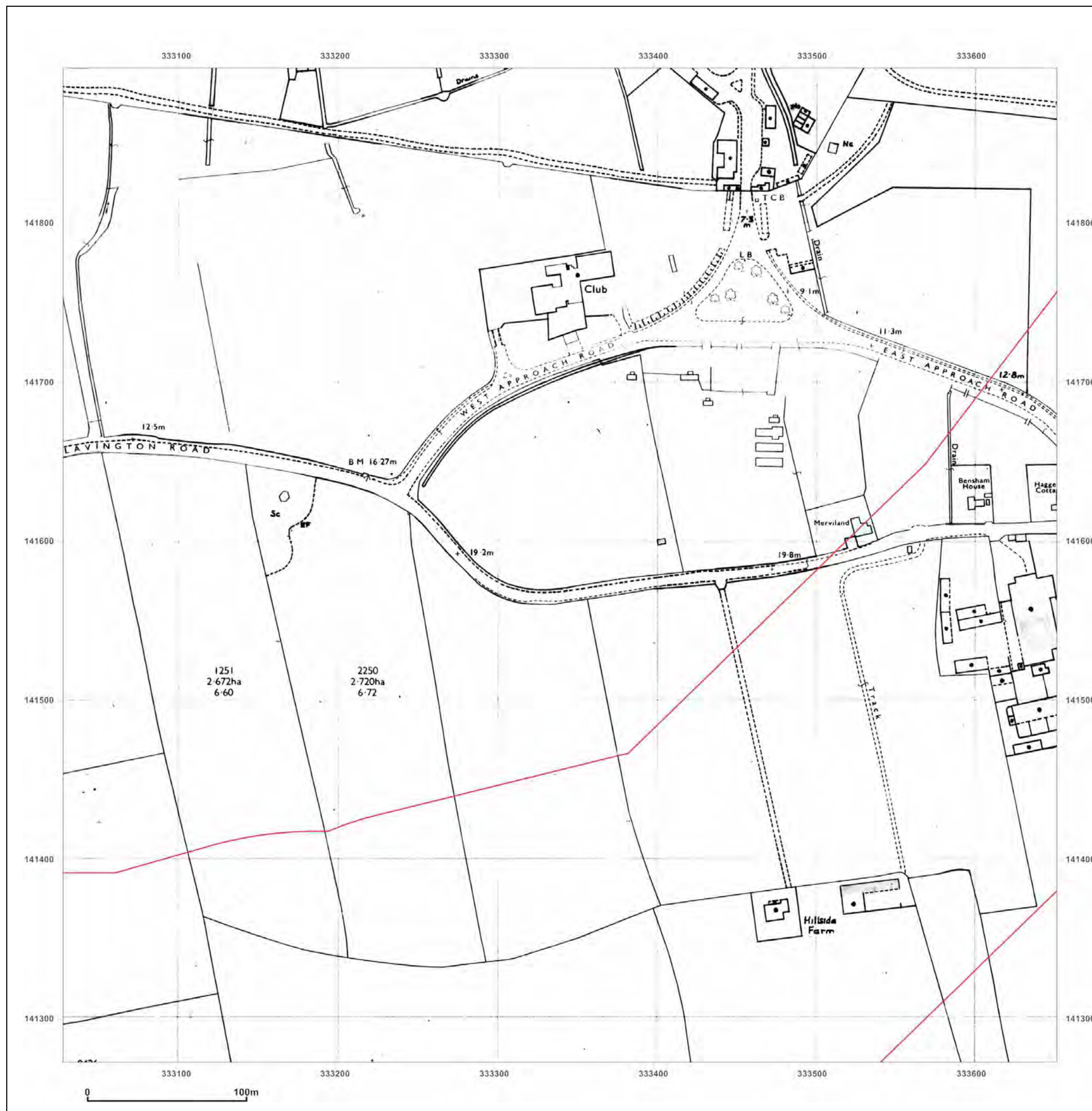


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D2
Grid Ref: 333341, 141585

Map Name: National Grid

Map date: 1969

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1969
 Revised 1969
 Edition N/A
 Copyright 1970
 Levelled 1961

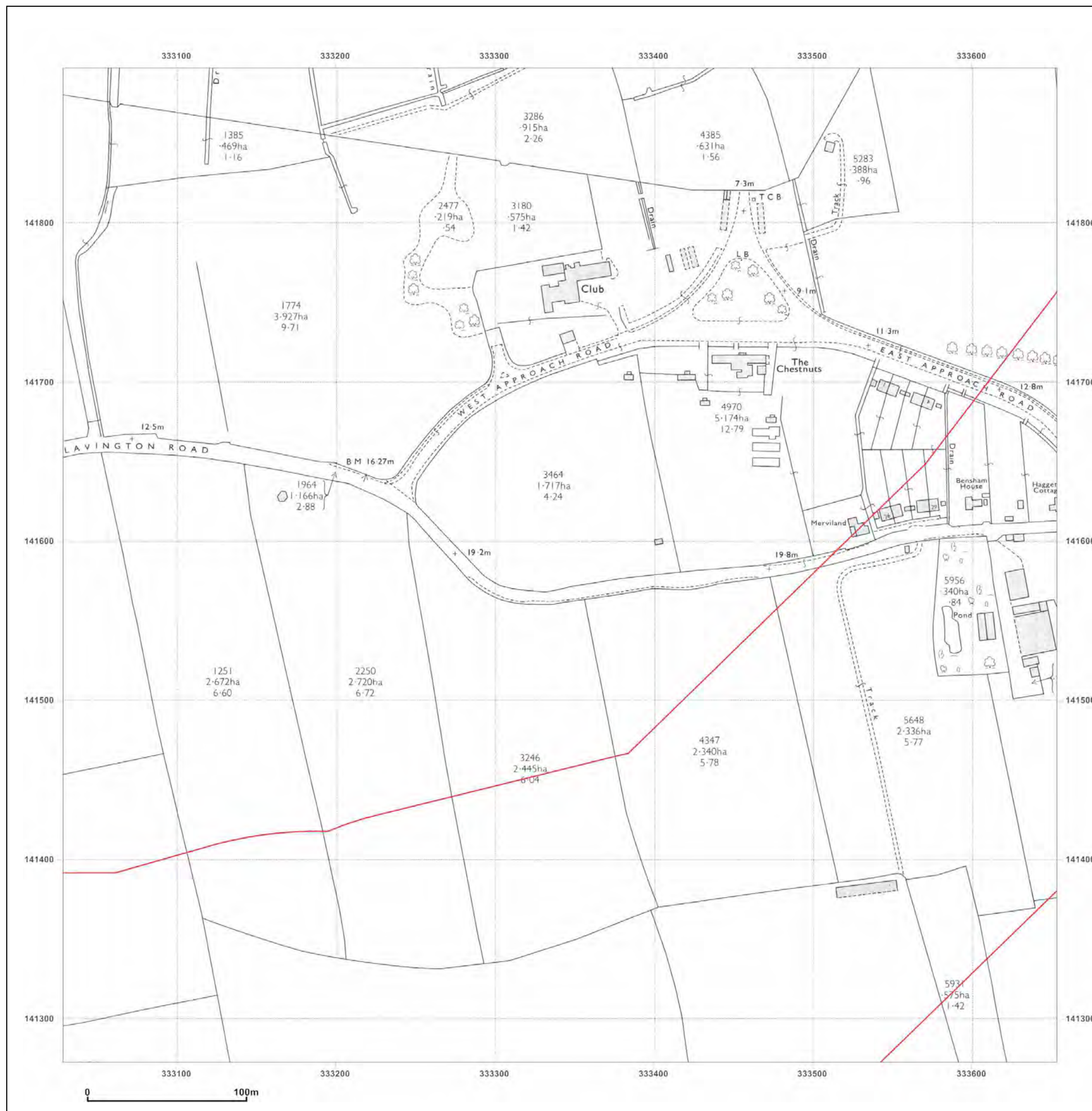


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Site Details:

Hinkley Project

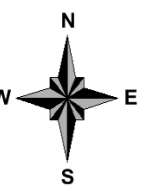
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D2
Grid Ref: 333341, 141585

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

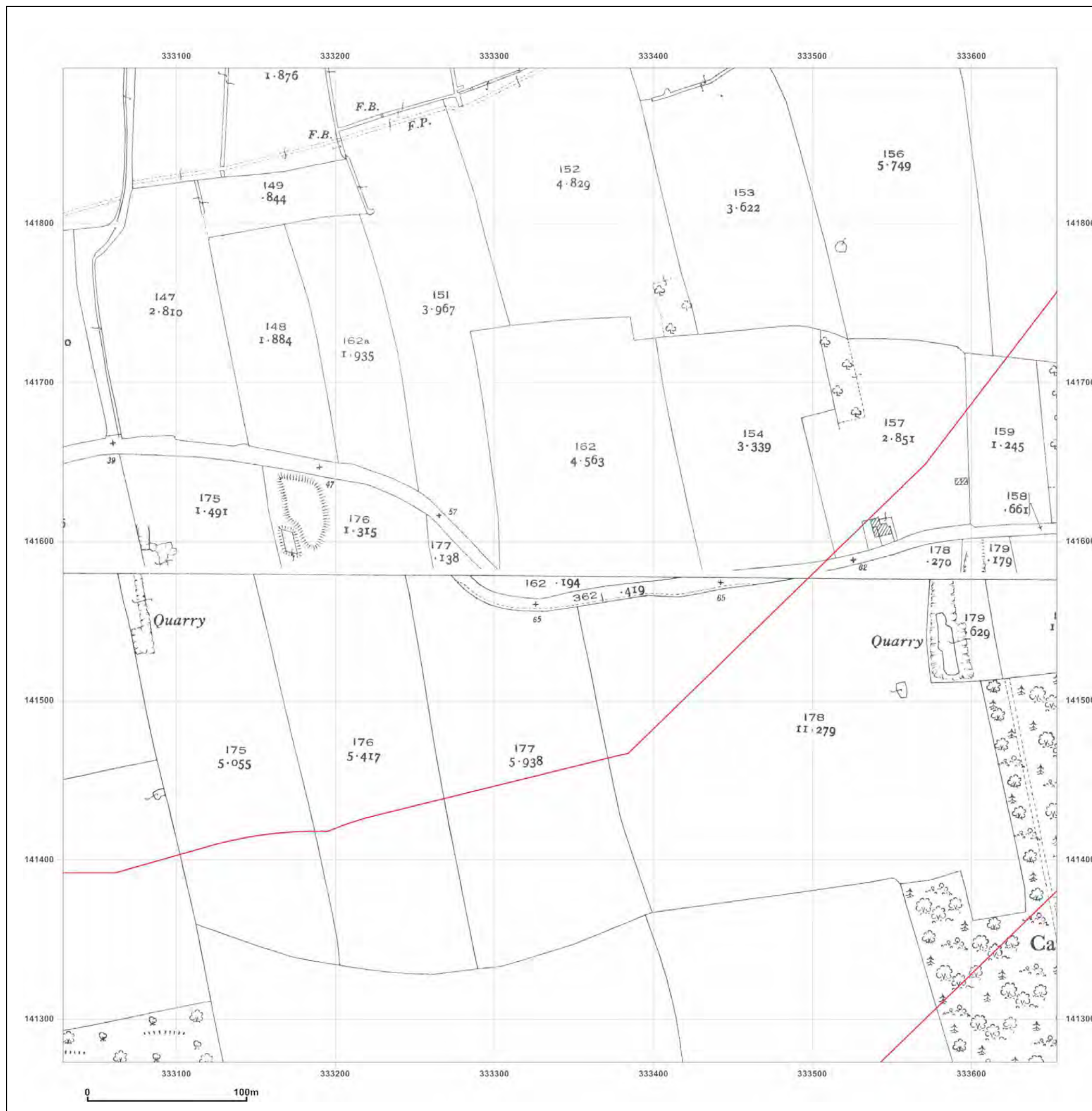


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D2
Grid Ref: 333341, 141585

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

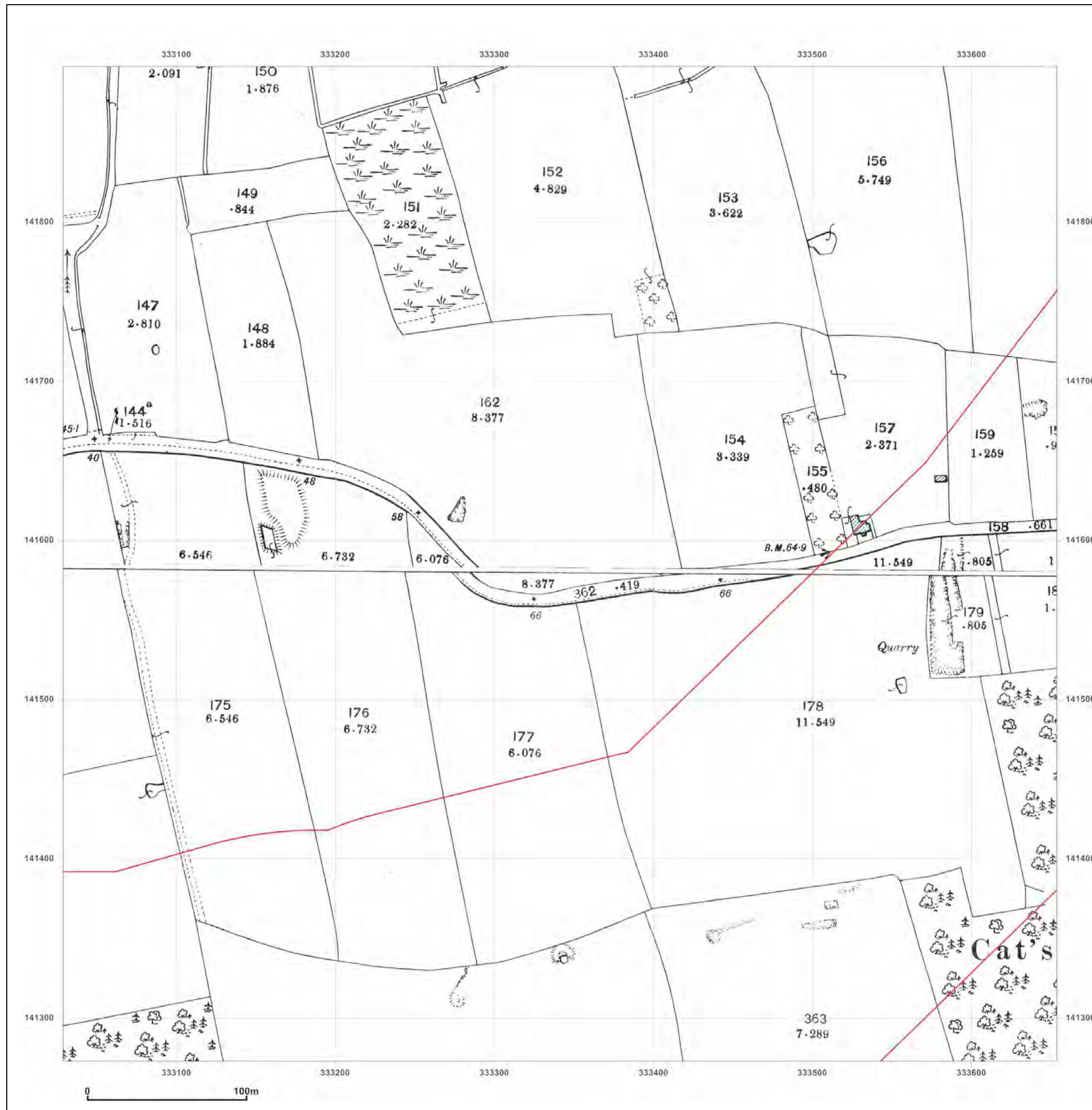


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_D2
Grid Ref: 333341, 141585

Map Name: County Series

Map date: 1887-1888

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1887
 Revised 1887
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

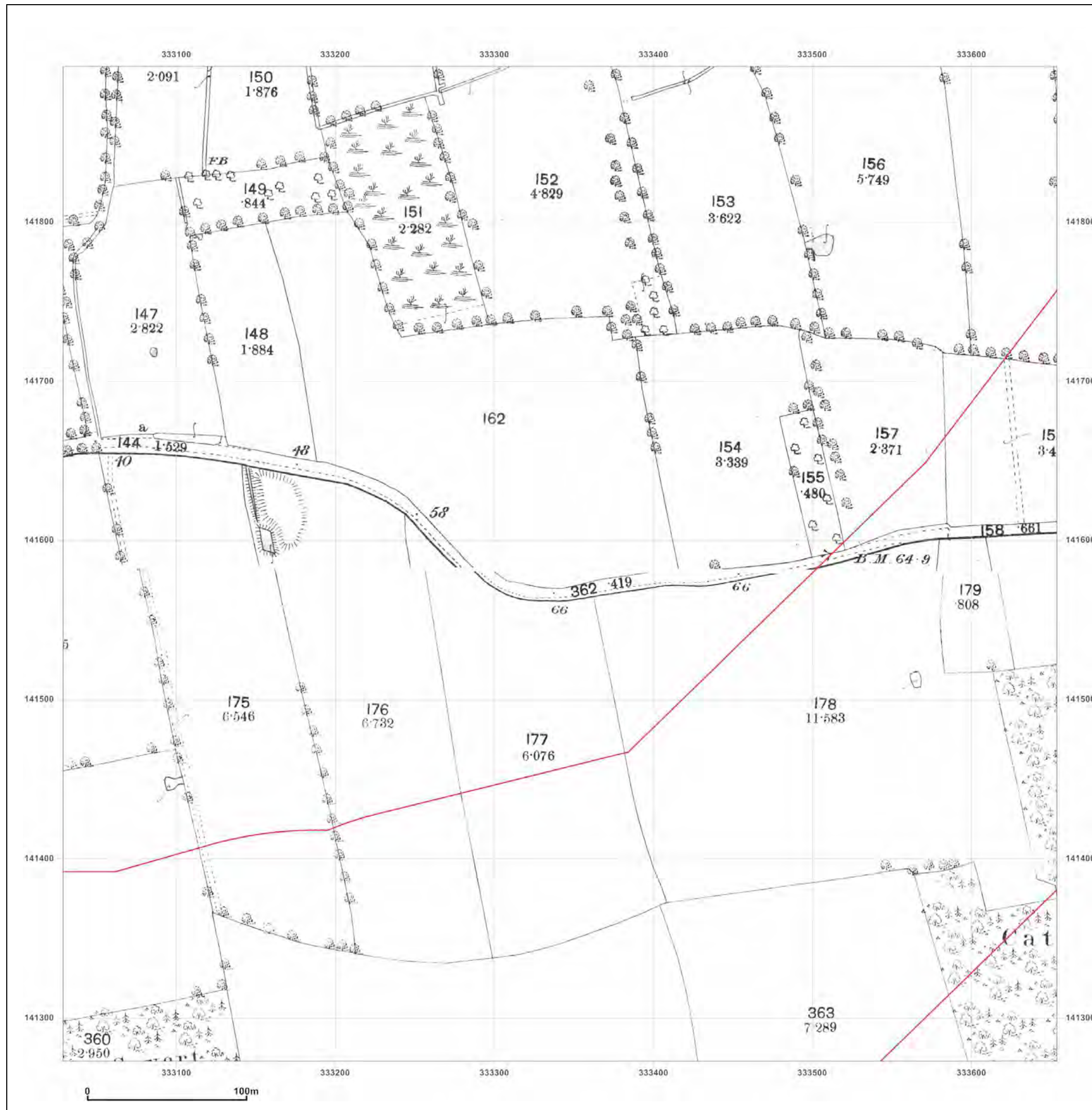


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Site Details:
Hinkley Project

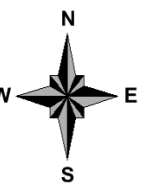
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C12
Grid Ref: 332740, 135586

Map Name: National Grid

Map date: 1994

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

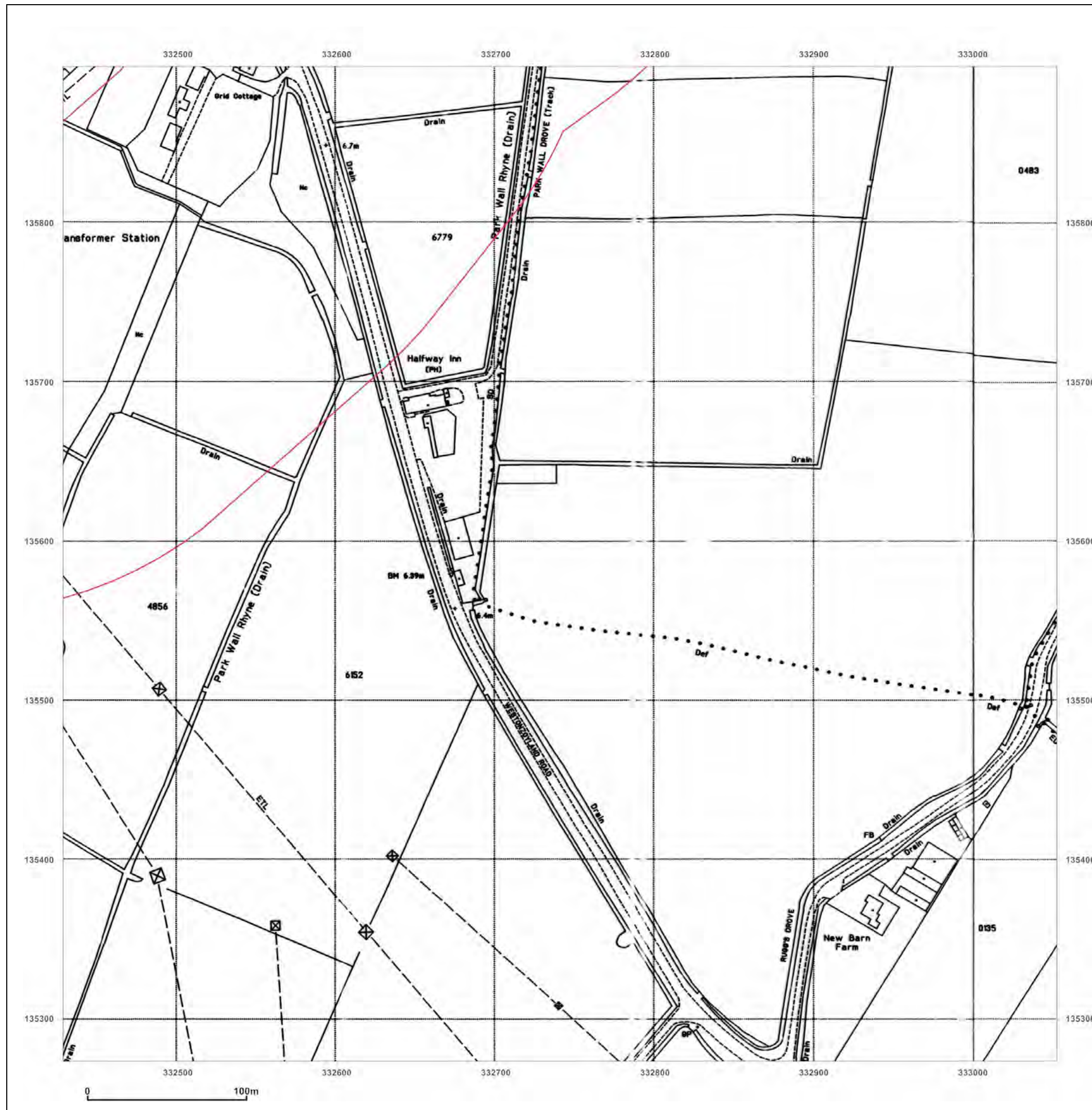


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C12
Grid Ref: 332740, 135586

Map Name: National Grid

Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

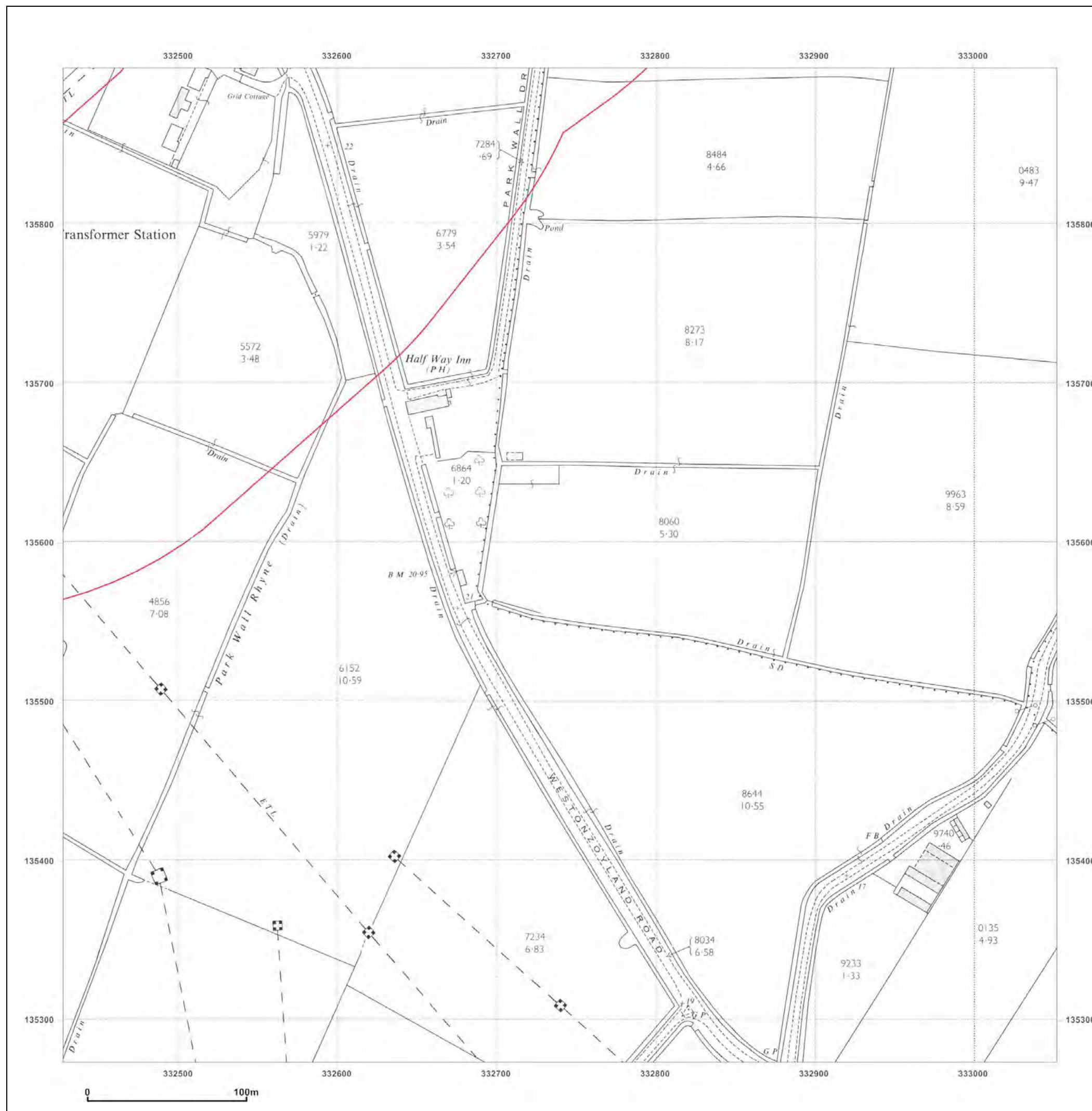


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C12
Grid Ref: 332740, 135586

Map Name: County Series

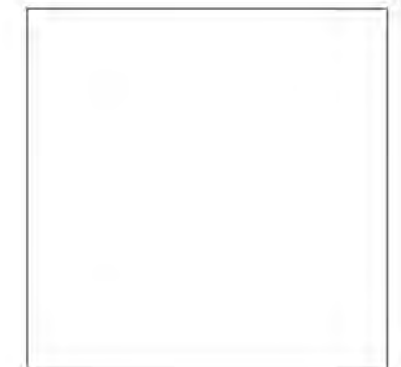
Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

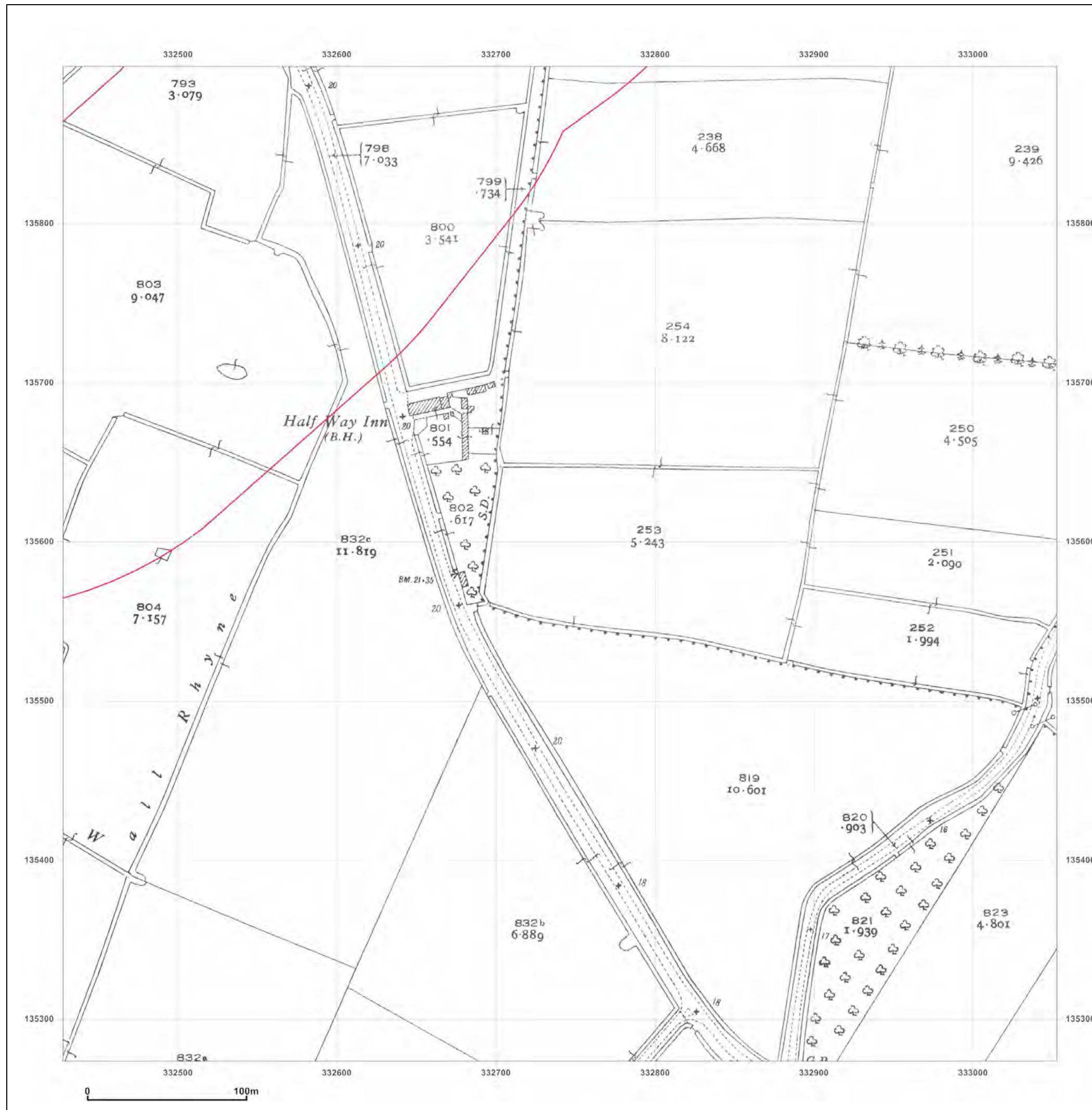


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C12
Grid Ref: 332740, 135586

Map Name: County Series

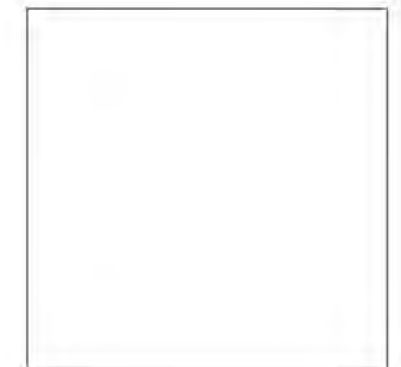
Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

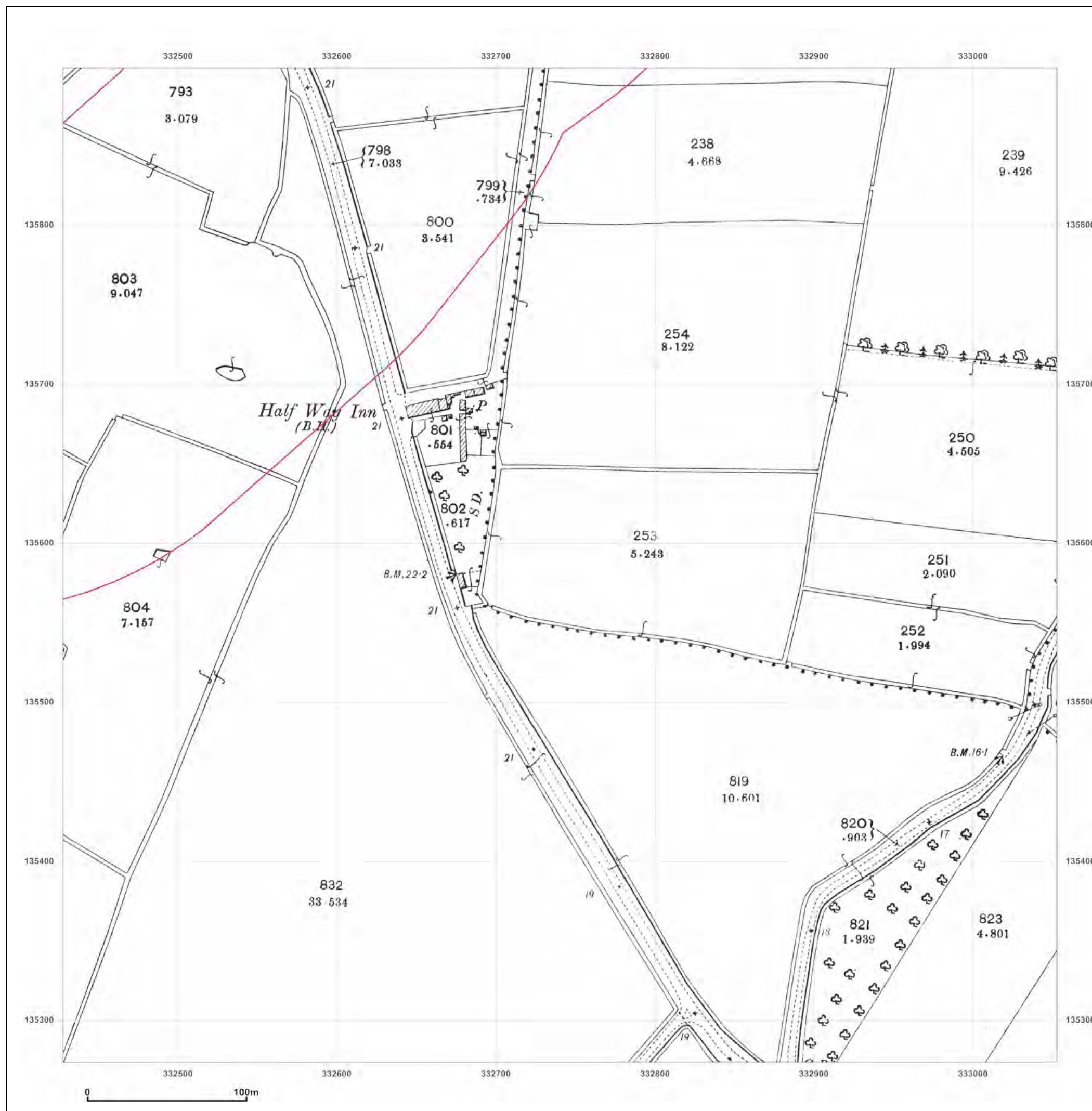


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C12
Grid Ref: 332740, 135586

Map Name: County Series

Map date: 1888

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

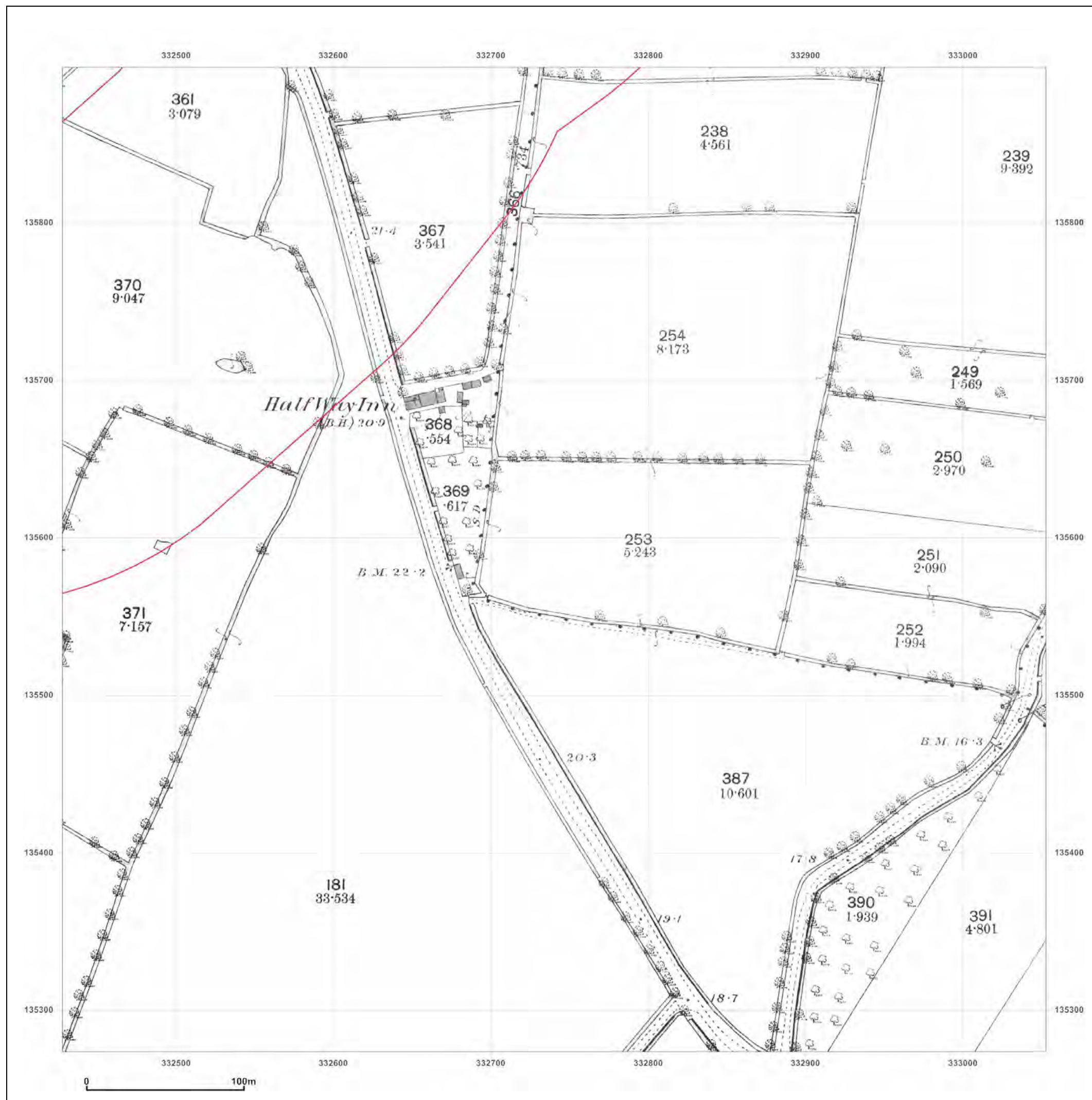


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Production date: 21 May 2013

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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C11
Grid Ref: 332363, 136184

Map Name: National Grid

Map date: 1994

Scale: 1:1,250

Printed at: 1:2,500



<p>Surveyed N/A Revised N/A Edition N/A Copyright 1994 Levelled N/A</p>	<p>Surveyed N/A Revised N/A Edition N/A Copyright 1994 Levelled N/A</p>
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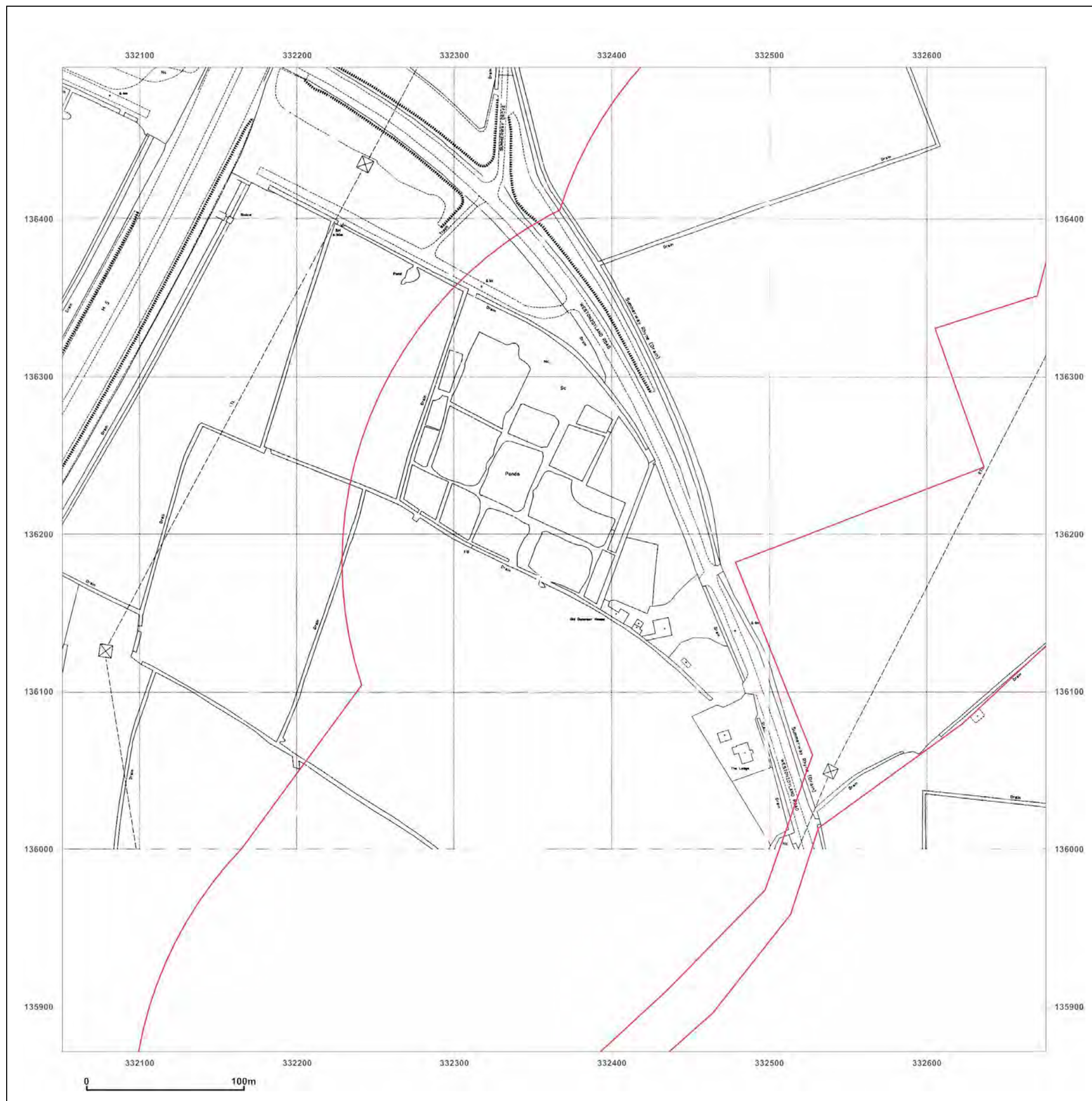


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C11
Grid Ref: 332363, 136184

Map Name: National Grid

Map date: 1994

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

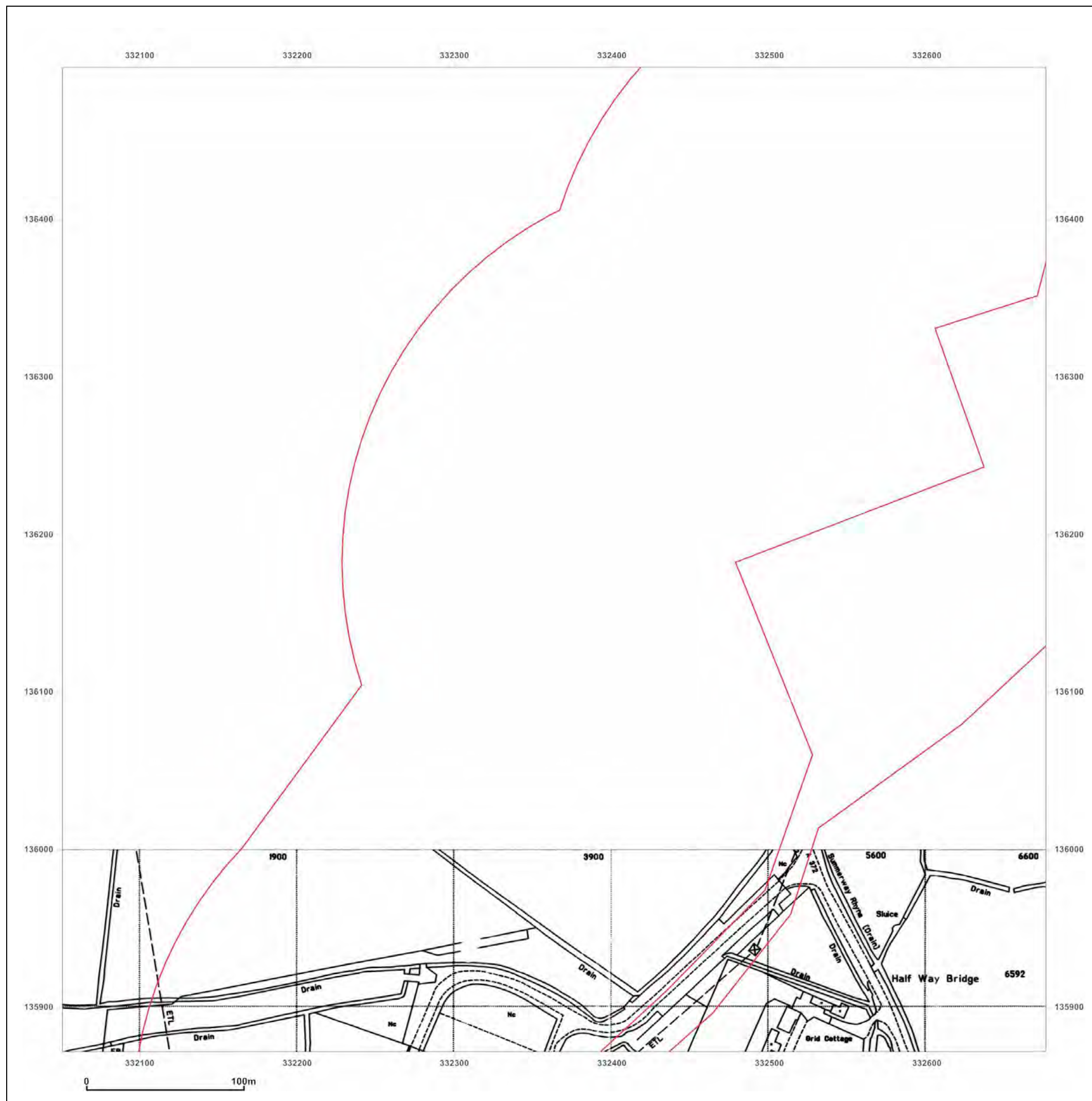


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C11
Grid Ref: 332363, 136184

Map Name: National Grid

Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1970
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

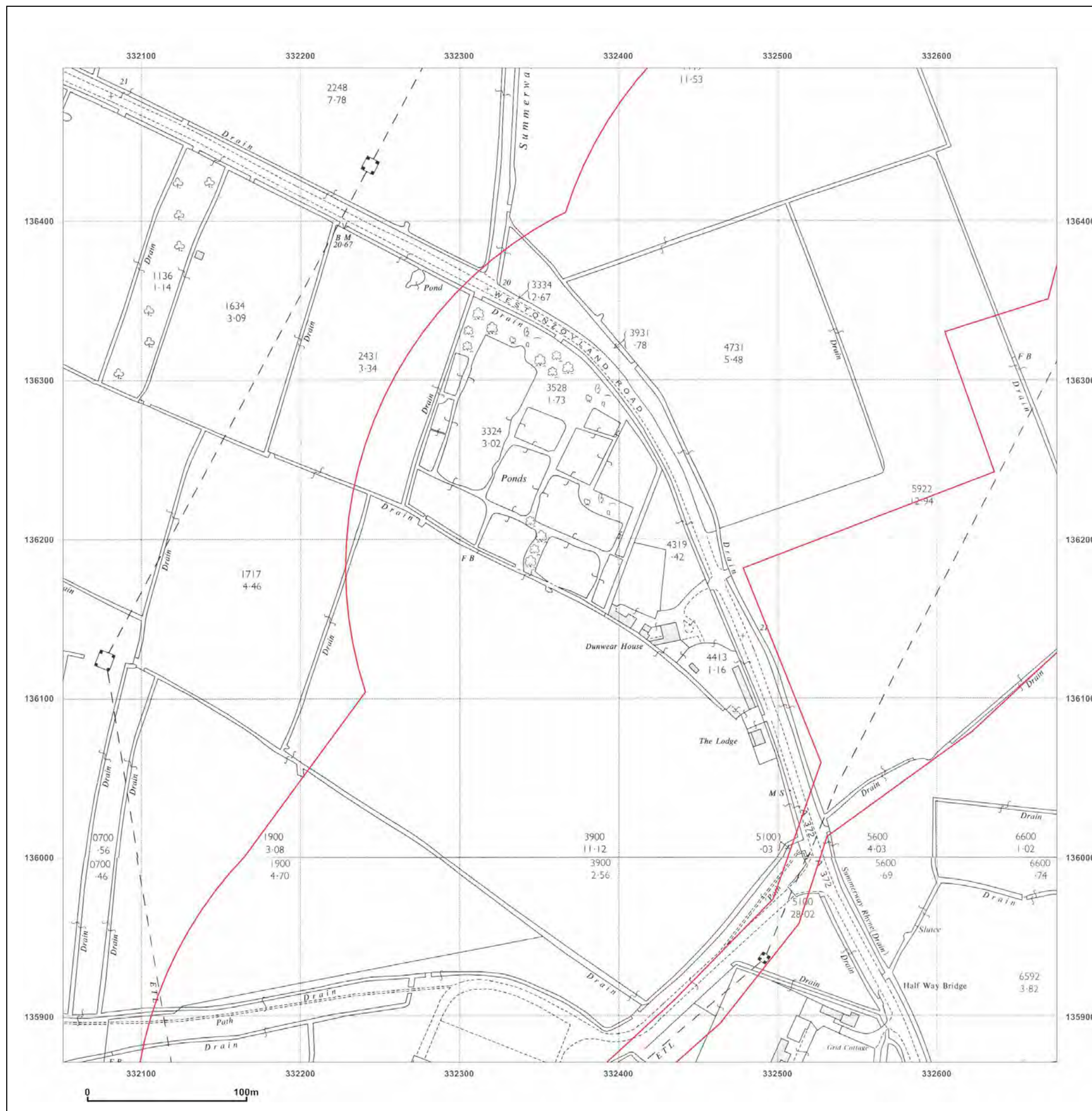


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C11
Grid Ref: 332363, 136184

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

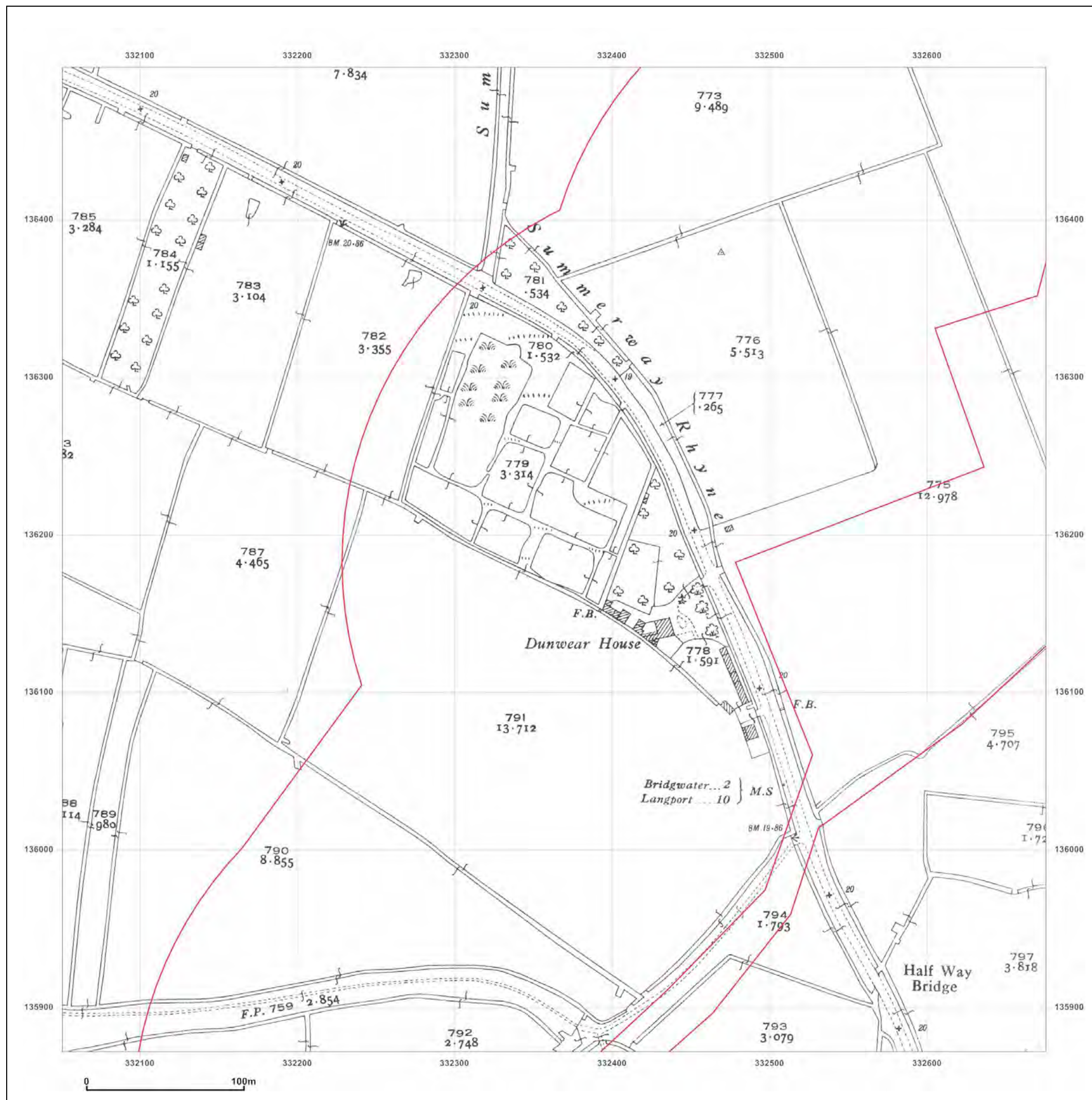


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C11
Grid Ref: 332363, 136184

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

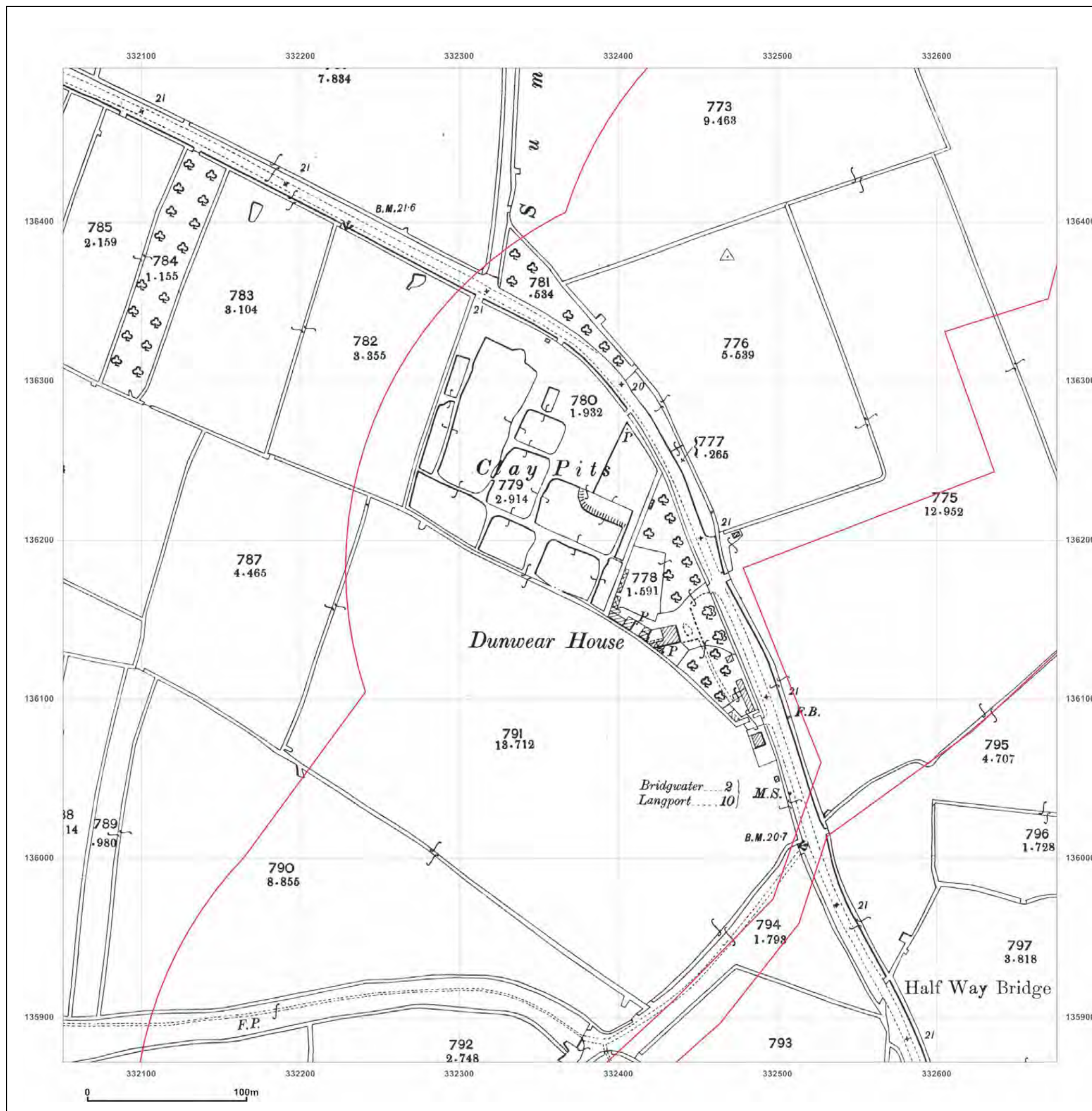


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C11
Grid Ref: 332363, 136184

Map Name: County Series

Map date: 1888

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

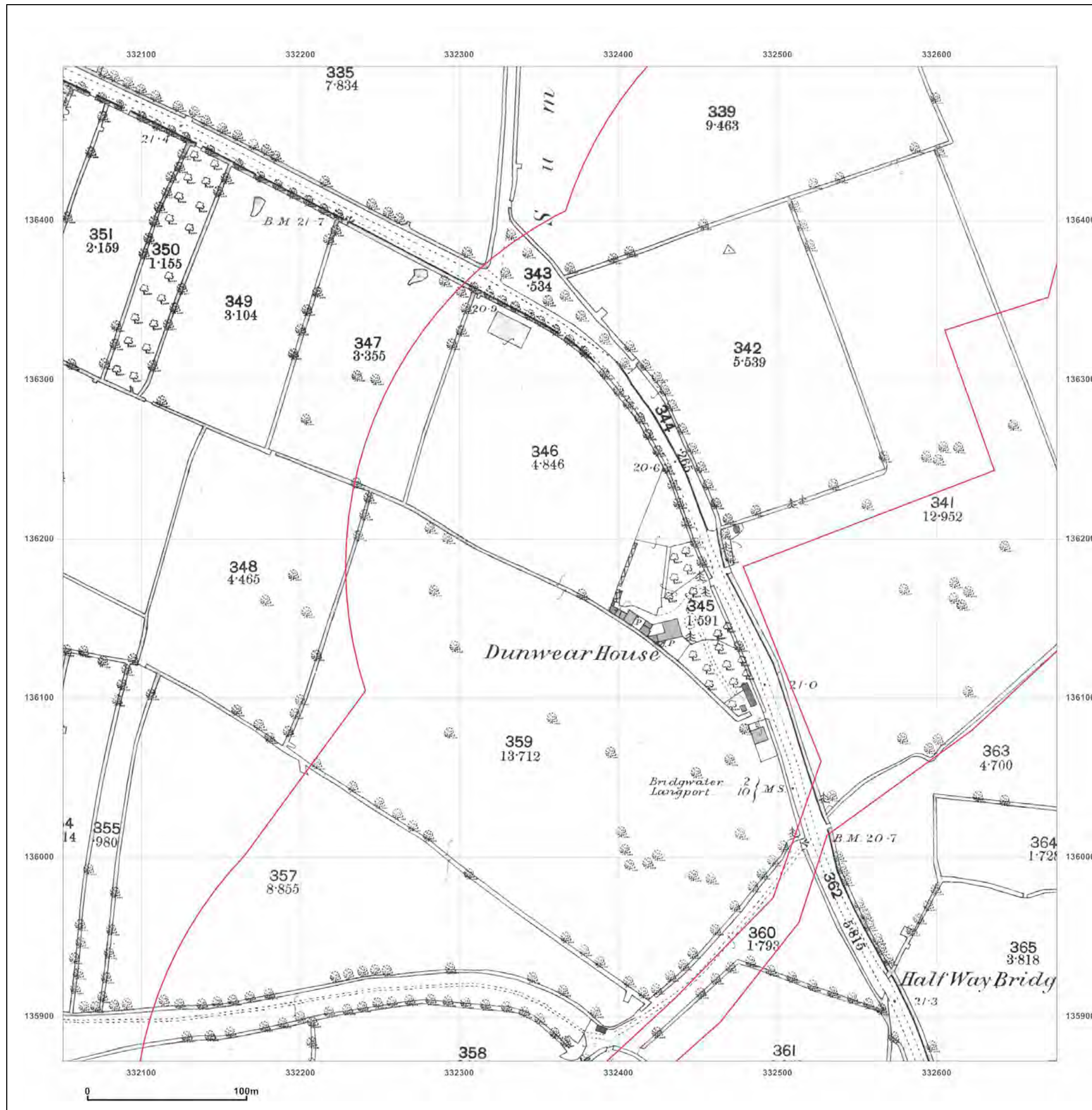


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C10
Grid Ref: 332363, 136785

Map Name: National Grid

Map date: 1994

Scale: 1:1,250

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
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 Edition N/A
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 Levelled N/A

Surveyed N/A
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 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C10
Grid Ref: 332363, 136785

Map Name: National Grid

Map date: 1992

Scale: 1:1,250

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1992
 Levelled N/A



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Site Details:

Hinkley Project

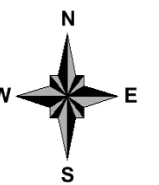
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C10
Grid Ref: 332363, 136785

Map Name: National Grid

Map date: 1990

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1961
 Revised 1990
 Edition N/A
 Copyright 1990
 Levelled 1961

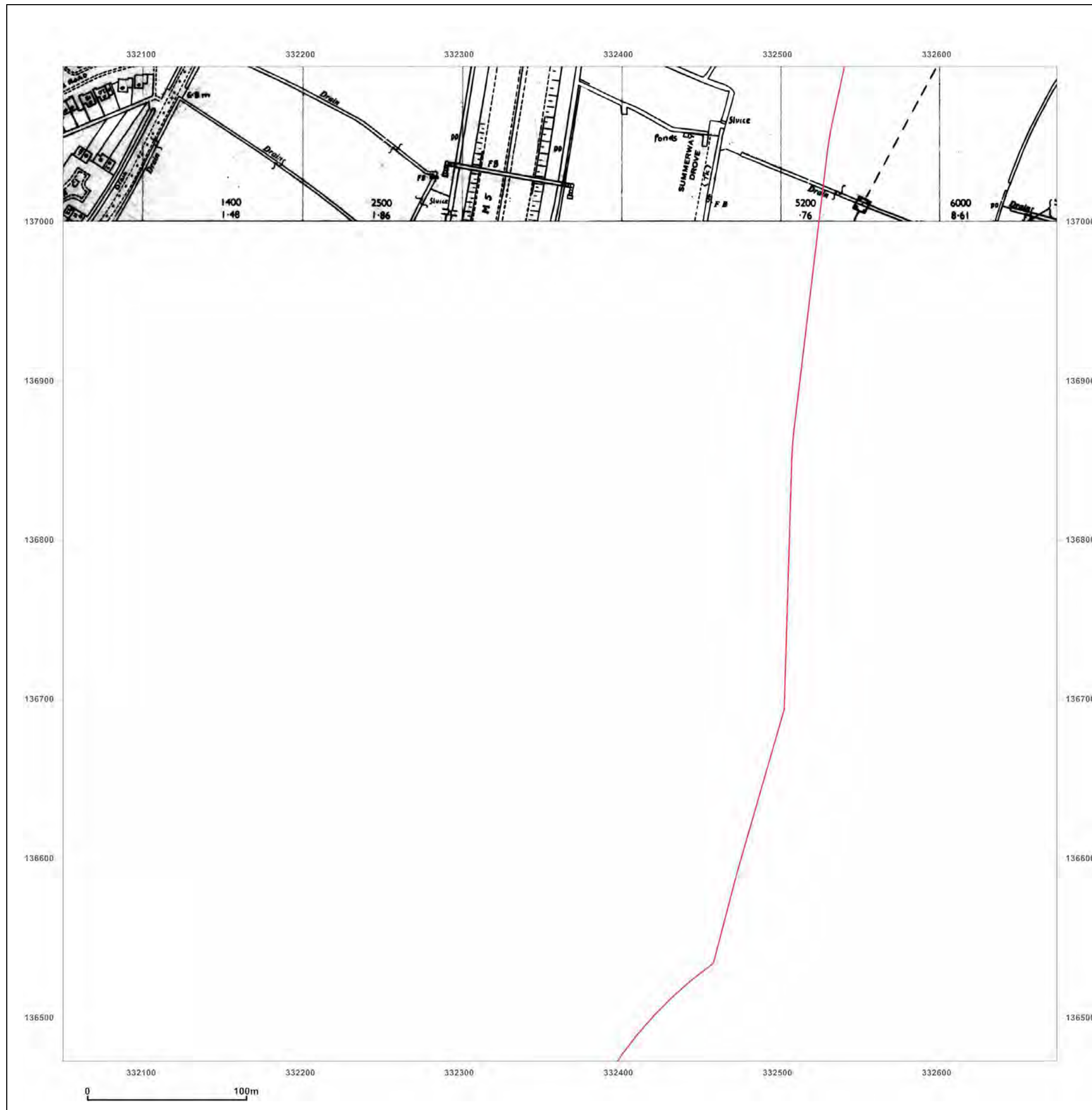


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Hinkley Project

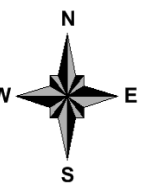
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Report Ref: HMD-278-816308_1_LS_C10
Grid Ref: 332363, 136785

Map Name: National Grid

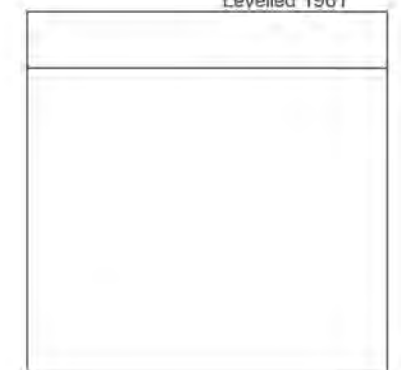
Map date: 1990

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1961
 Revised 1990
 Edition N/A
 Copyright 1990
 Levelled 1961

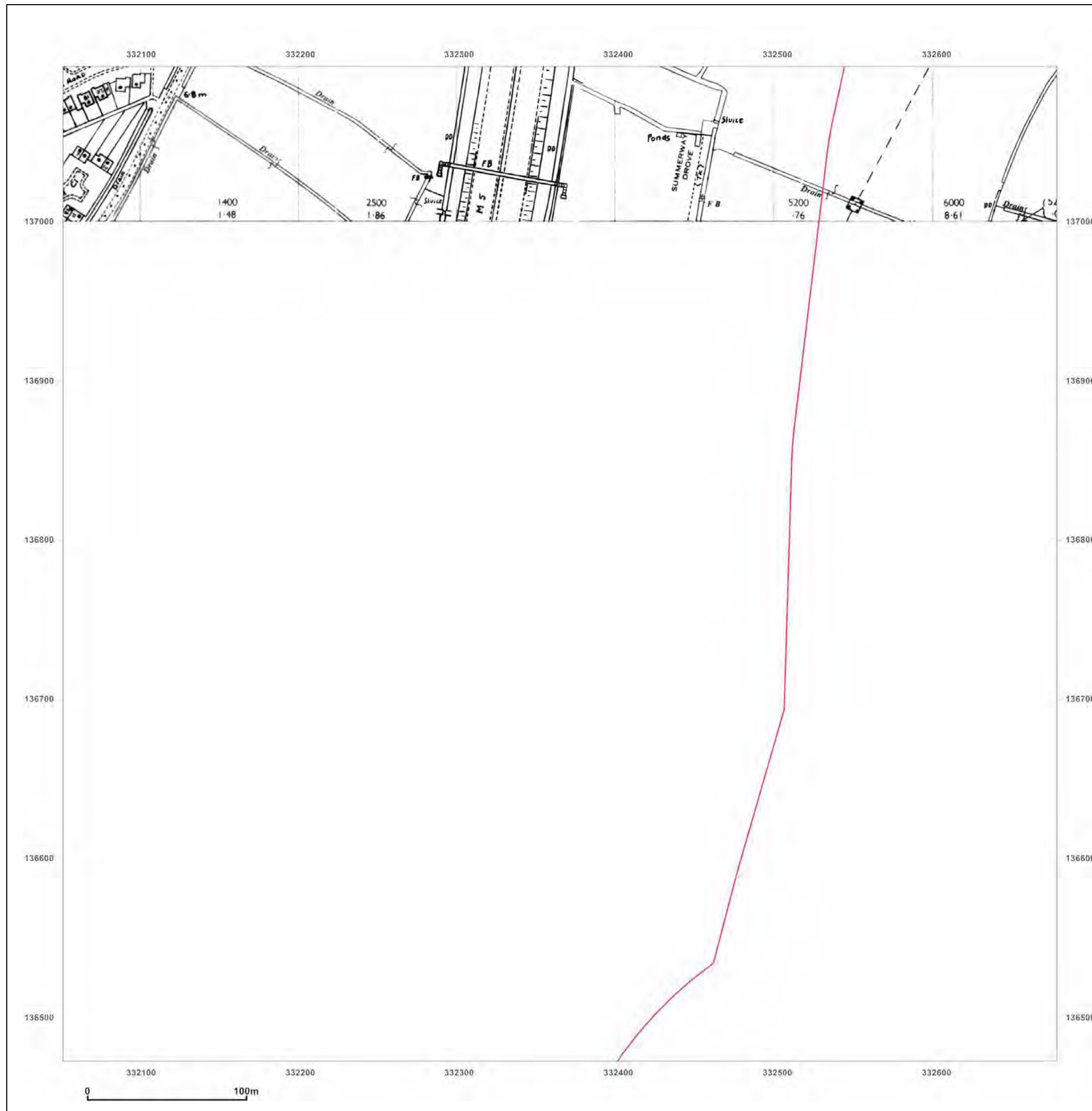


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C10
Grid Ref: 332363, 136785

Map Name: National Grid

Map date: 1989

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1989
 Levelled 1961

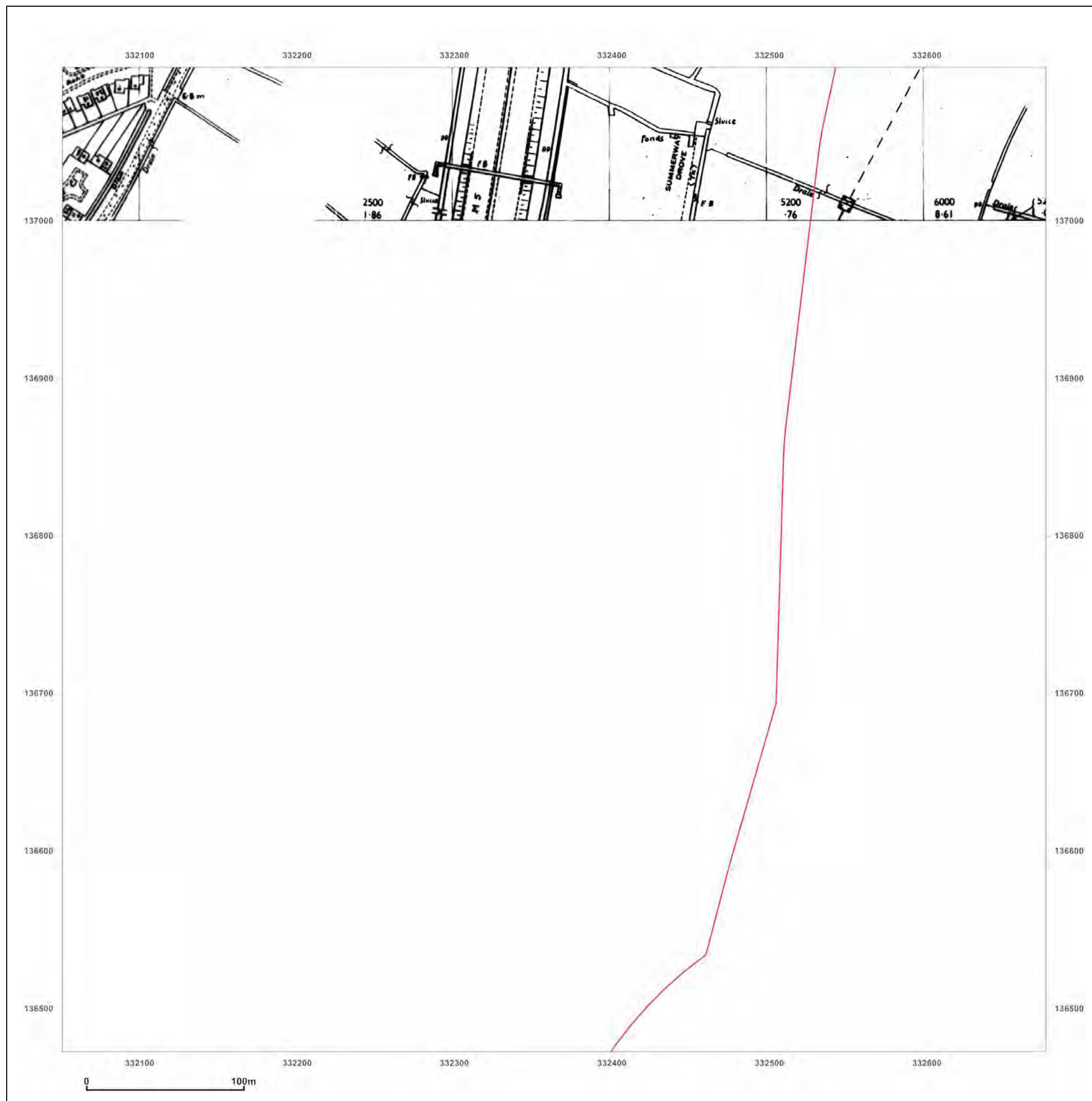


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C10
Grid Ref: 332363, 136785

Map Name: National Grid

Map date: 1986

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1961
 Revised 1986
 Edition N/A
 Copyright 1986
 Levelled 1961

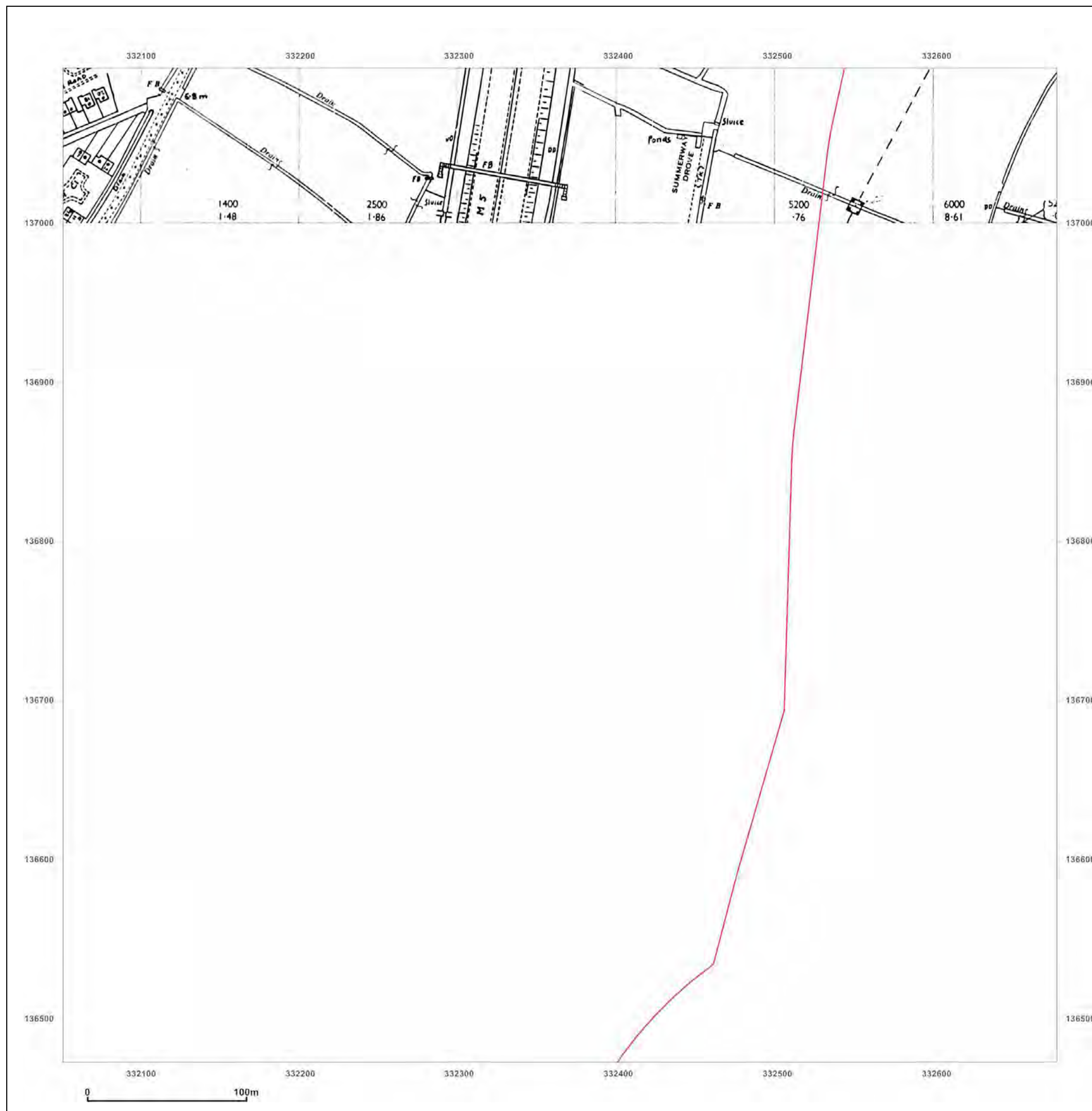


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C10
Grid Ref: 332363, 136785

Map Name: National Grid

Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1970
 Levelled 1961

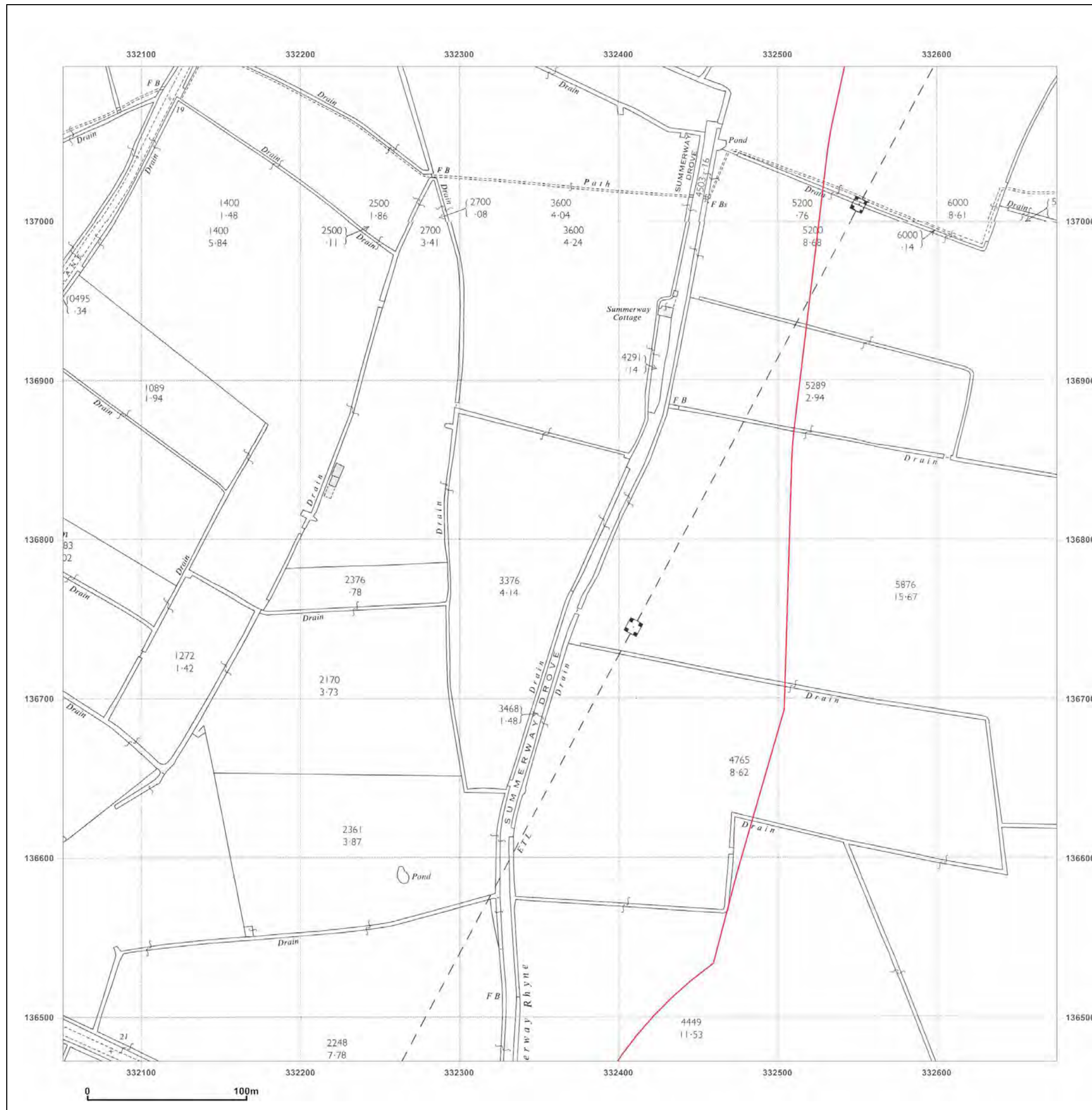


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C10
Grid Ref: 332363, 136785

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

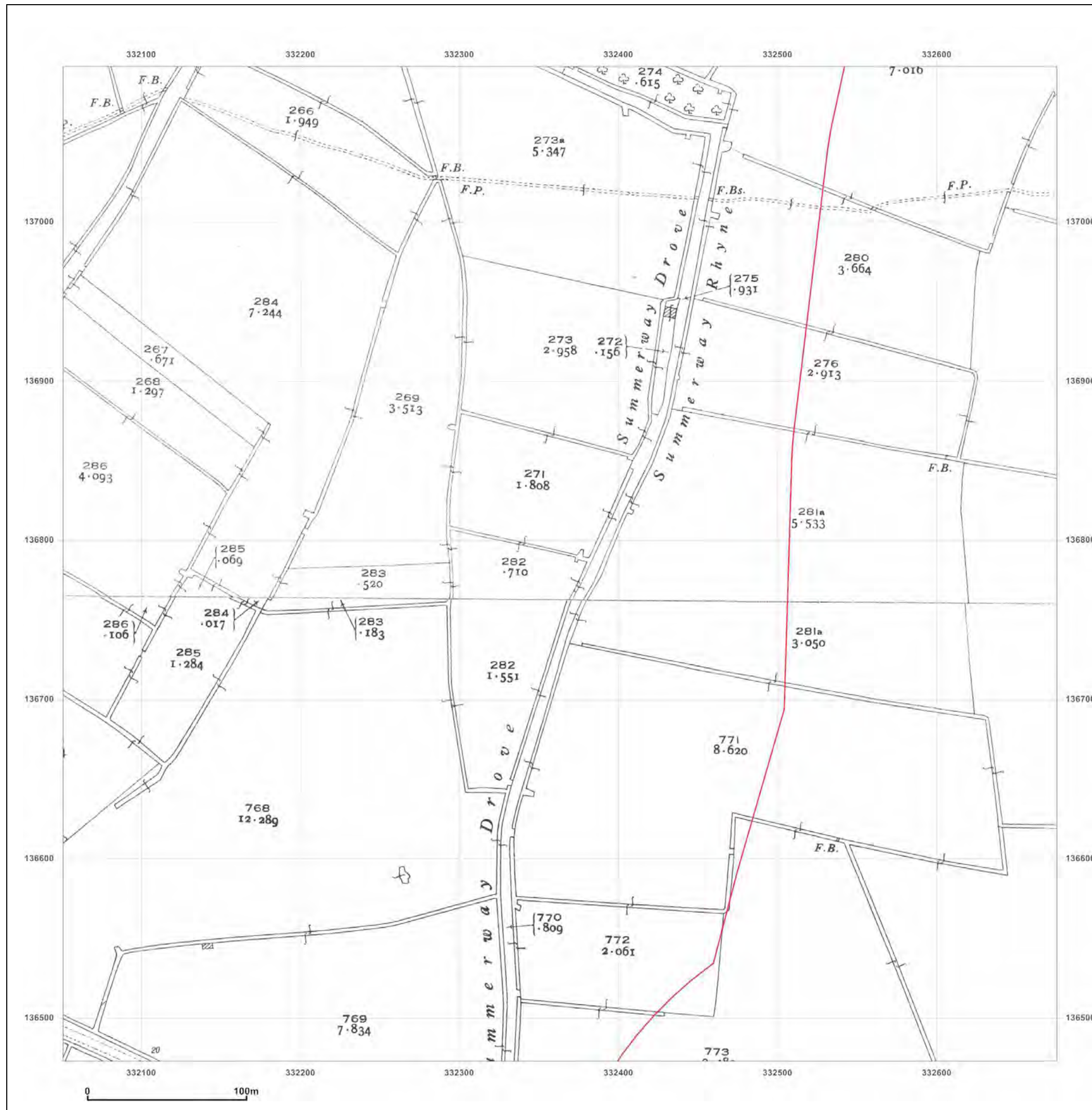


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C10
Grid Ref: 332363, 136785

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

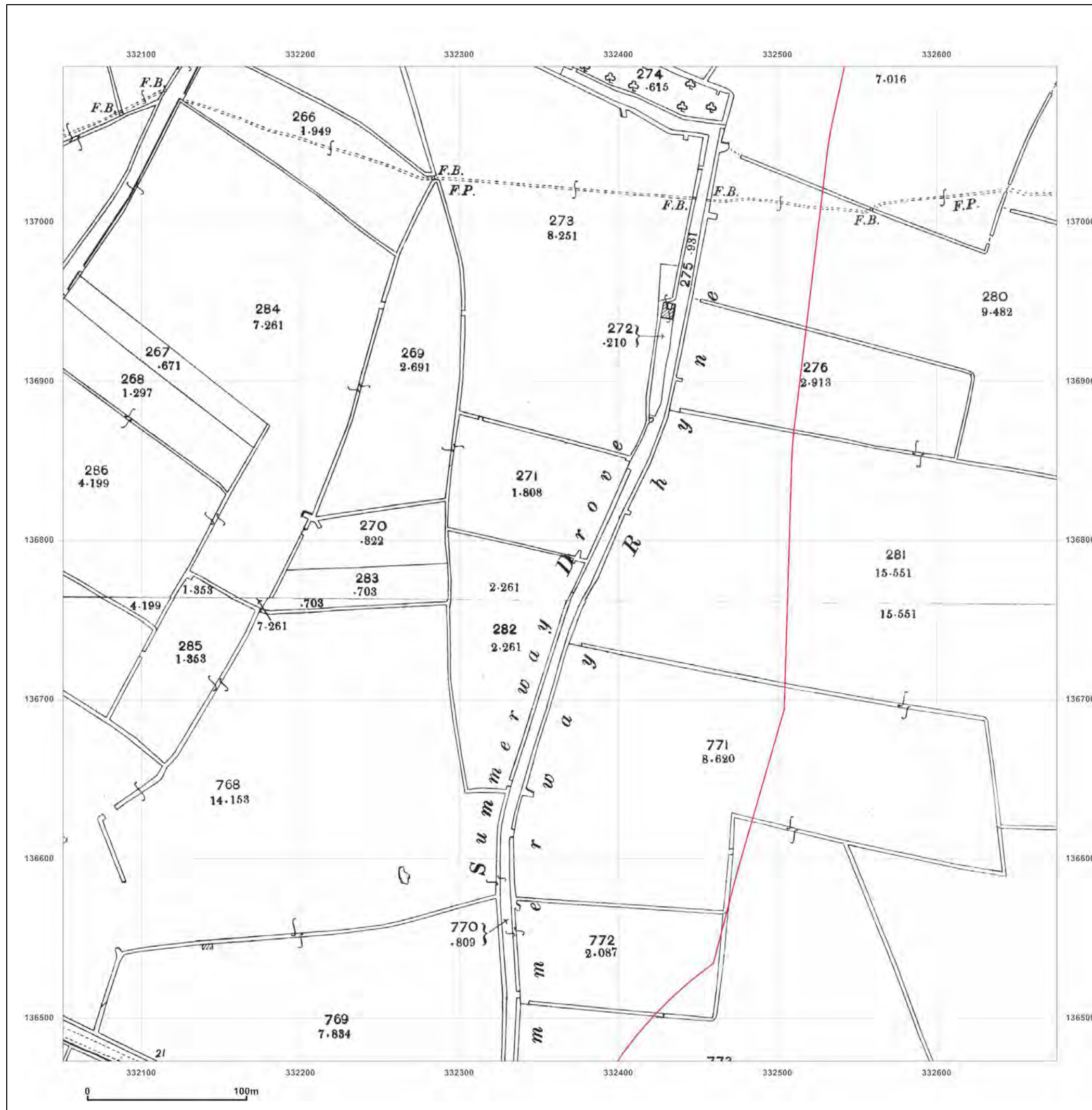


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C9
Grid Ref: 332740, 137385

Map Name: National Grid

Map date: 1994

Scale: 1:1,250

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

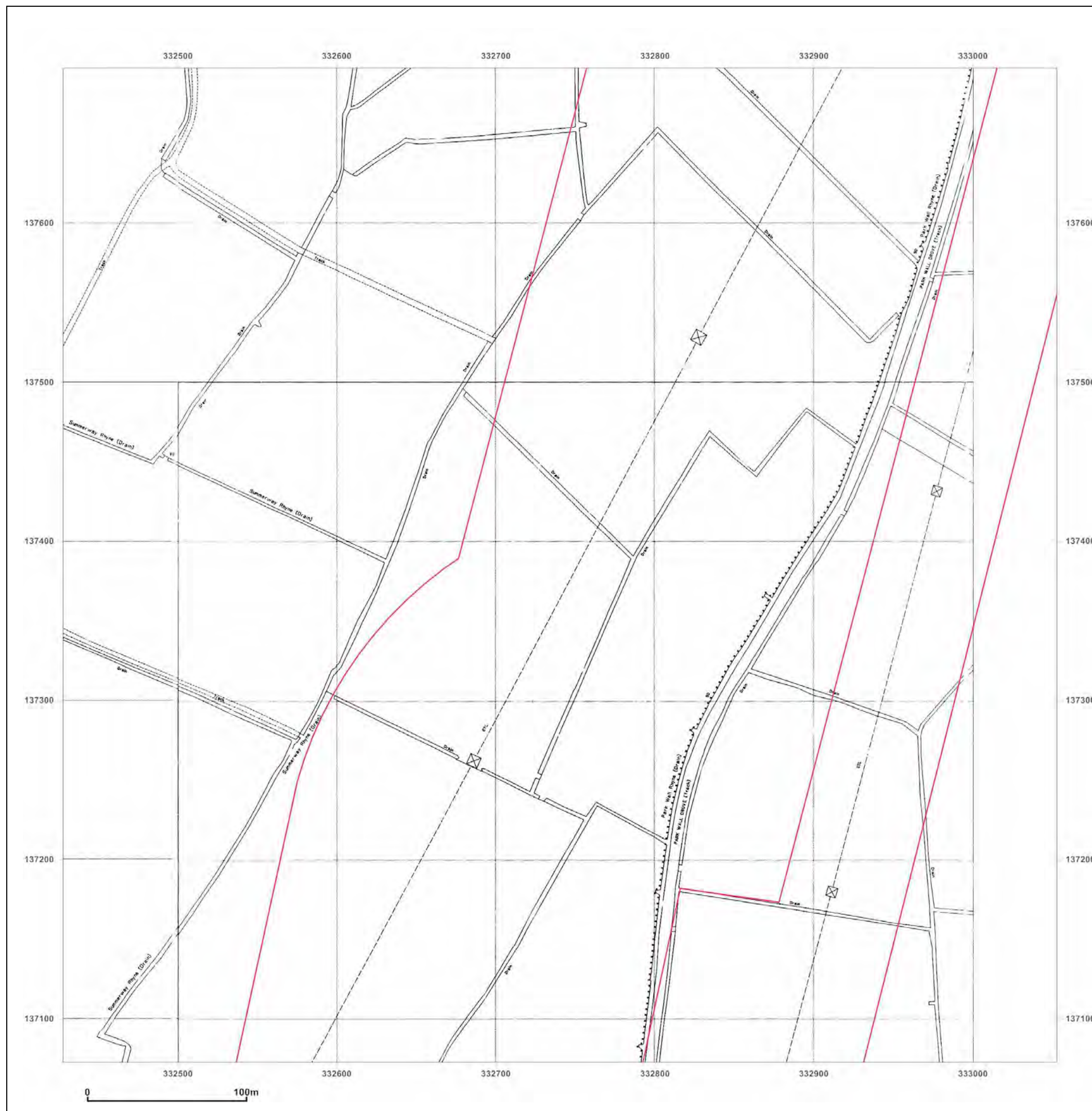


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C9
Grid Ref: 332740, 137385

Map Name: National Grid

Map date: 1990-1994

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1961
 Revised 1990
 Edition N/A
 Copyright 1990
 Levelled 1961

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

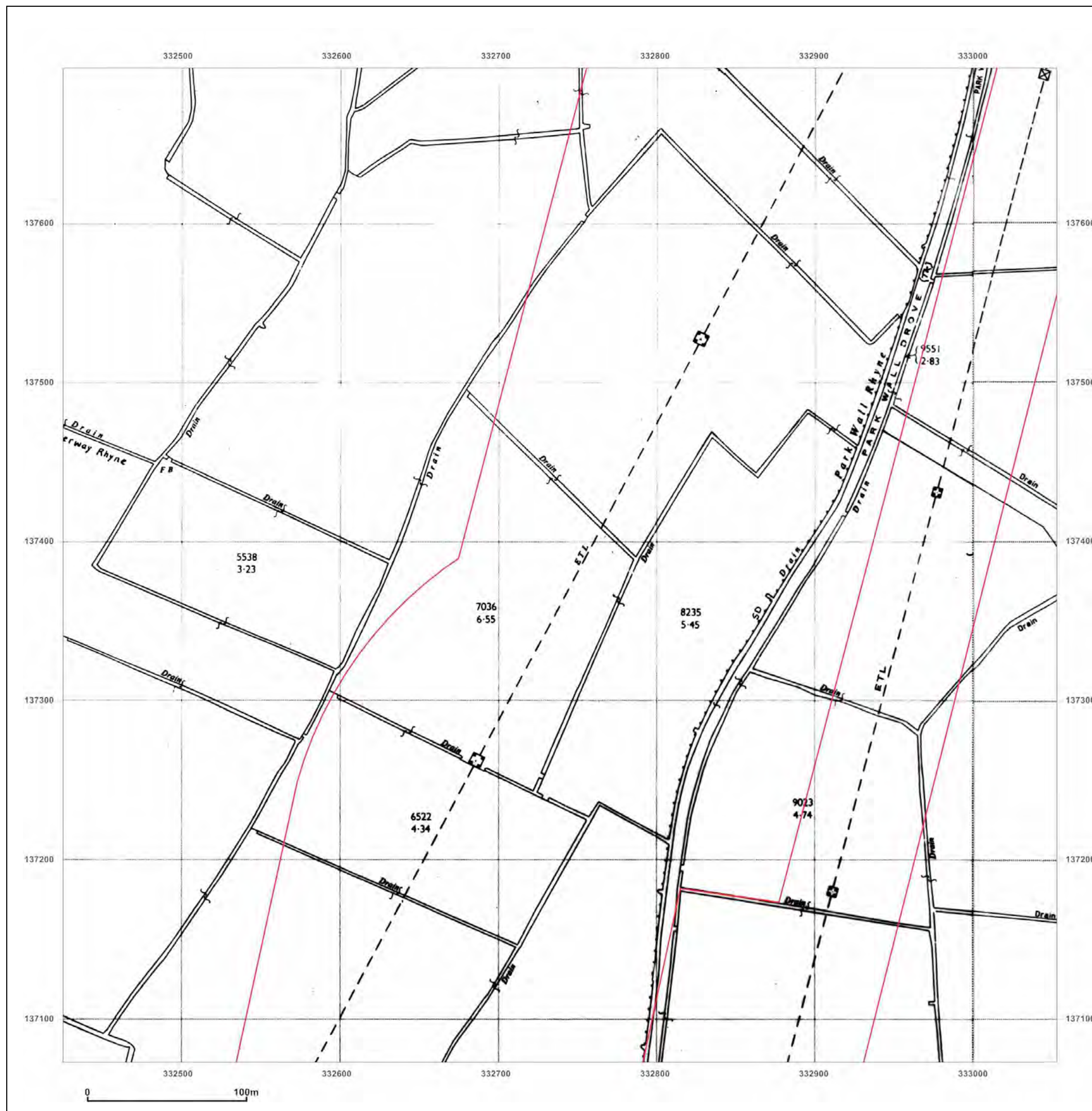


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C9
Grid Ref: 332740, 137385

Map Name: National Grid

Map date: 1990

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1961
 Revised 1990
 Edition N/A
 Copyright 1990
 Levelled 1961

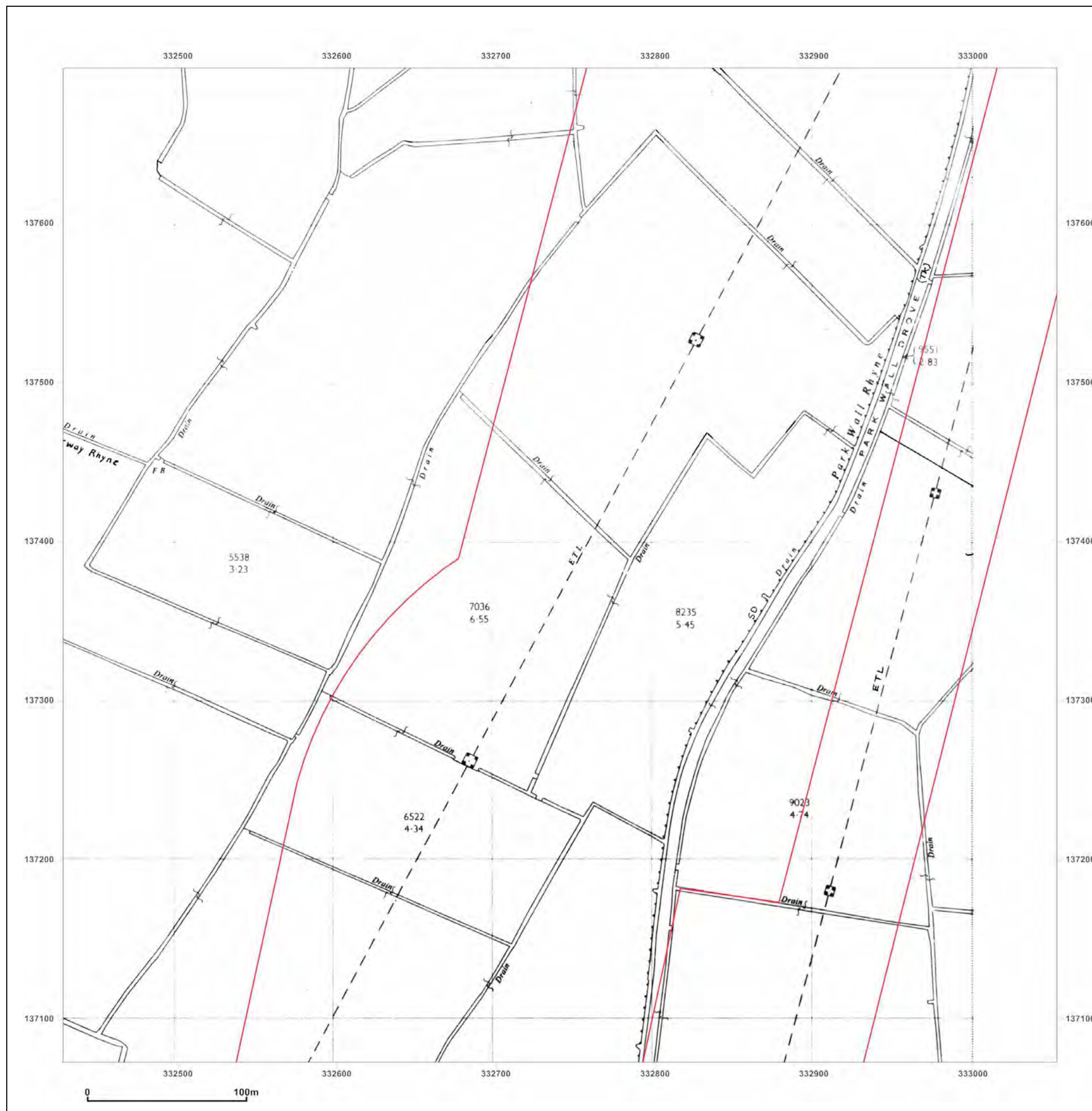


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C9
Grid Ref: 332740, 137385

Map Name: National Grid

Map date: 1989

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1989
 Levelled 1961

Surveyed 1963
 Revised 1989
 Edition N/A
 Copyright 1989
 Levelled 1963



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Site Details:

Hinkley Project

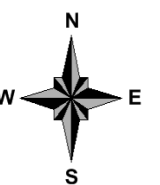
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C9
Grid Ref: 332740, 137385

Map Name: National Grid

Map date: 1986

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1961
 Revised 1986
 Edition N/A
 Copyright 1986
 Levelled 1961



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C9
Grid Ref: 332740, 137385

Map Name: National Grid

Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

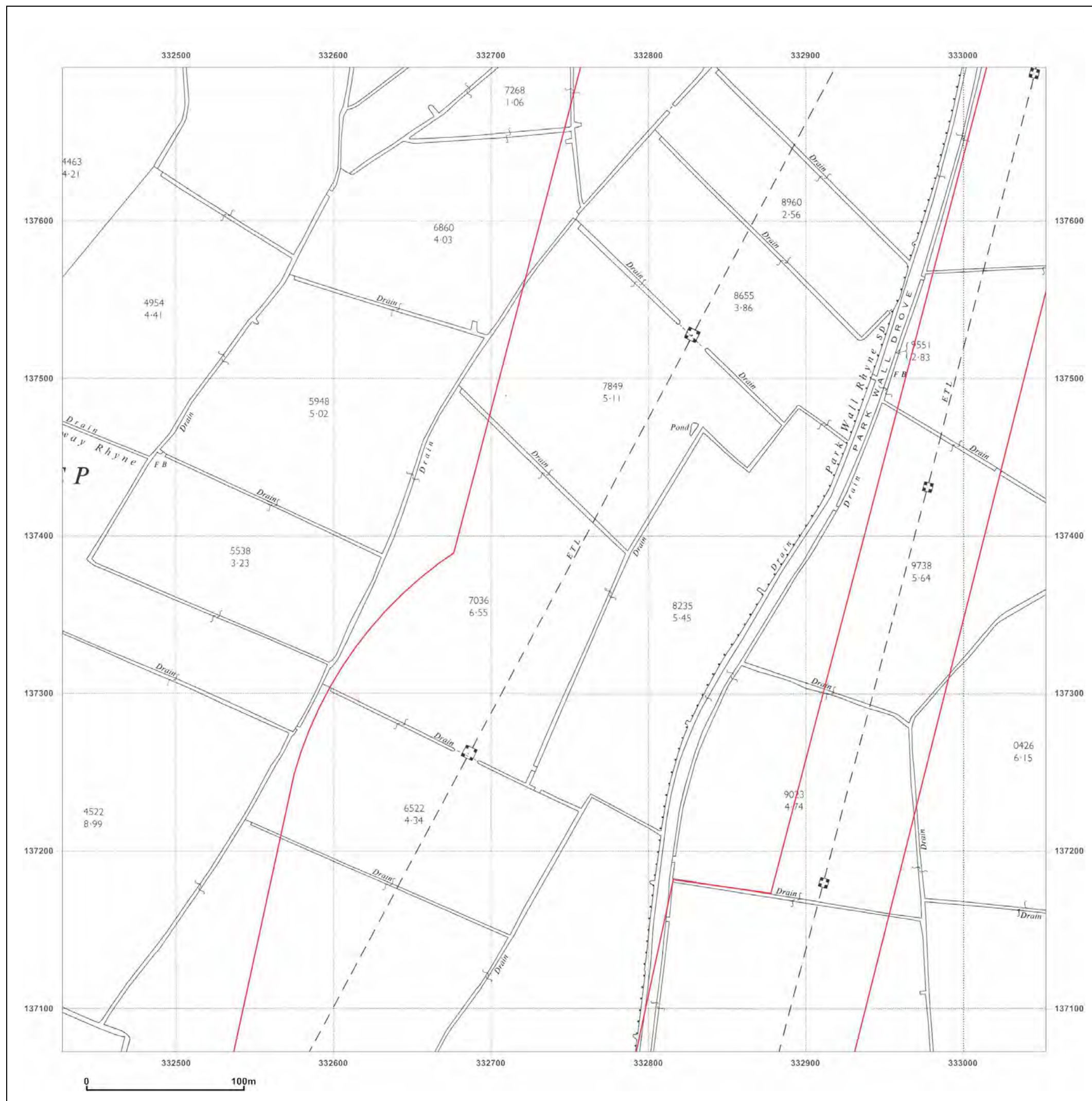


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To view map legend click here [REDACTED]



Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C9
Grid Ref: 332740, 137385

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

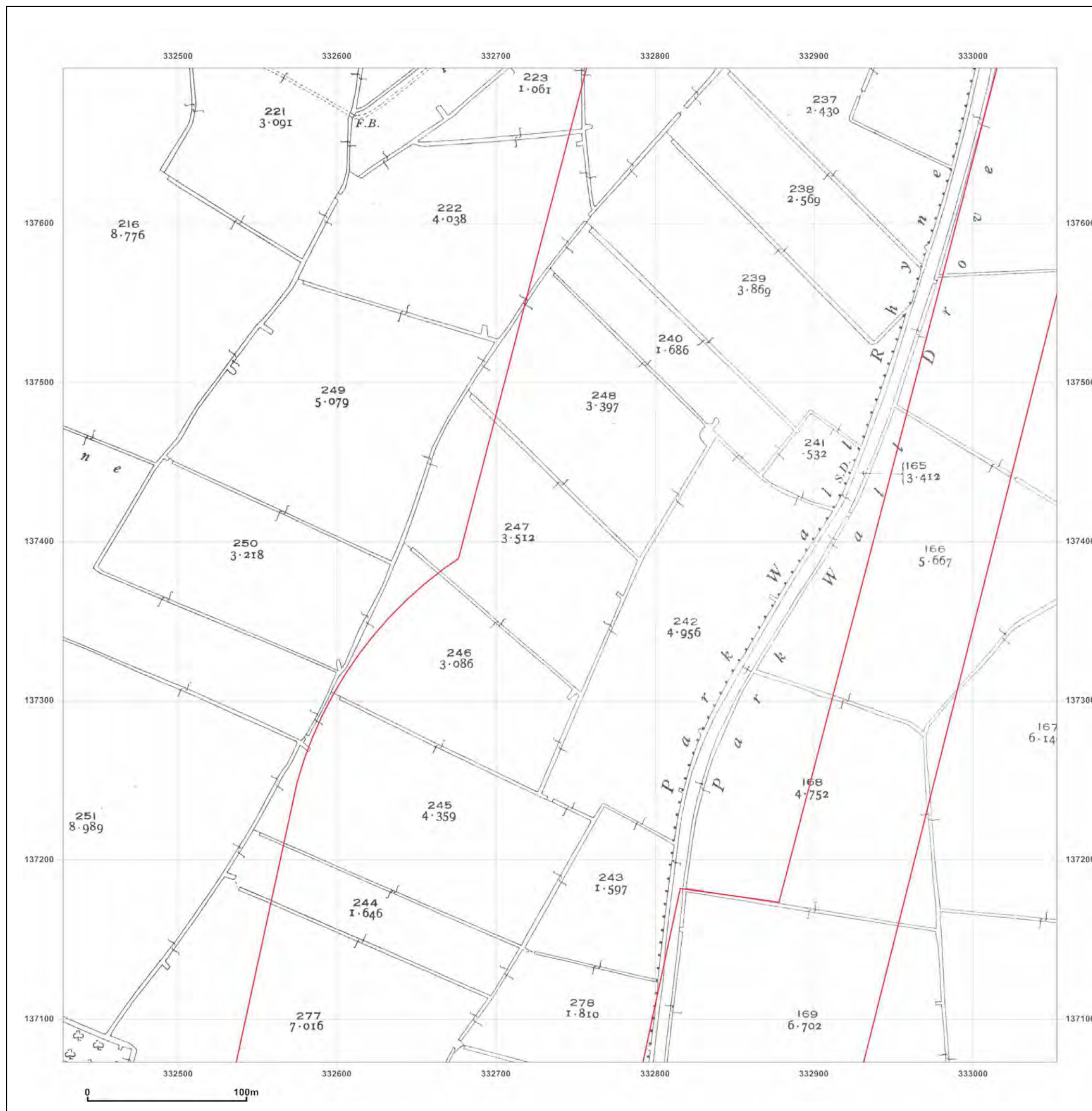


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C9
Grid Ref: 332740, 137385

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

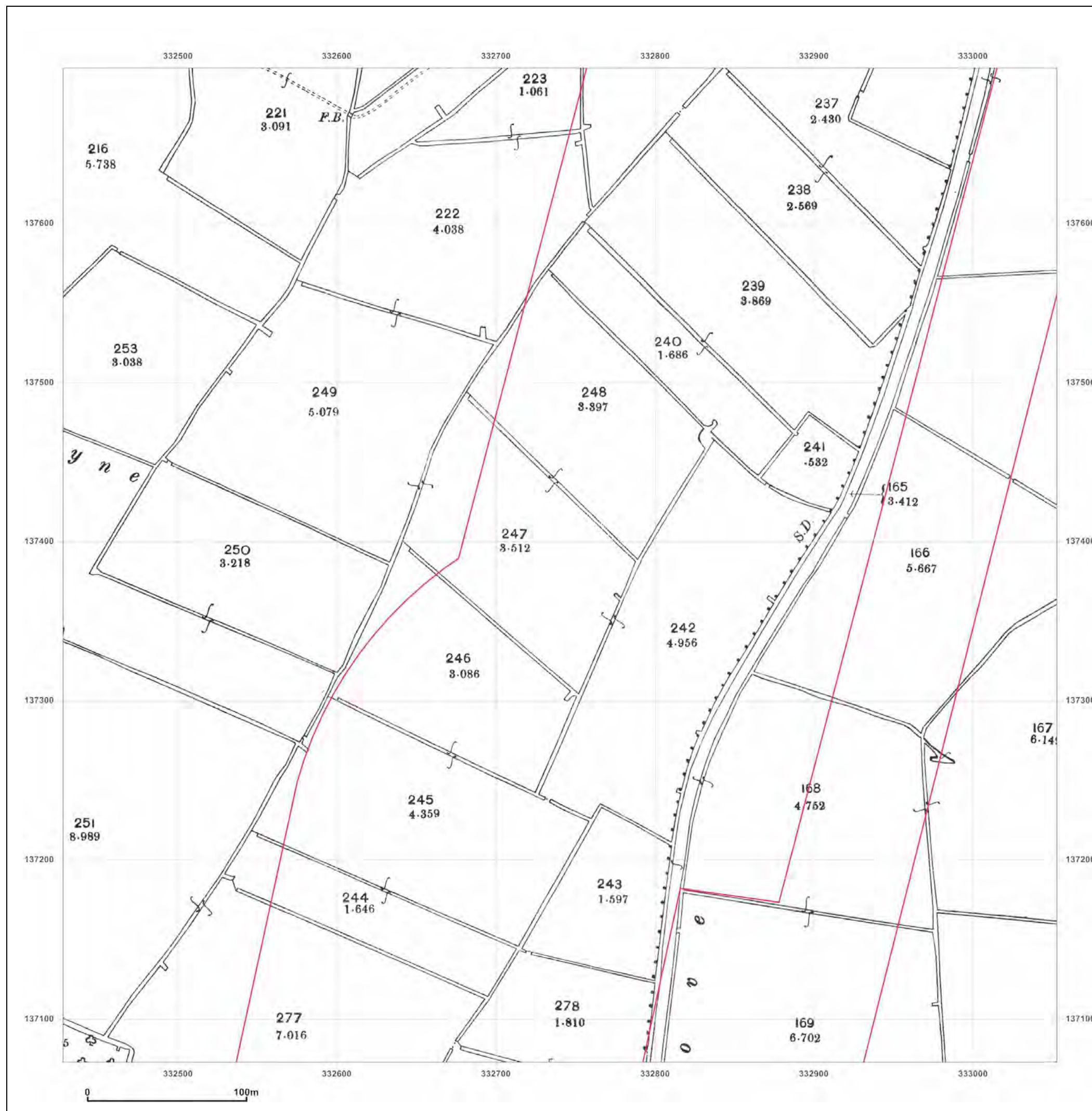


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C9
Grid Ref: 332740, 137385

Map Name: County Series

Map date: 1889

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1889
 Revised 1889
 Edition N/A
 Copyright N/A
 Levelled N/A

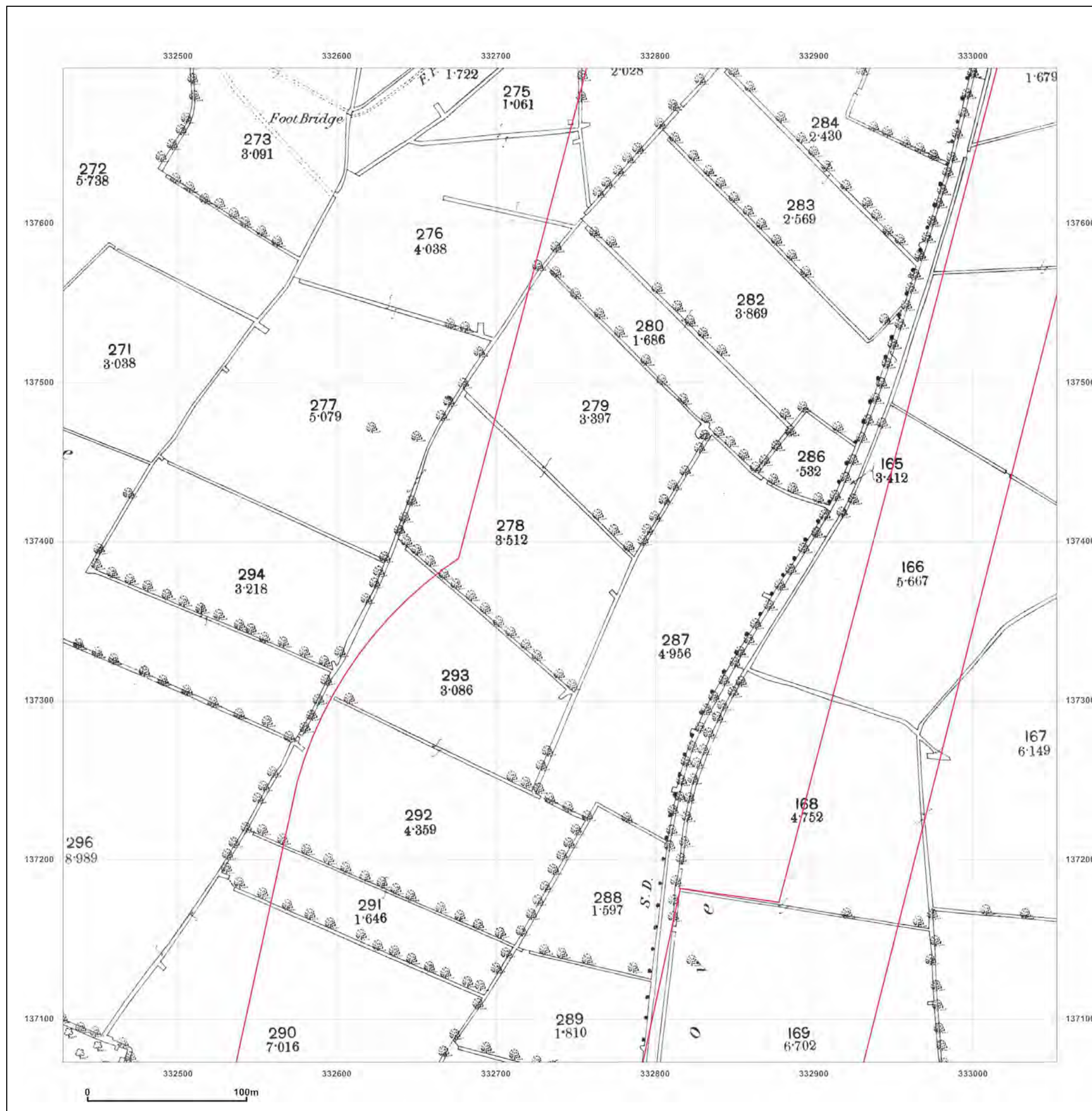


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Site Details:
Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C8
Grid Ref: 332740, 137986

Map Name: National Grid

Map date: 1994

Scale: 1:1,250

Printed at: 1:2,500



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

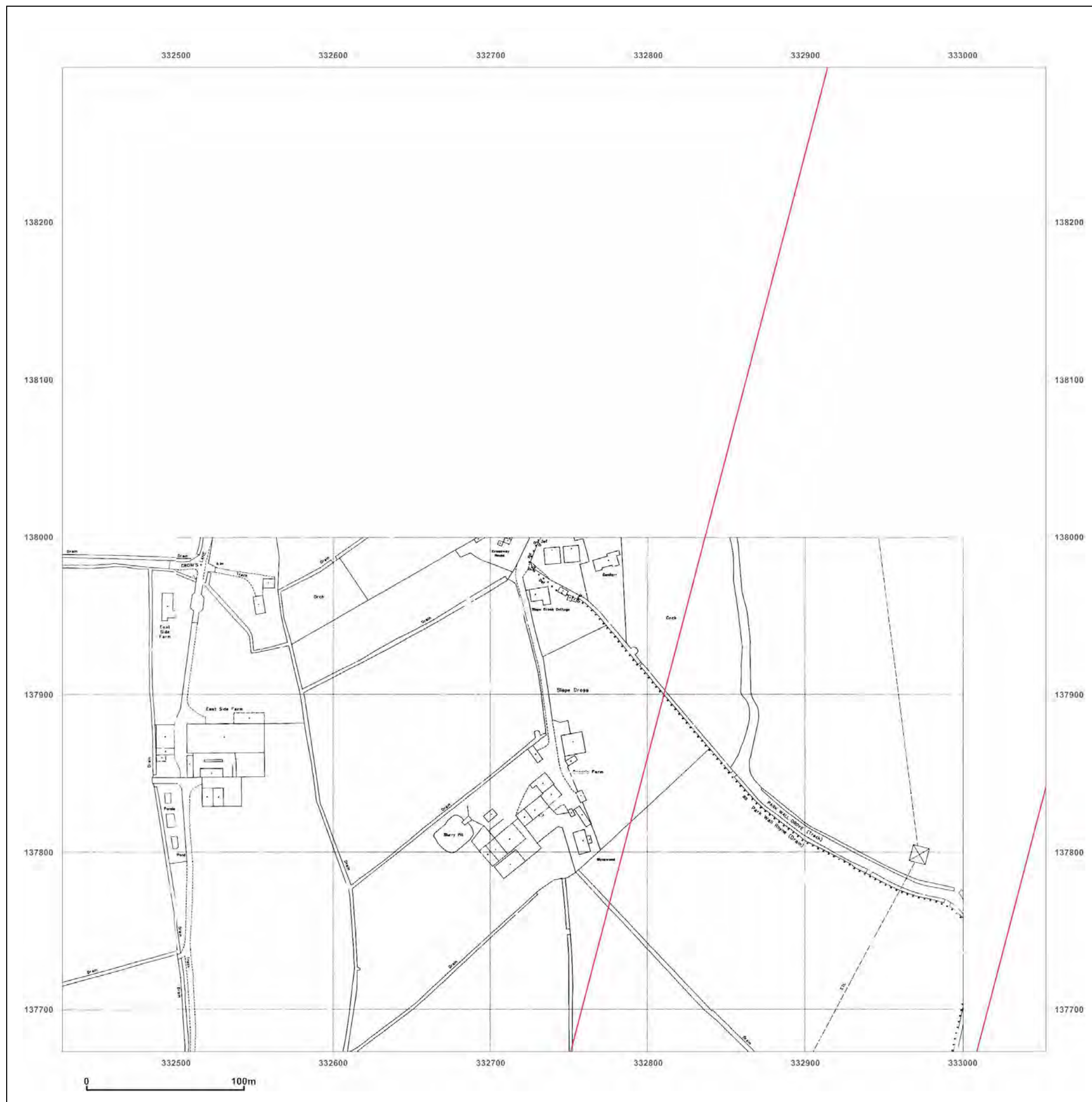


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Production date: 21 May 2013

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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C8
Grid Ref: 332740, 137986

Map Name: National Grid

Map date: 1989-1994

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1989
 Levelled 1961

Surveyed 1963
 Revised 1989
 Edition N/A
 Copyright 1989
 Levelled 1963

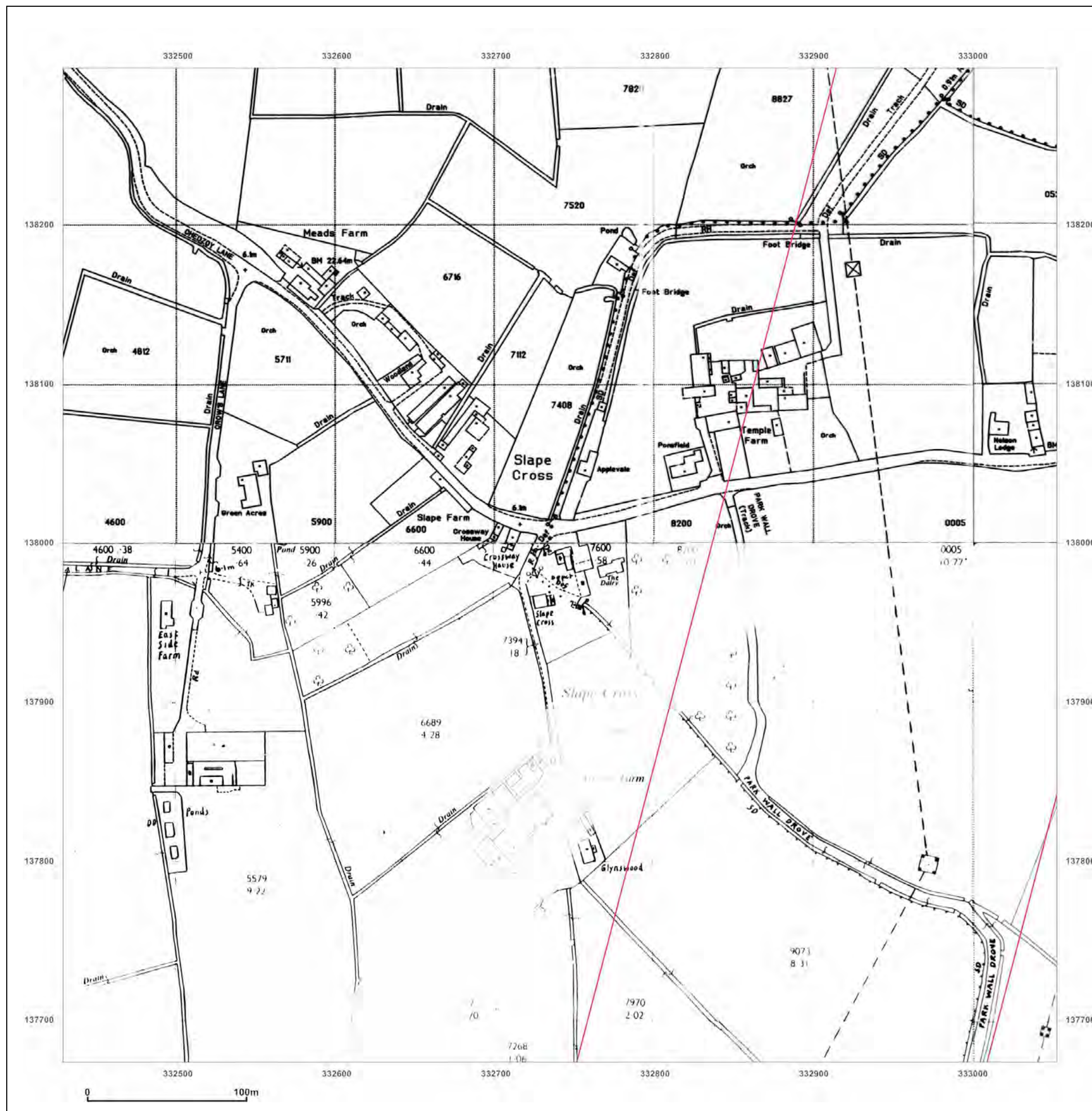


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C8
Grid Ref: 332740, 137986

Map Name: National Grid

Map date: 1990

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1981
 Revised 1990
 Edition N/A
 Copyright 1990
 Levelled 1961

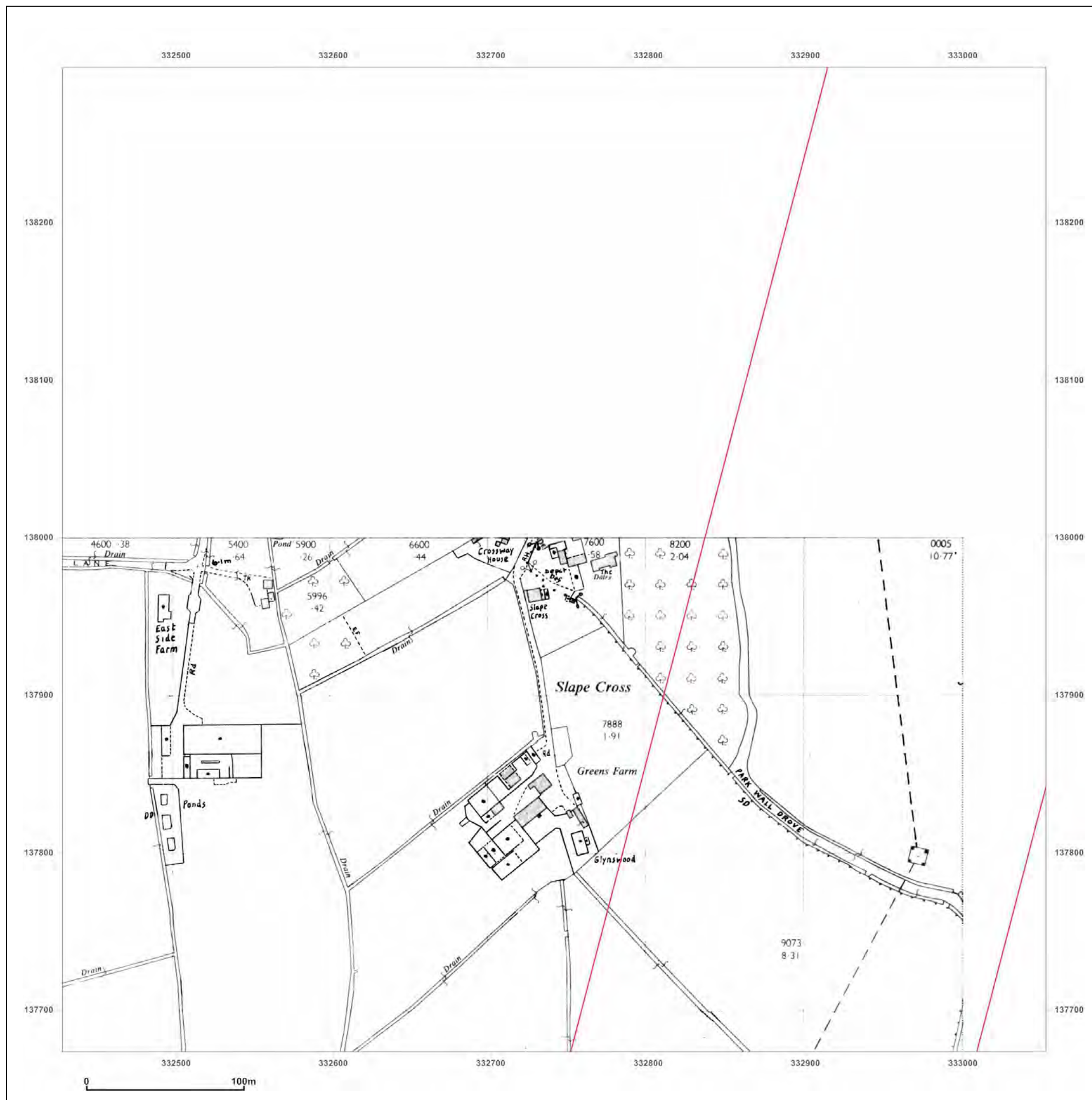


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Production date: 21 May 2013

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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C8
Grid Ref: 332740, 137986

Map Name: National Grid

Map date: 1986

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1981
 Revised 1986
 Edition N/A
 Copyright 1986
 Levelled 1961

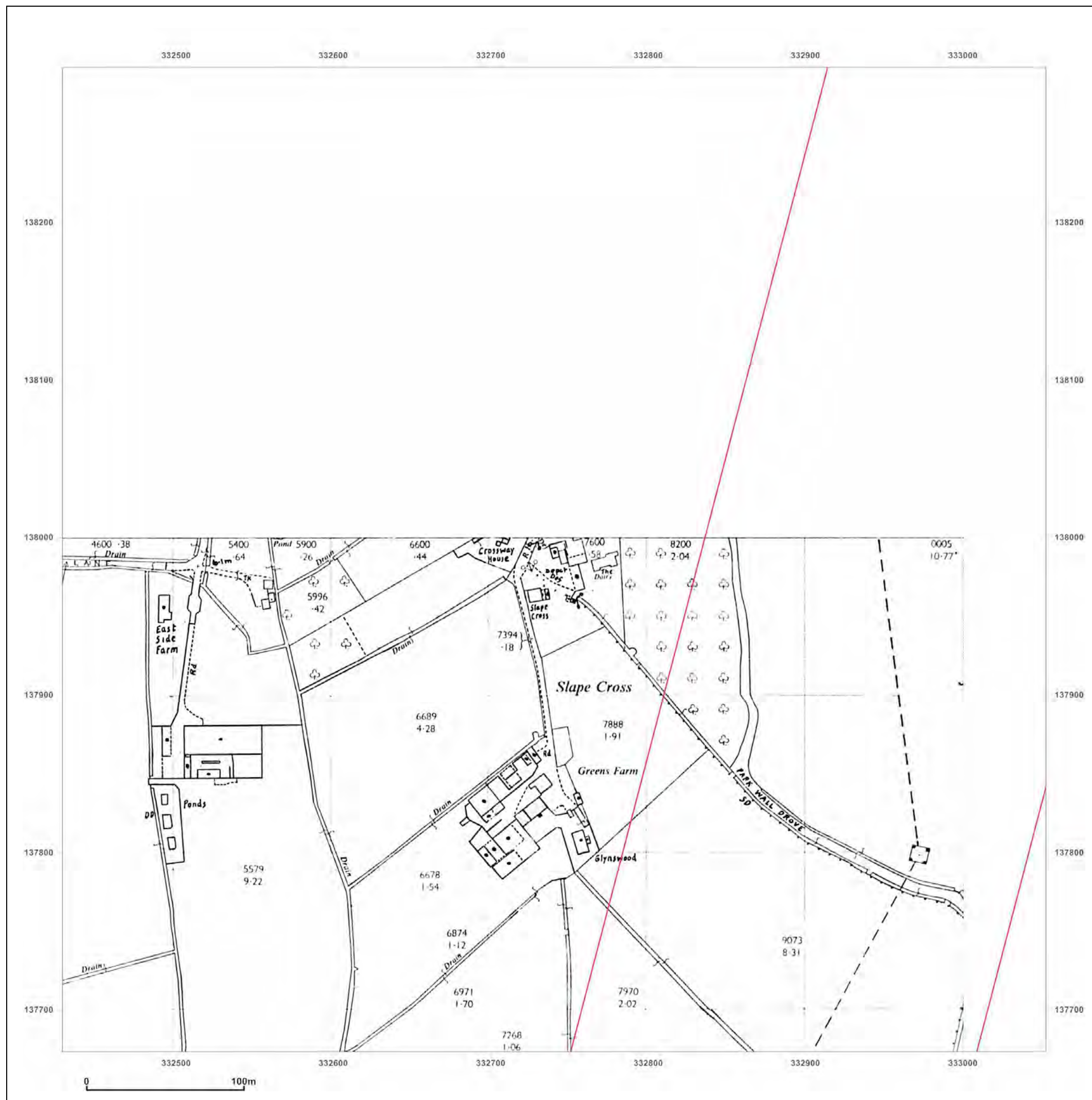


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C8
Grid Ref: 332740, 137986

Map Name: National Grid

Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

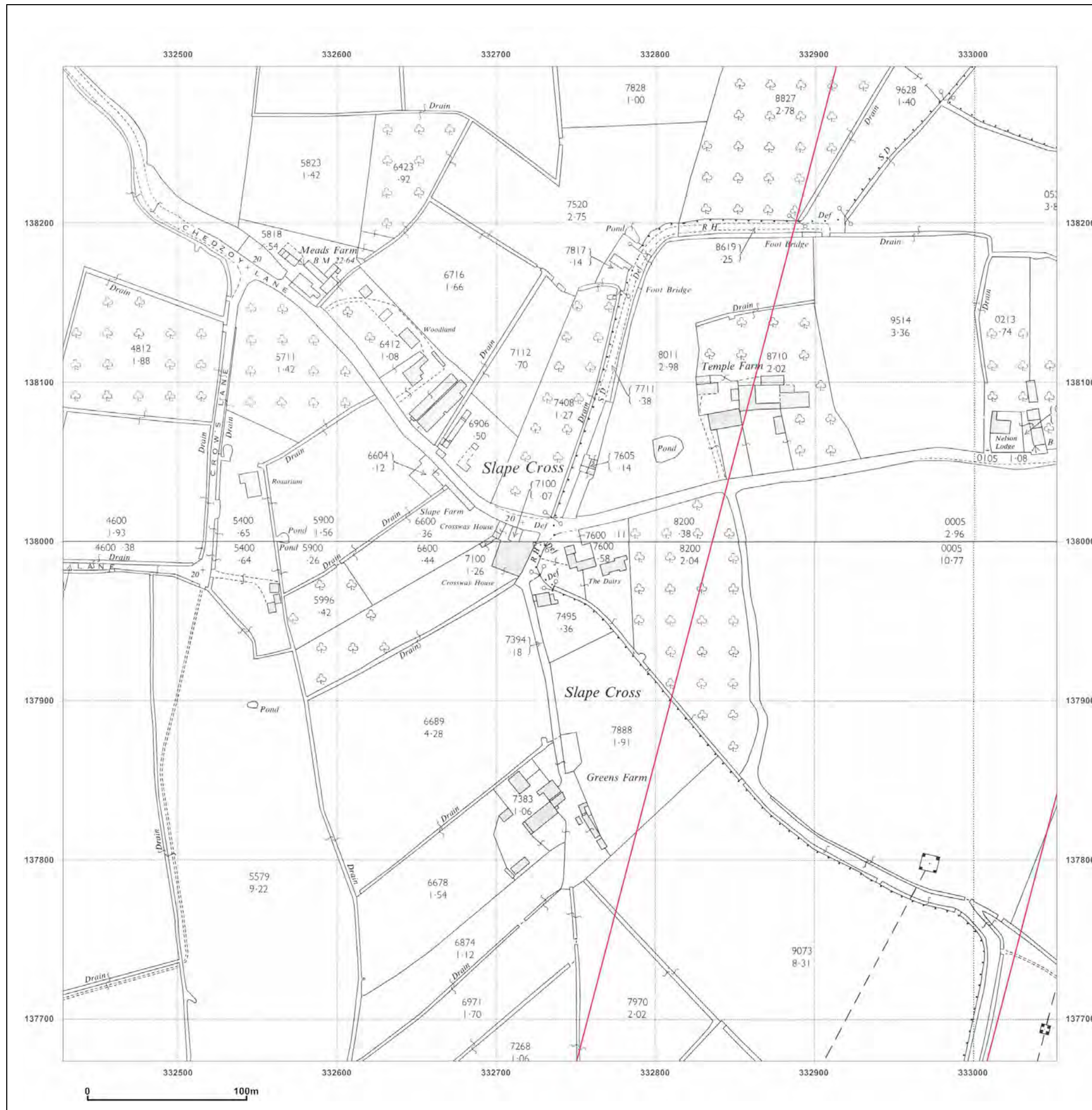


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C8
Grid Ref: 332740, 137986

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

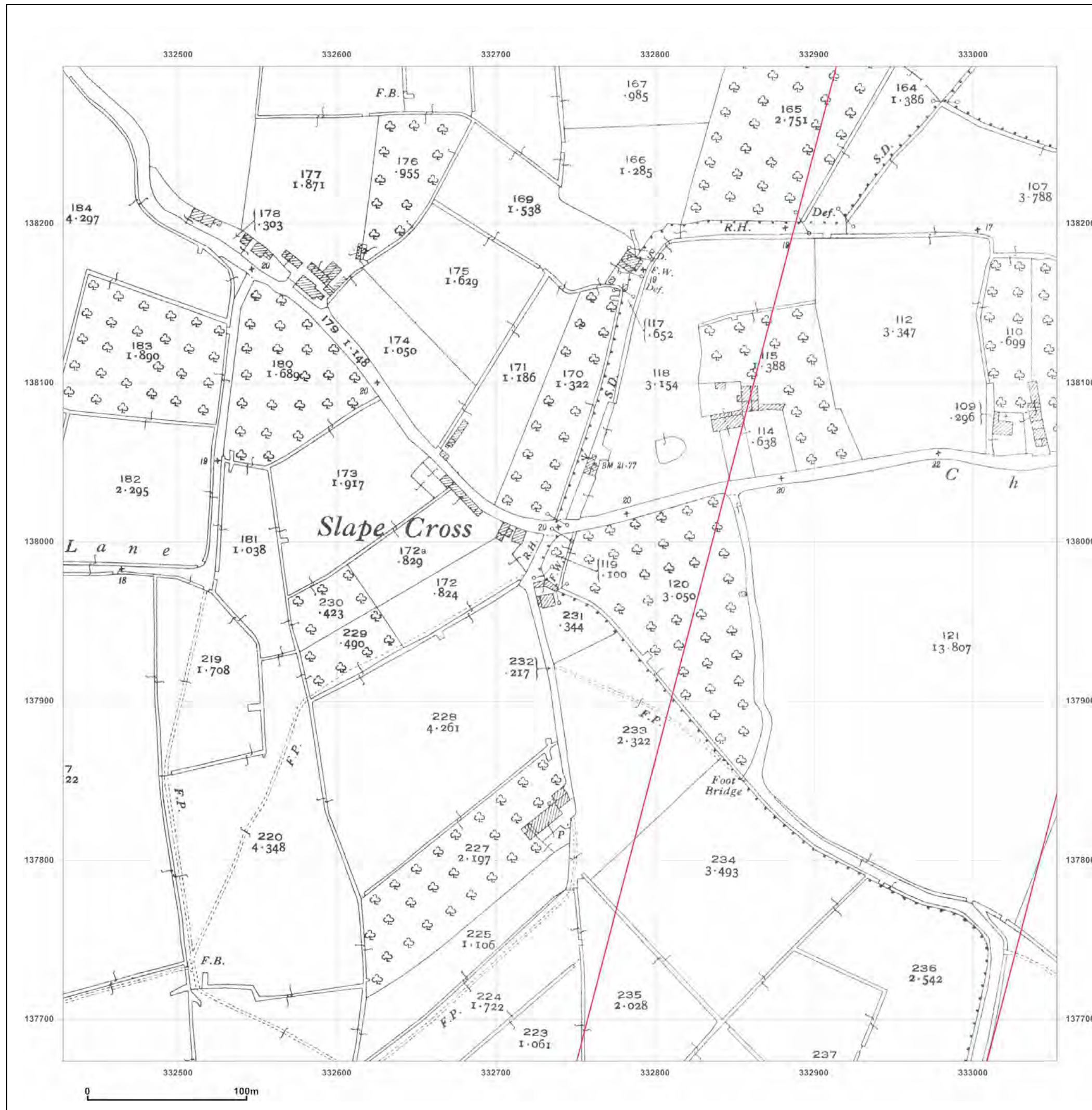


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C8
Grid Ref: 332740, 137986

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

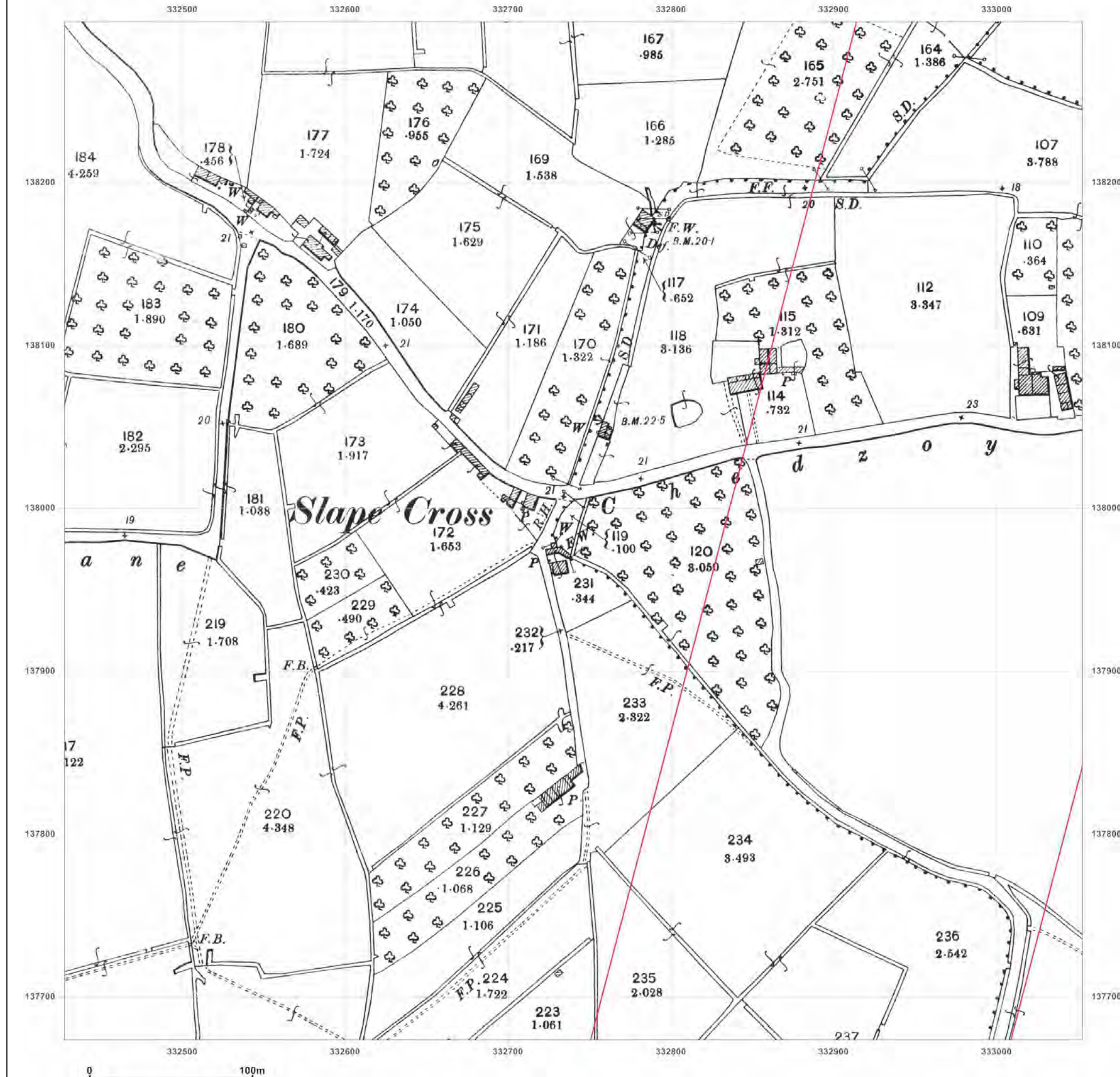


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C8
Grid Ref: 332740, 137986

Map Name: County Series

Map date: 1889

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1889
 Revised 1889
 Edition N/A
 Copyright N/A
 Levelled N/A

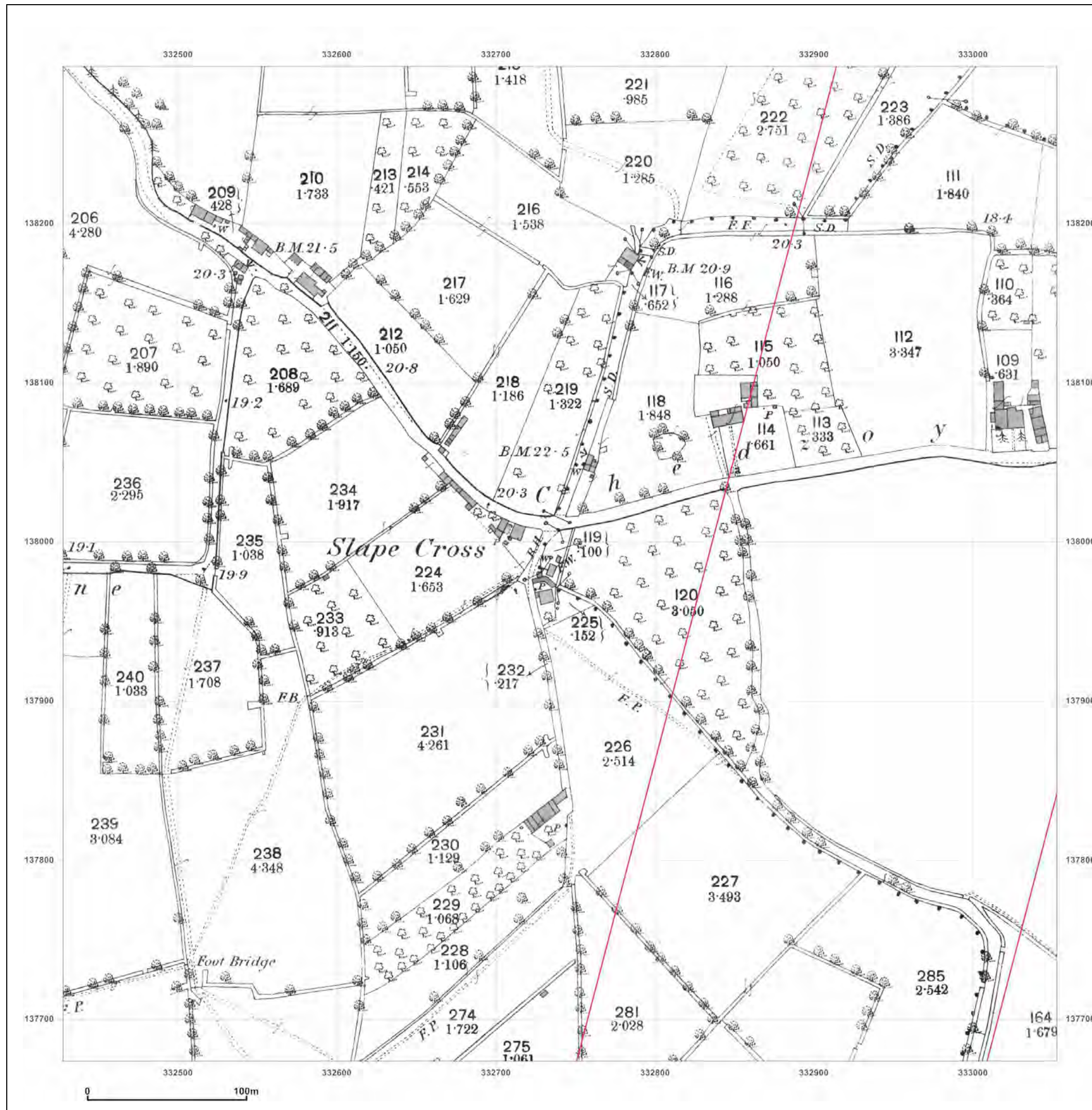


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C7
Grid Ref: 333119, 138586

Map Name: National Grid

Map date: 1994

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

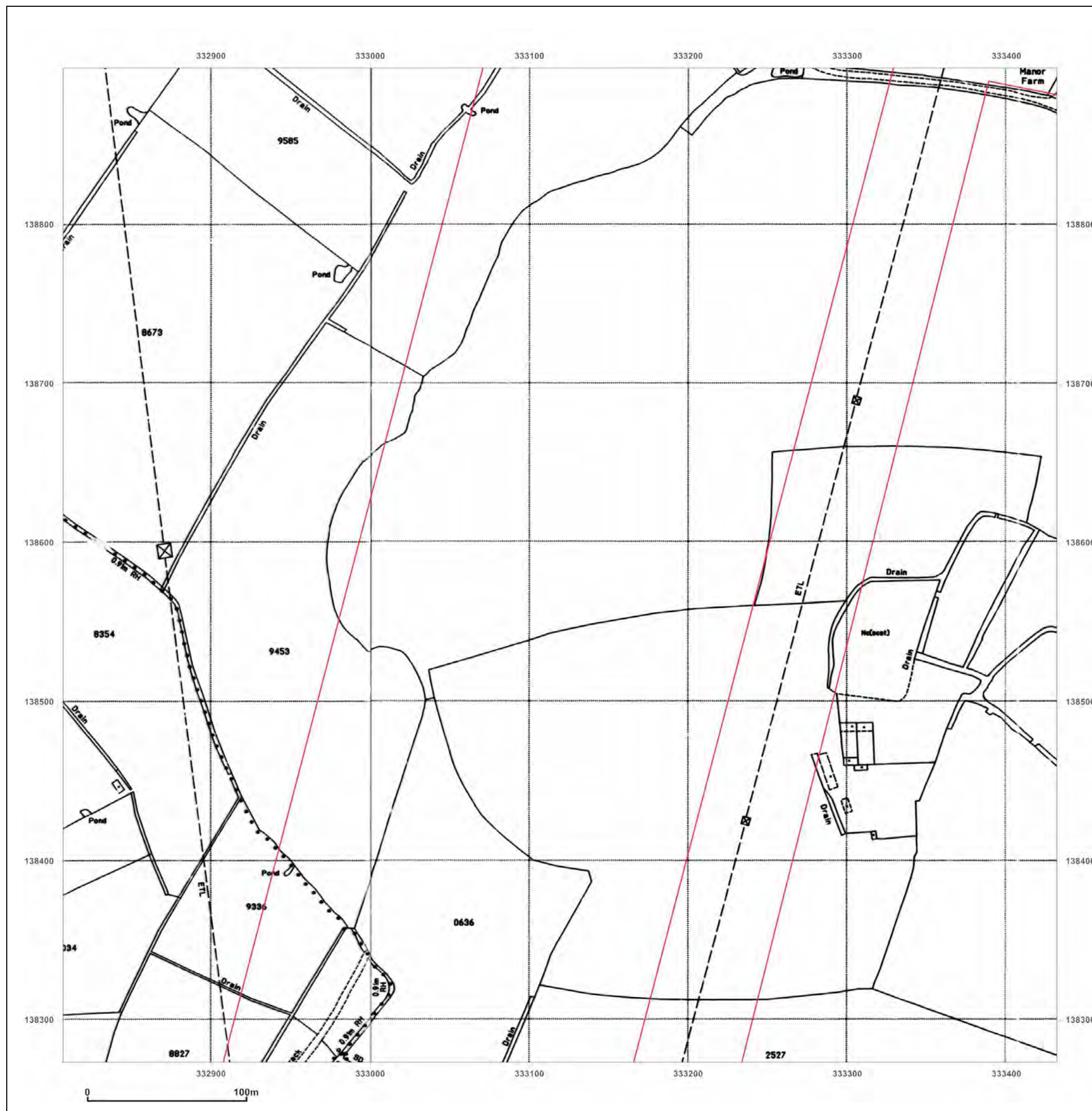


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Site Details:
Hinkley Project

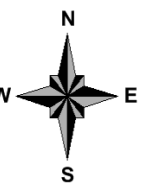
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C7
Grid Ref: 333119, 138586

Map Name: National Grid

Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
Revised 1968
Edition N/A
Copyright 1969
Levelled 1961

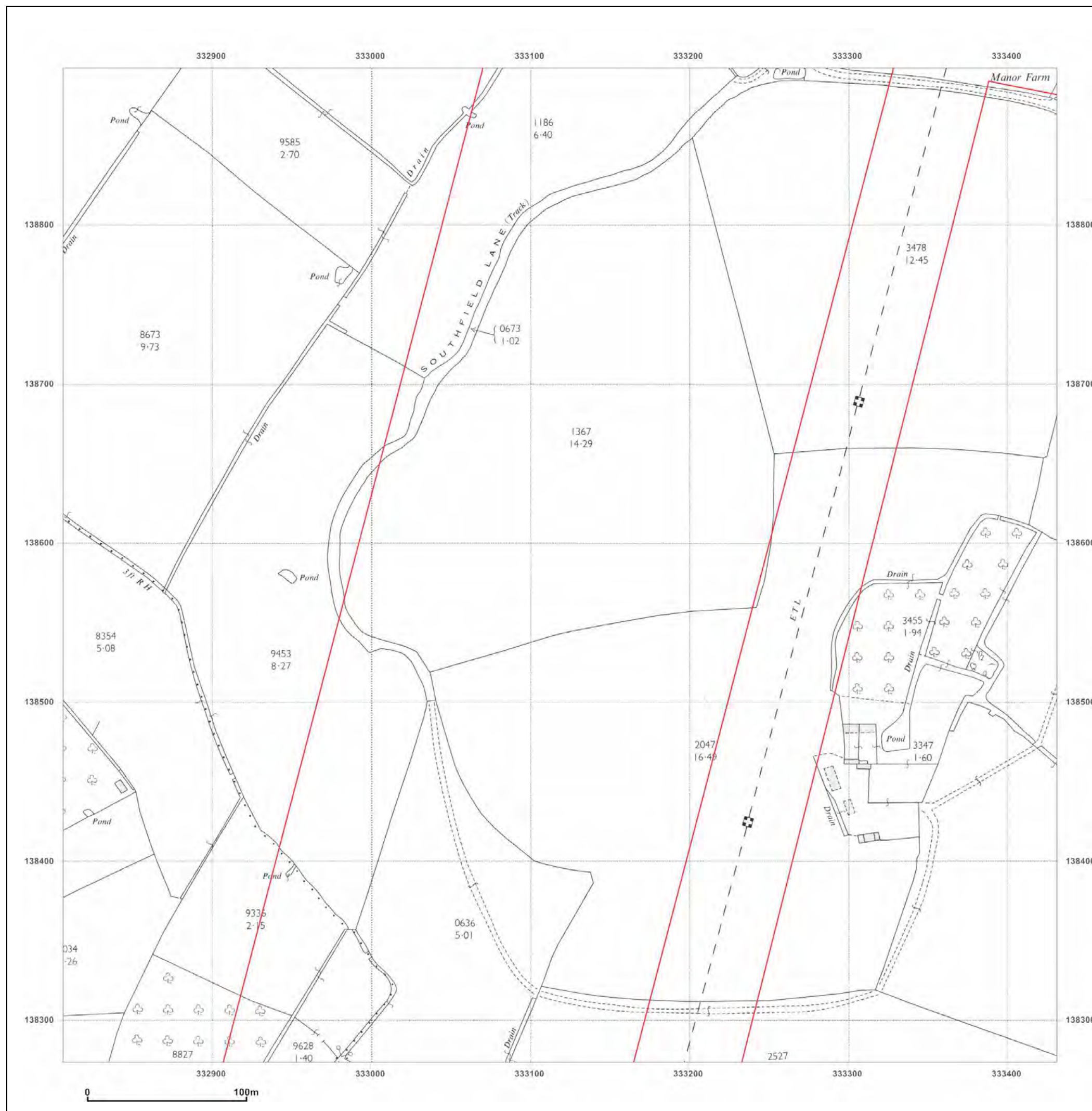


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C7
Grid Ref: 333119, 138586

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

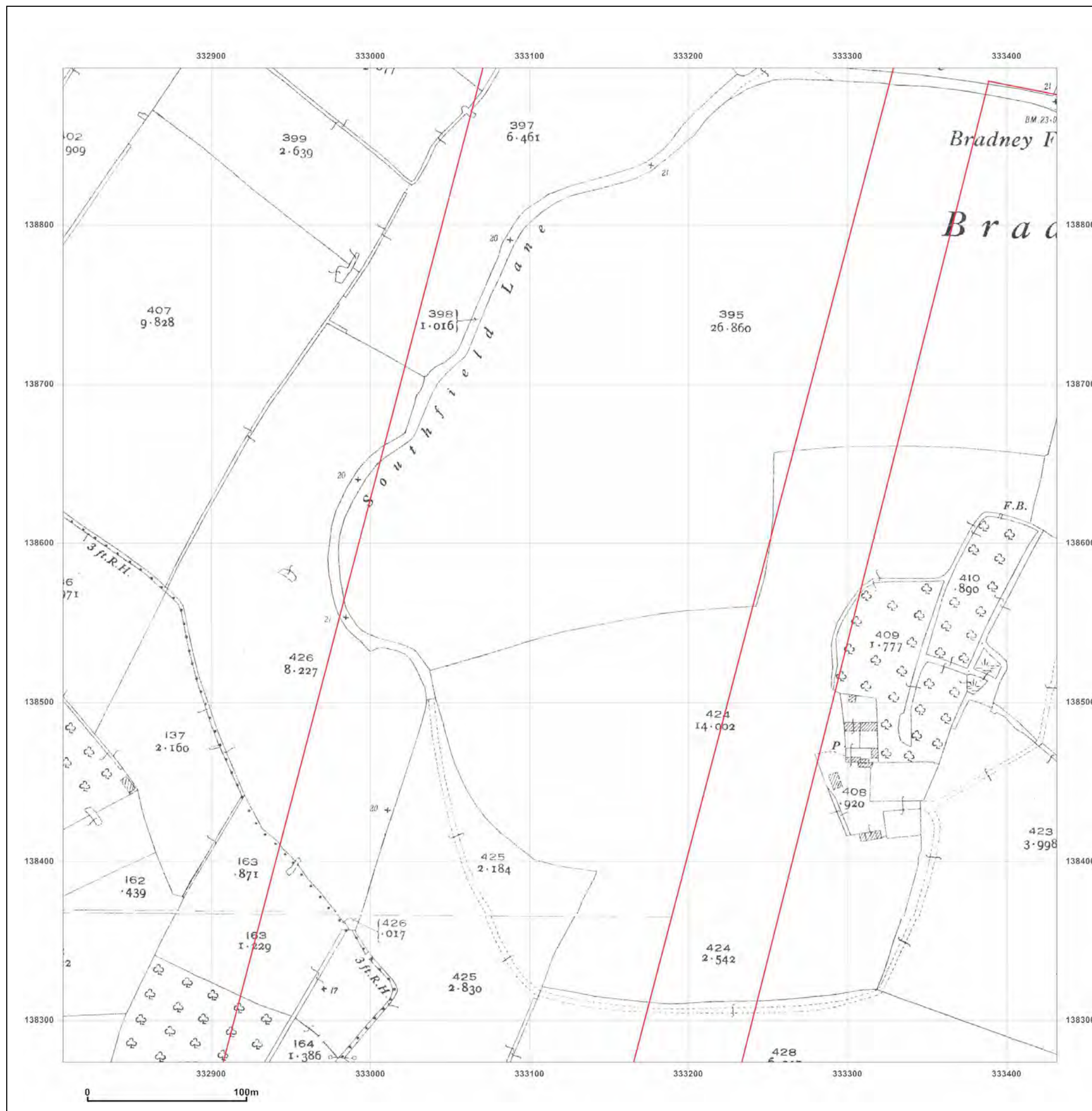


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C7
Grid Ref: 333119, 138586

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

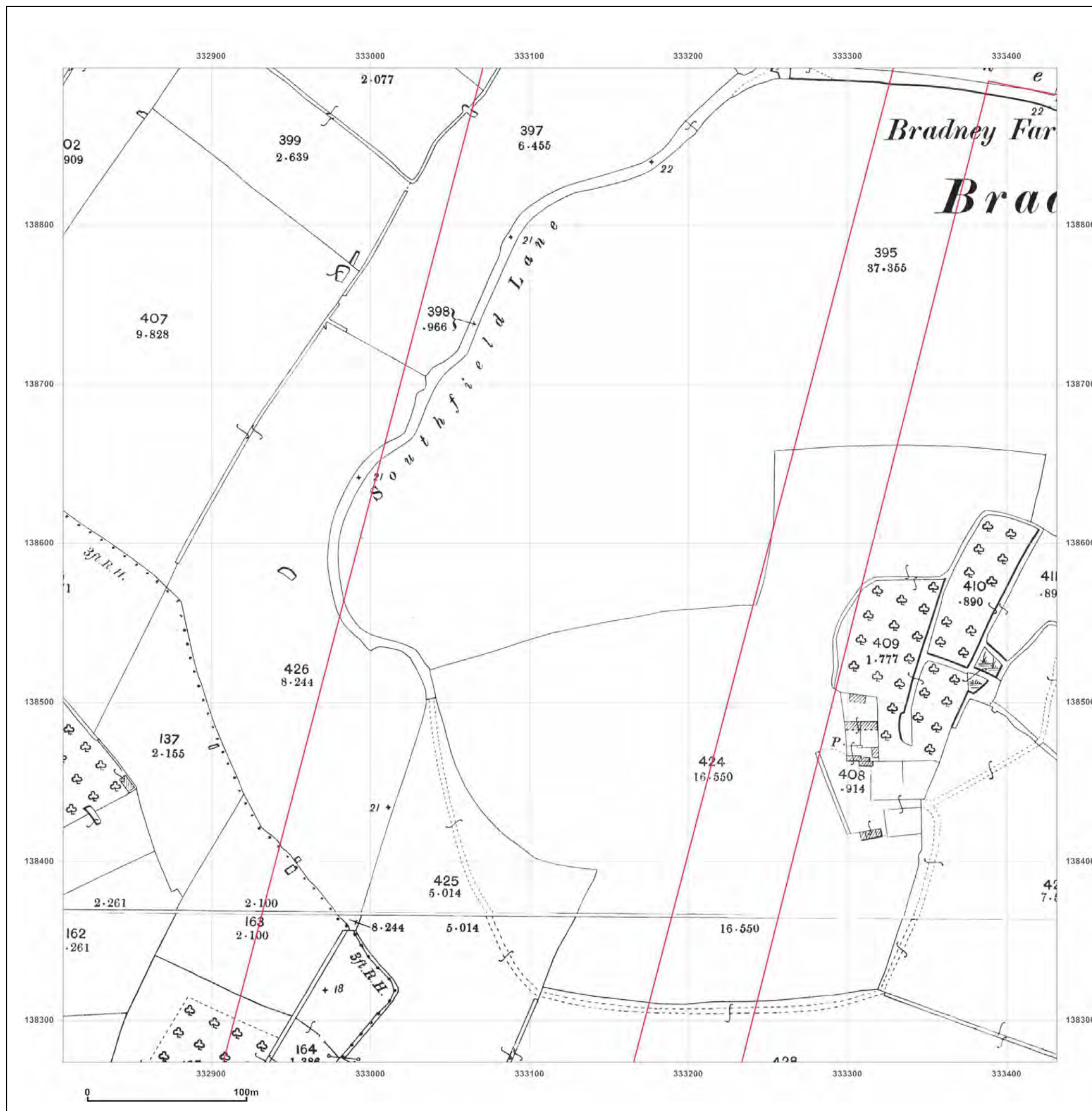


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Production date: 21 May 2013

To view map legend click here [REDACTED]



Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C7
Grid Ref: 333119, 138586

Map Name: County Series

Map date: 1888-1889

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1889
 Revised 1889
 Edition N/A
 Copyright N/A
 Levelled N/A

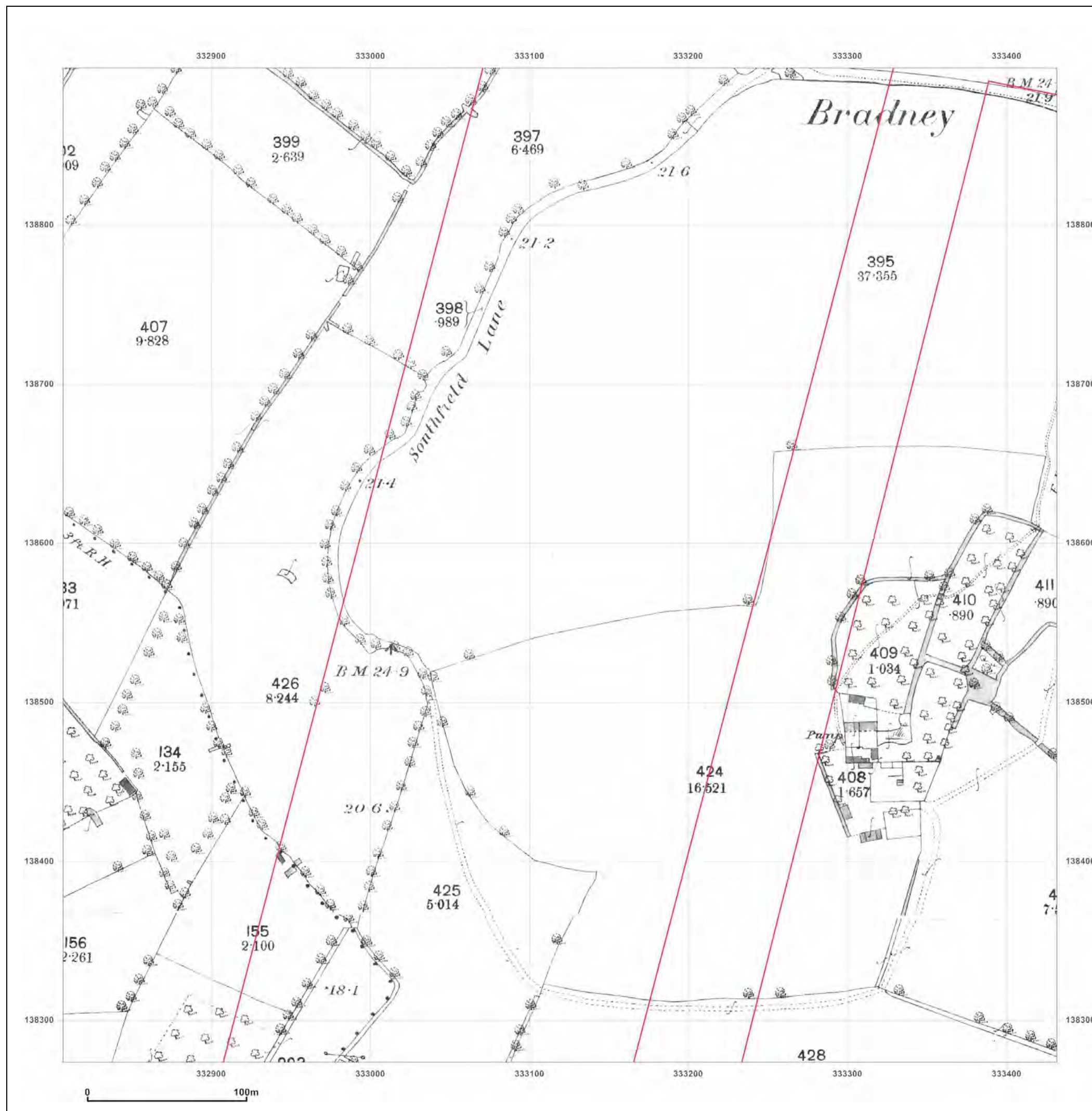


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C6
Grid Ref: 332740, 139186

Map Name: National Grid

Map date: 1994

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

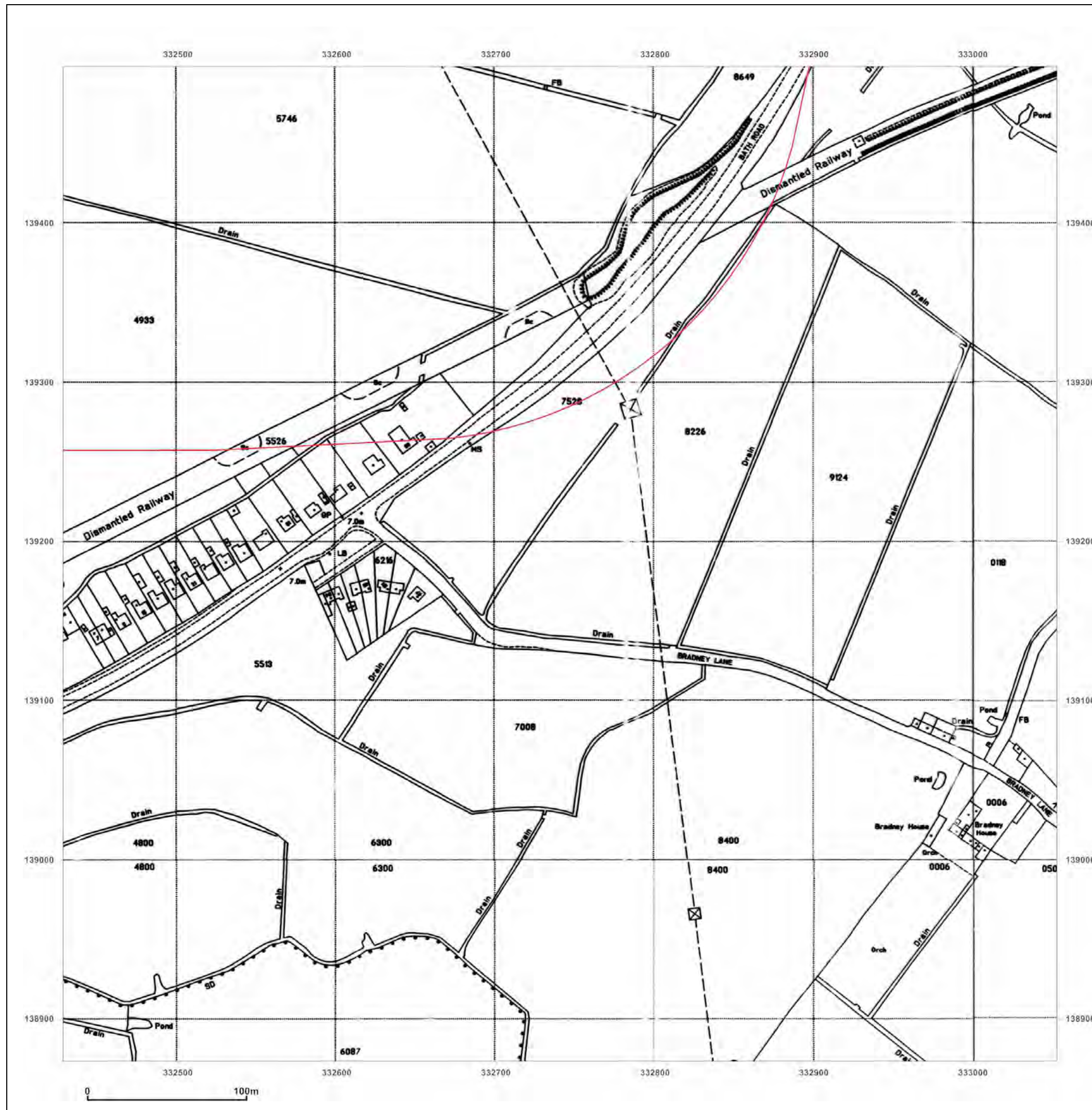


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C6
Grid Ref: 332740, 139186

Map Name: National Grid

Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

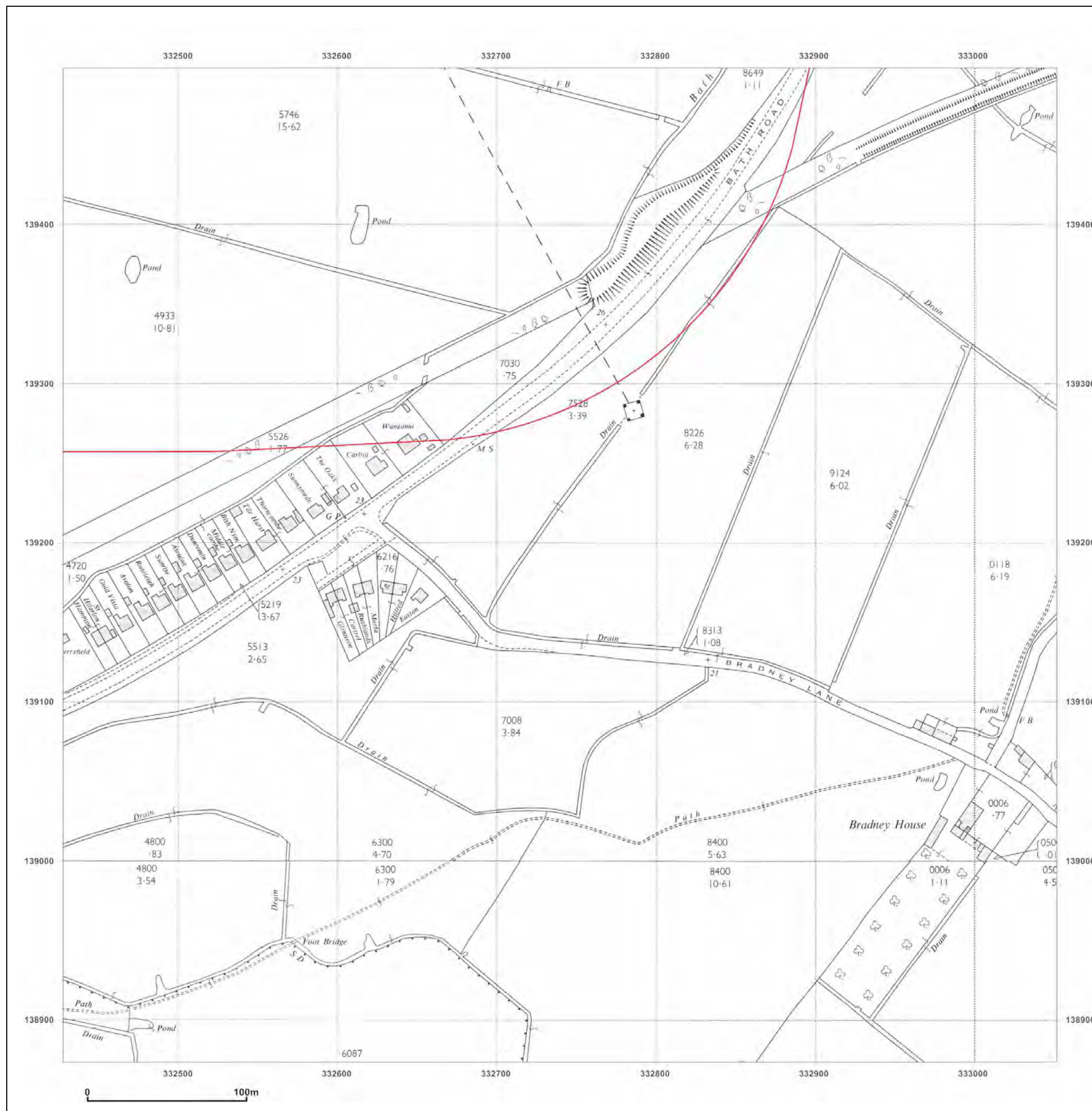


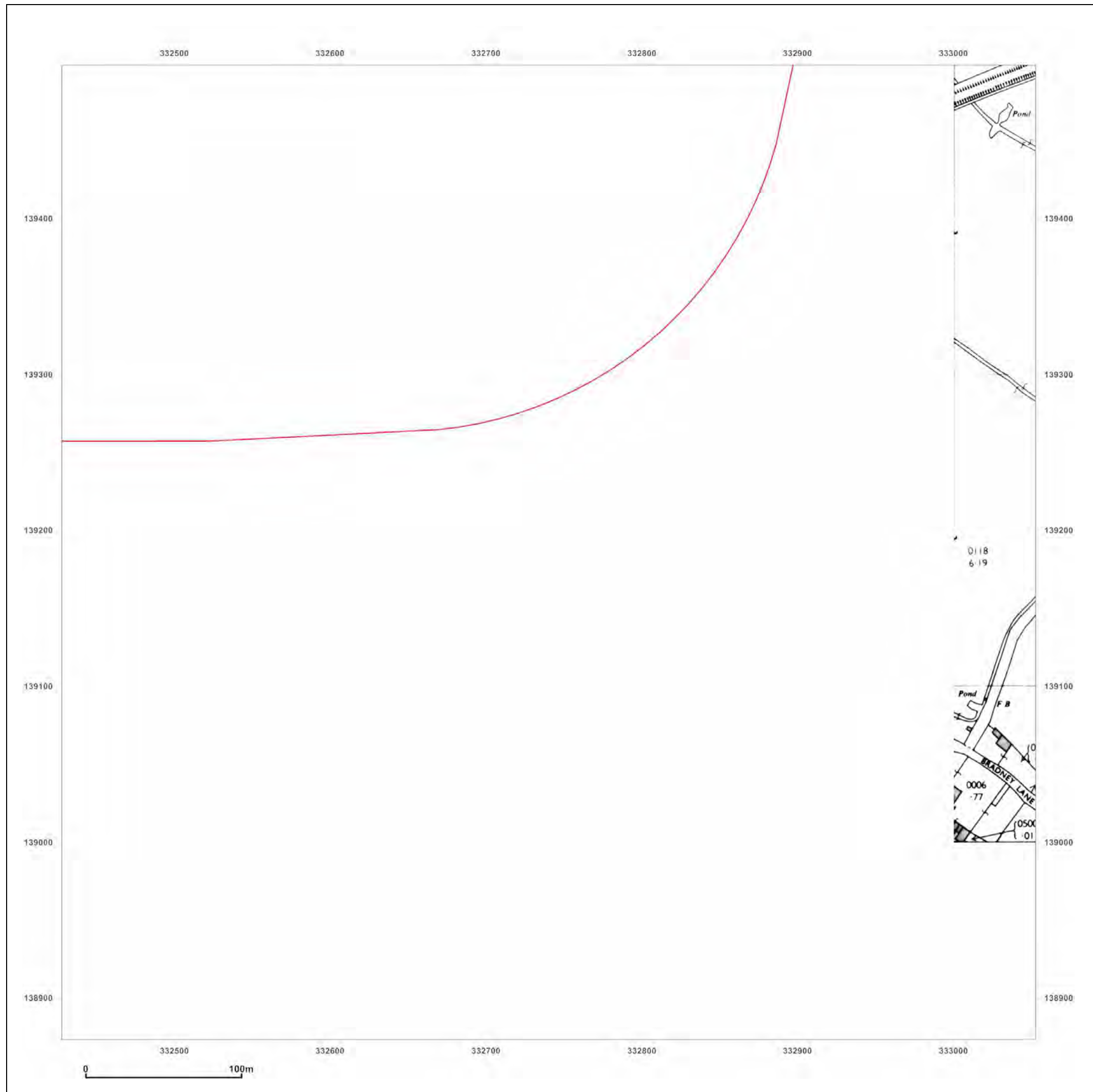
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Site Details:
Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C6
Grid Ref: 332740, 139186

Map Name: National Grid
Map date: 1968
Scale: 1:2,500
Printed at: 1:2,500

Surveyed 1961
Revised 1968
Edition N/A
Copyright 1968
Levelled 1961

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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C6
Grid Ref: 332740, 139186

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

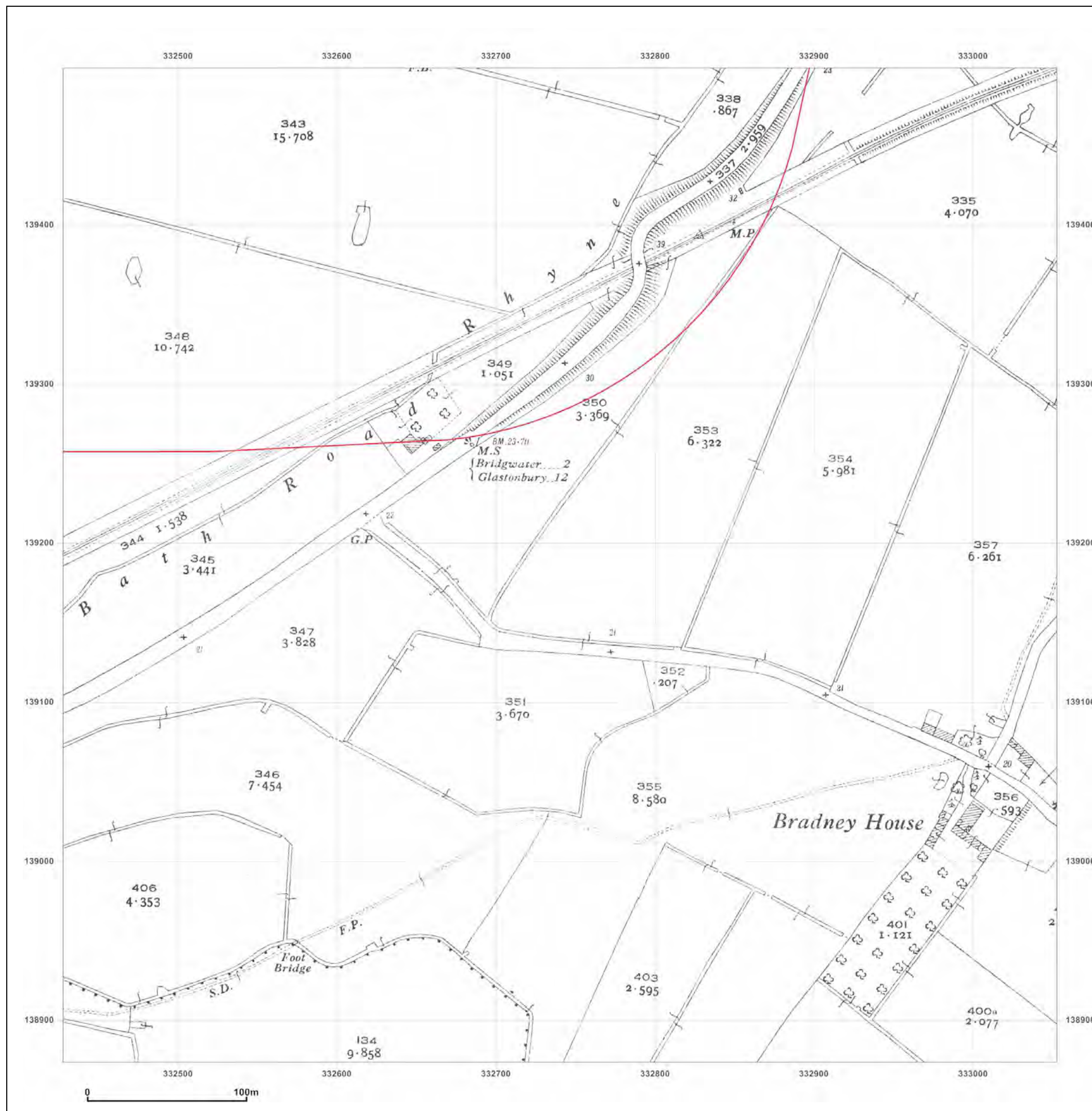


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C6
Grid Ref: 332740, 139186

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

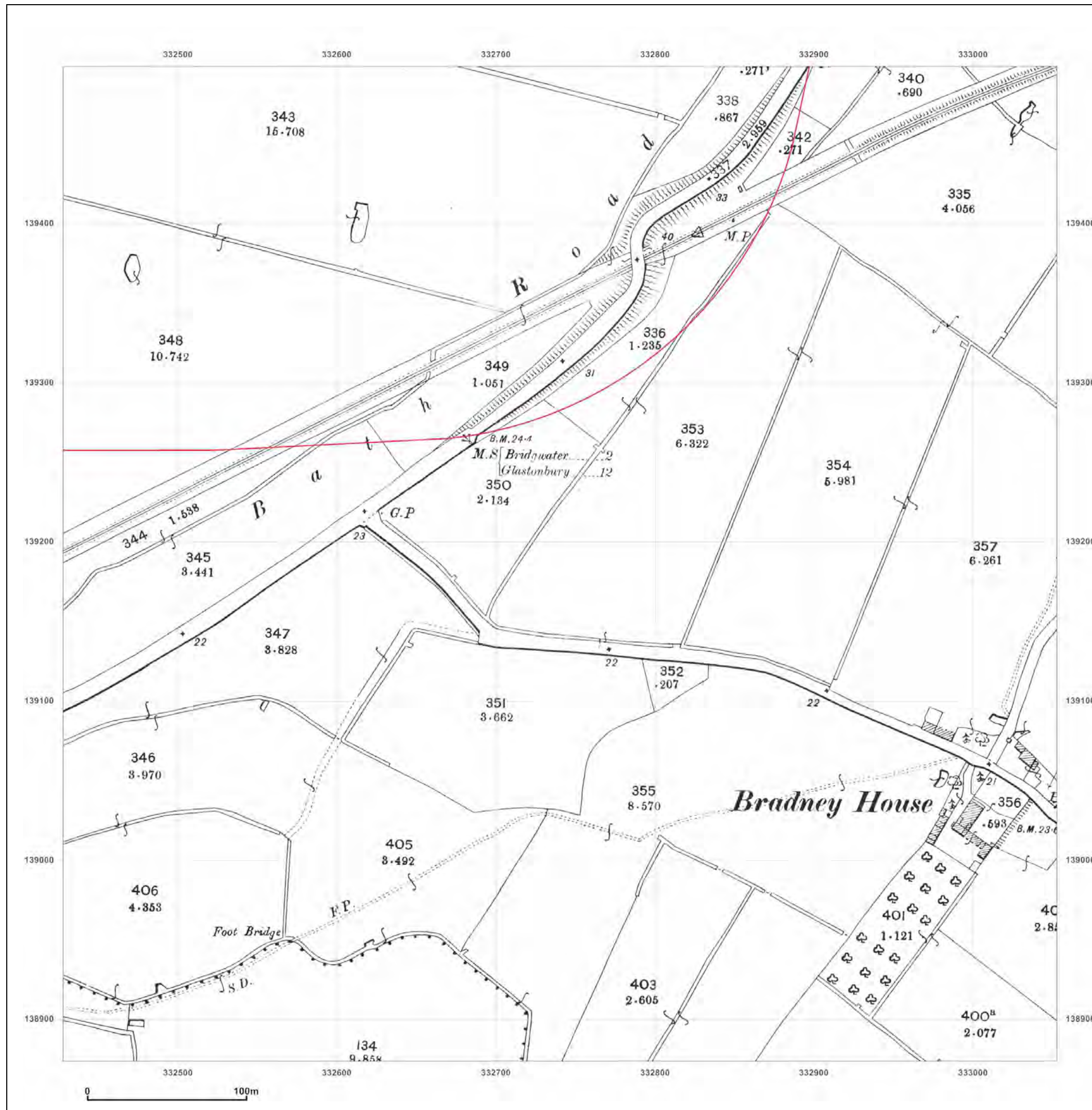


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C6
Grid Ref: 332740, 139186

Map Name: County Series

Map date: 1888

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

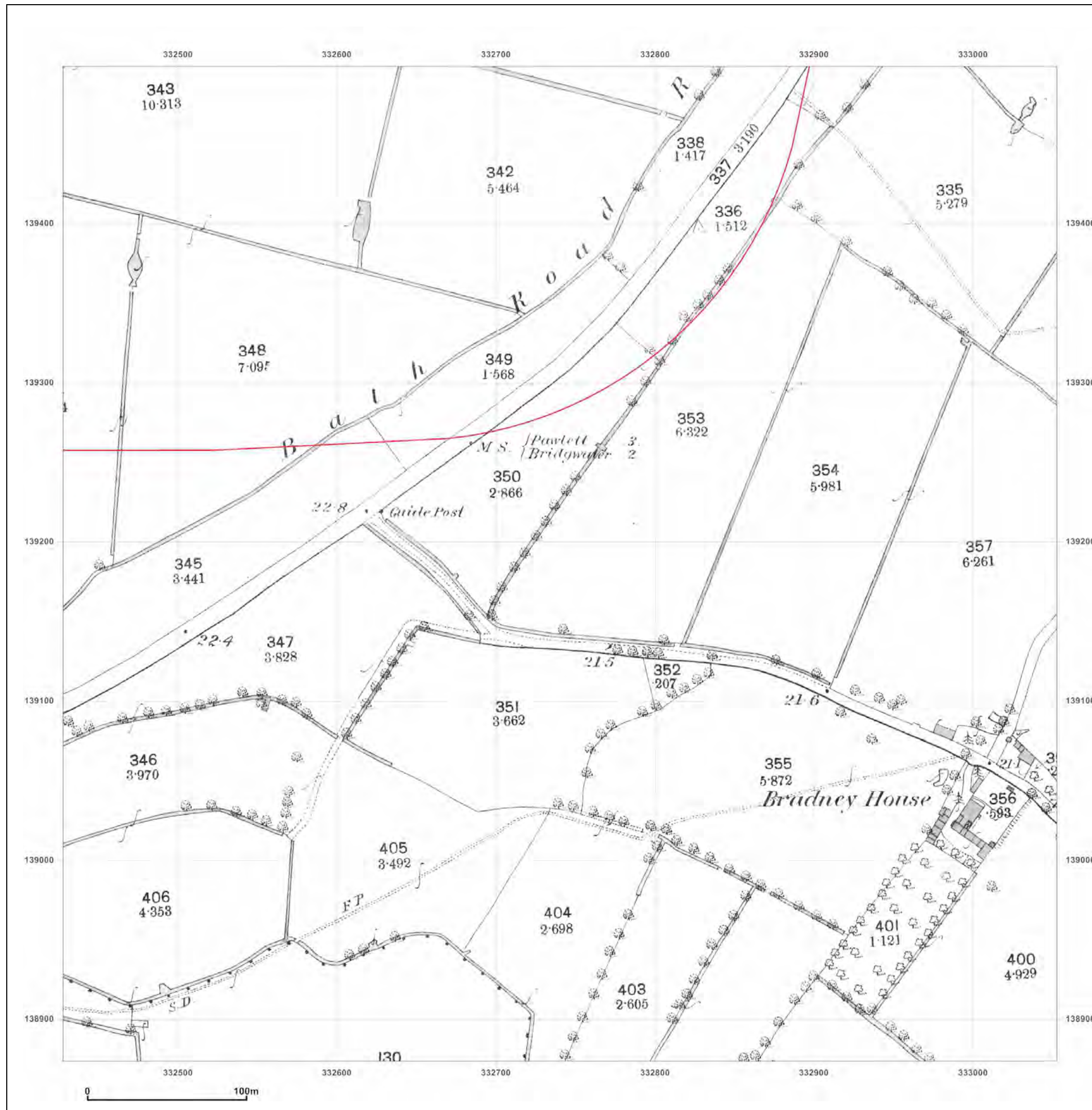


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C5
Grid Ref: 332740, 139785

Map Name: National Grid

Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1970
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

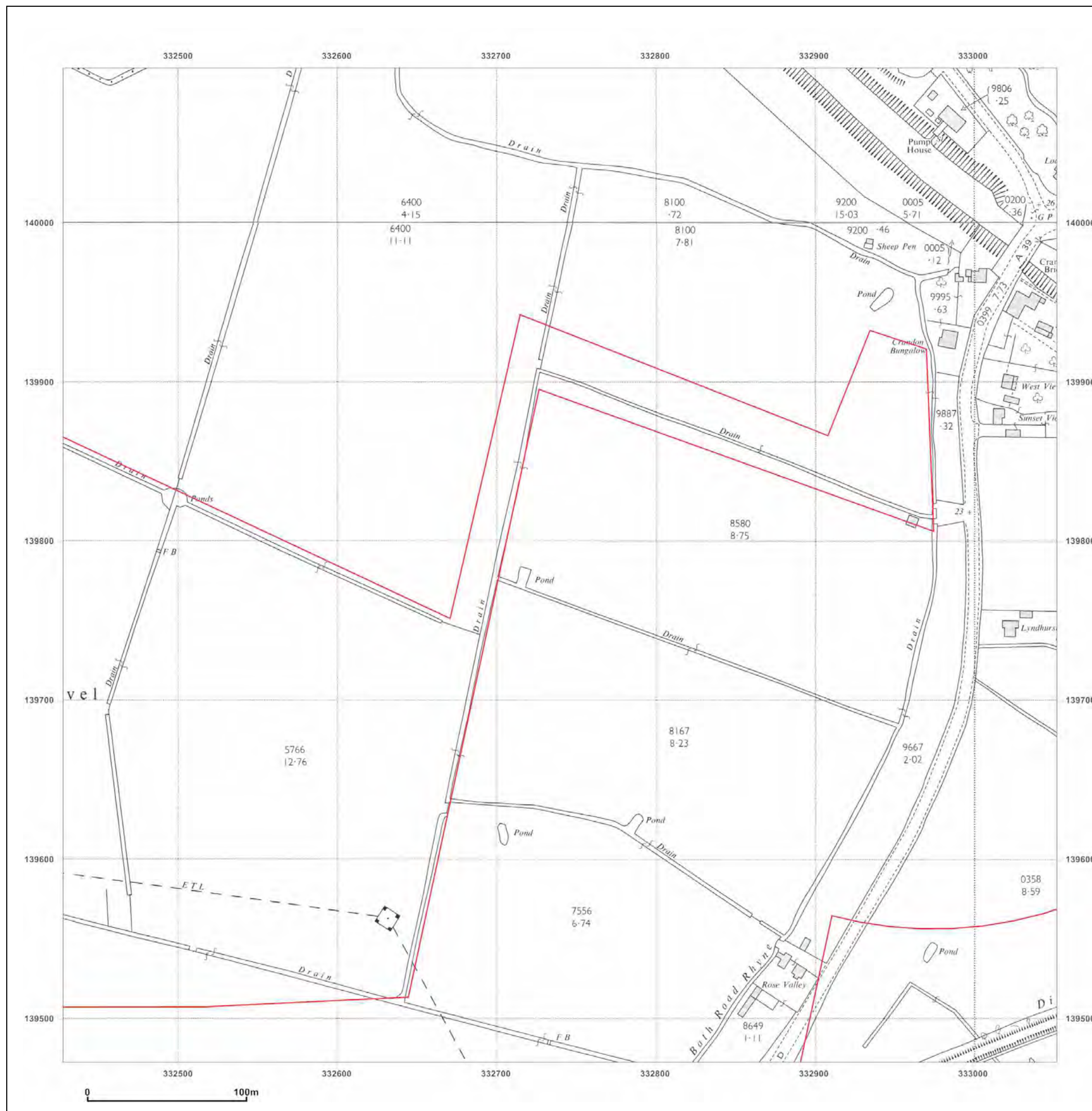


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C5
Grid Ref: 332740, 139785

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

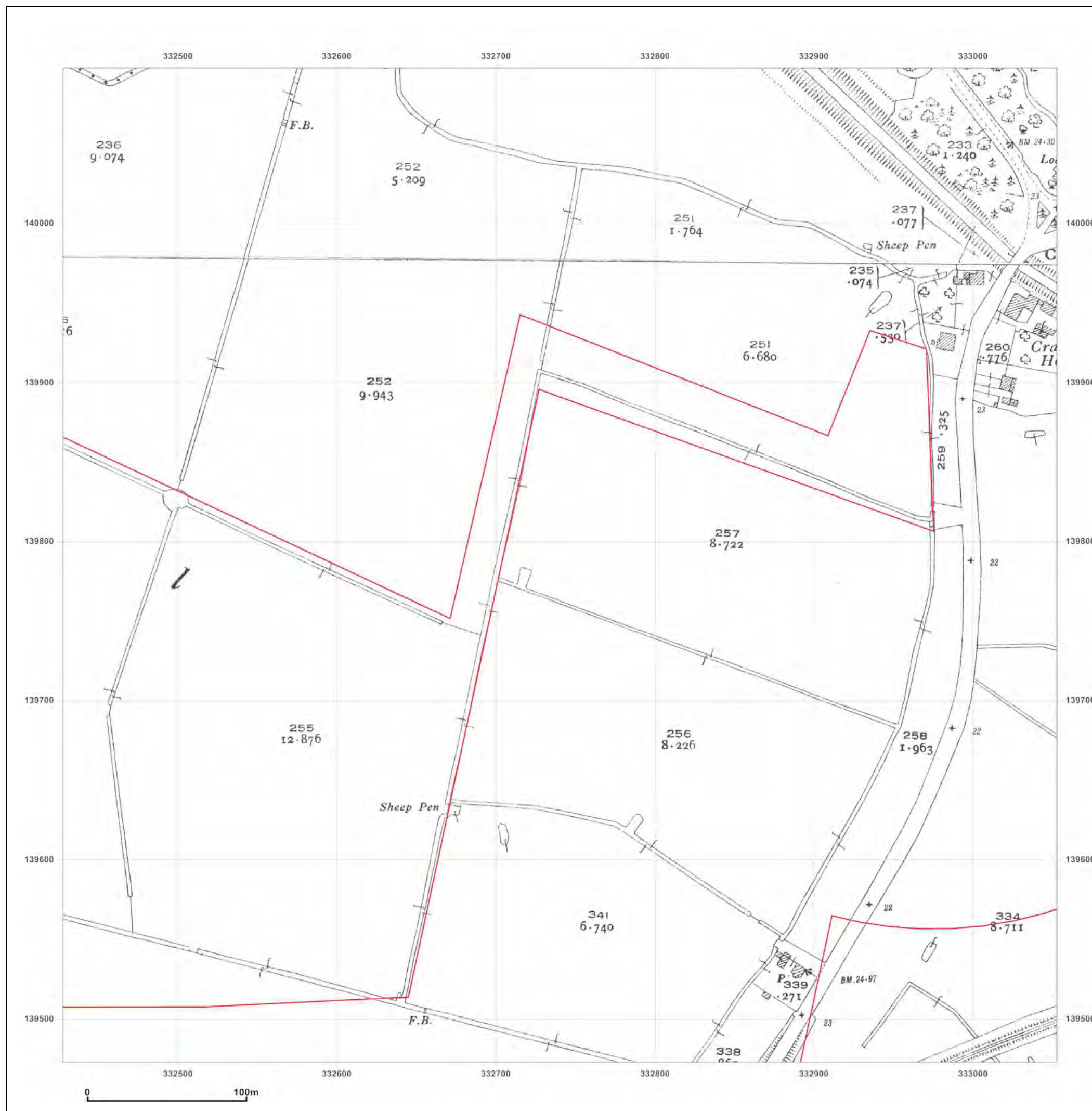


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C5
Grid Ref: 332740, 139785

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

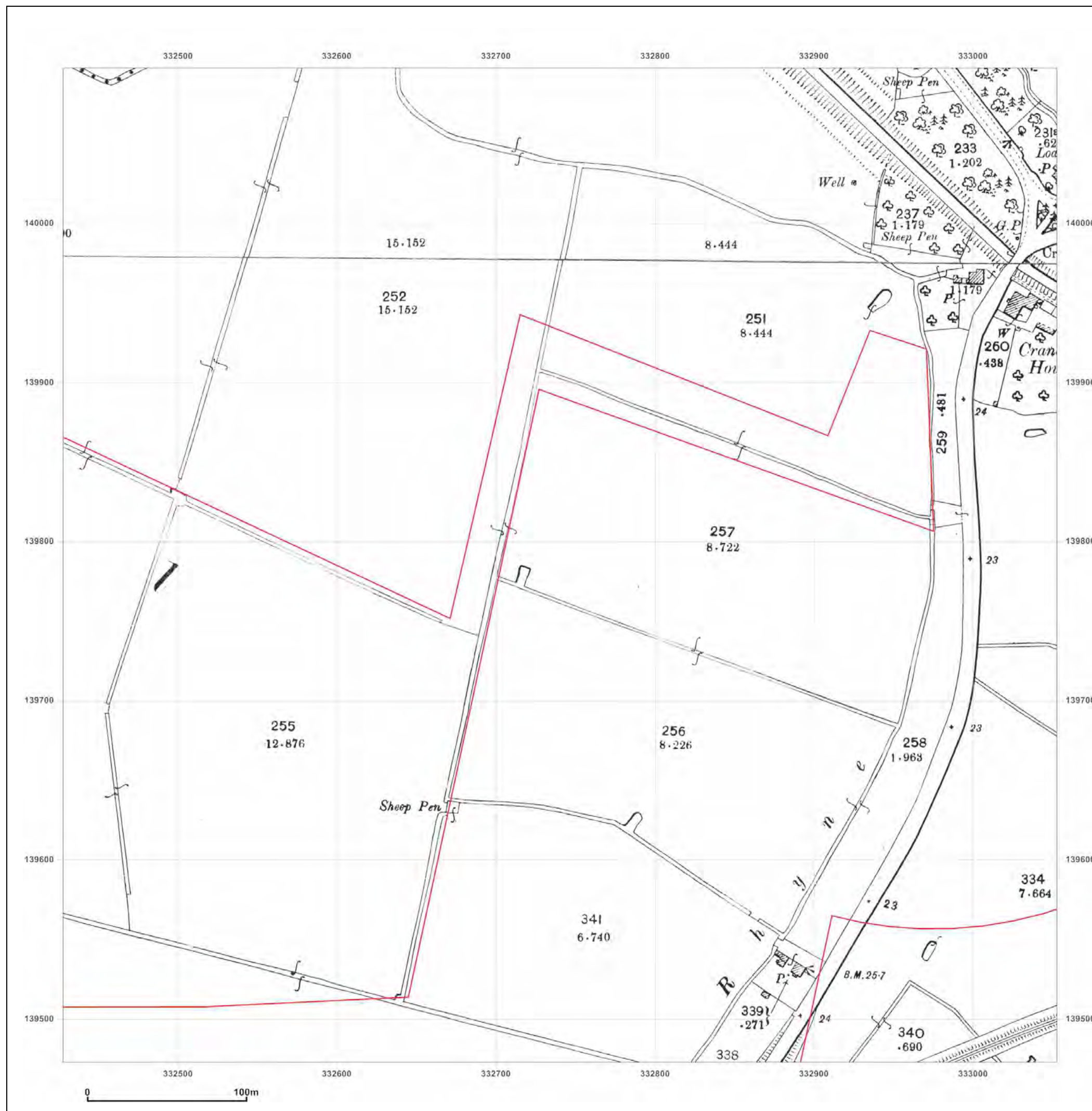


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C5
Grid Ref: 332740, 139785

Map Name: County Series

Map date: 1888

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

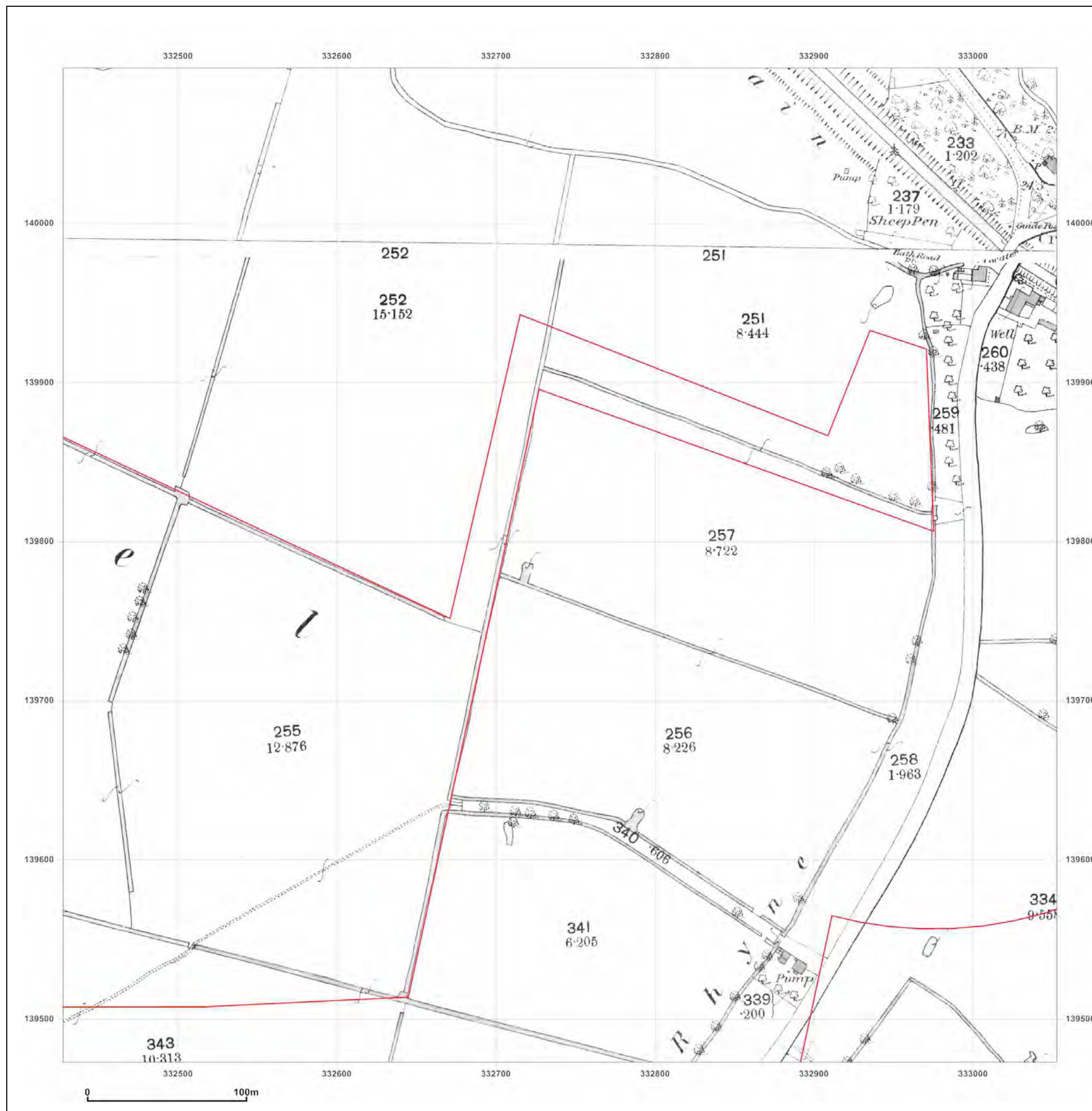


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C4
Grid Ref: 332621, 140386

Map Name: National Grid

Map date: 1995

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A

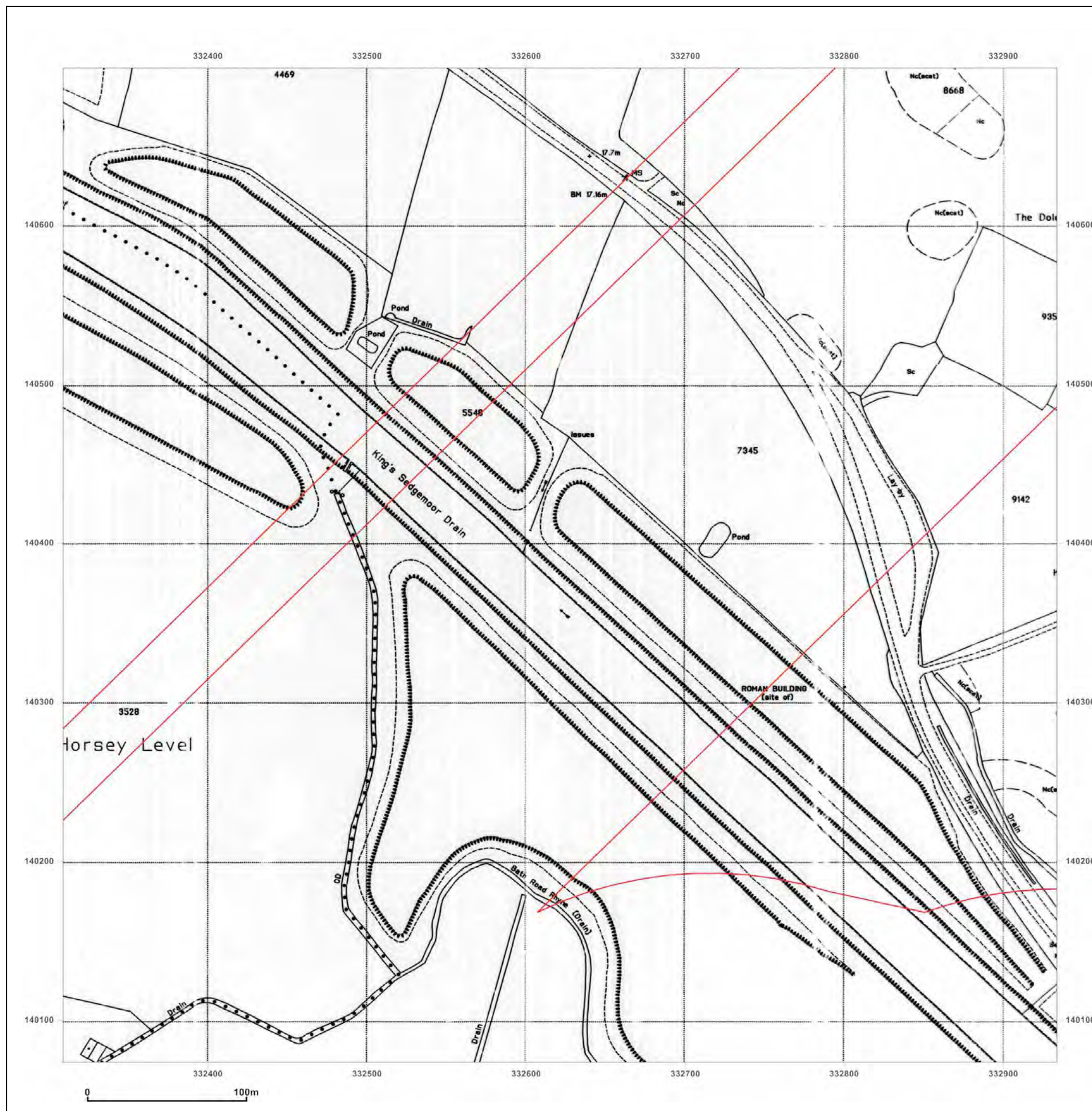


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C4
Grid Ref: 332621, 140386

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

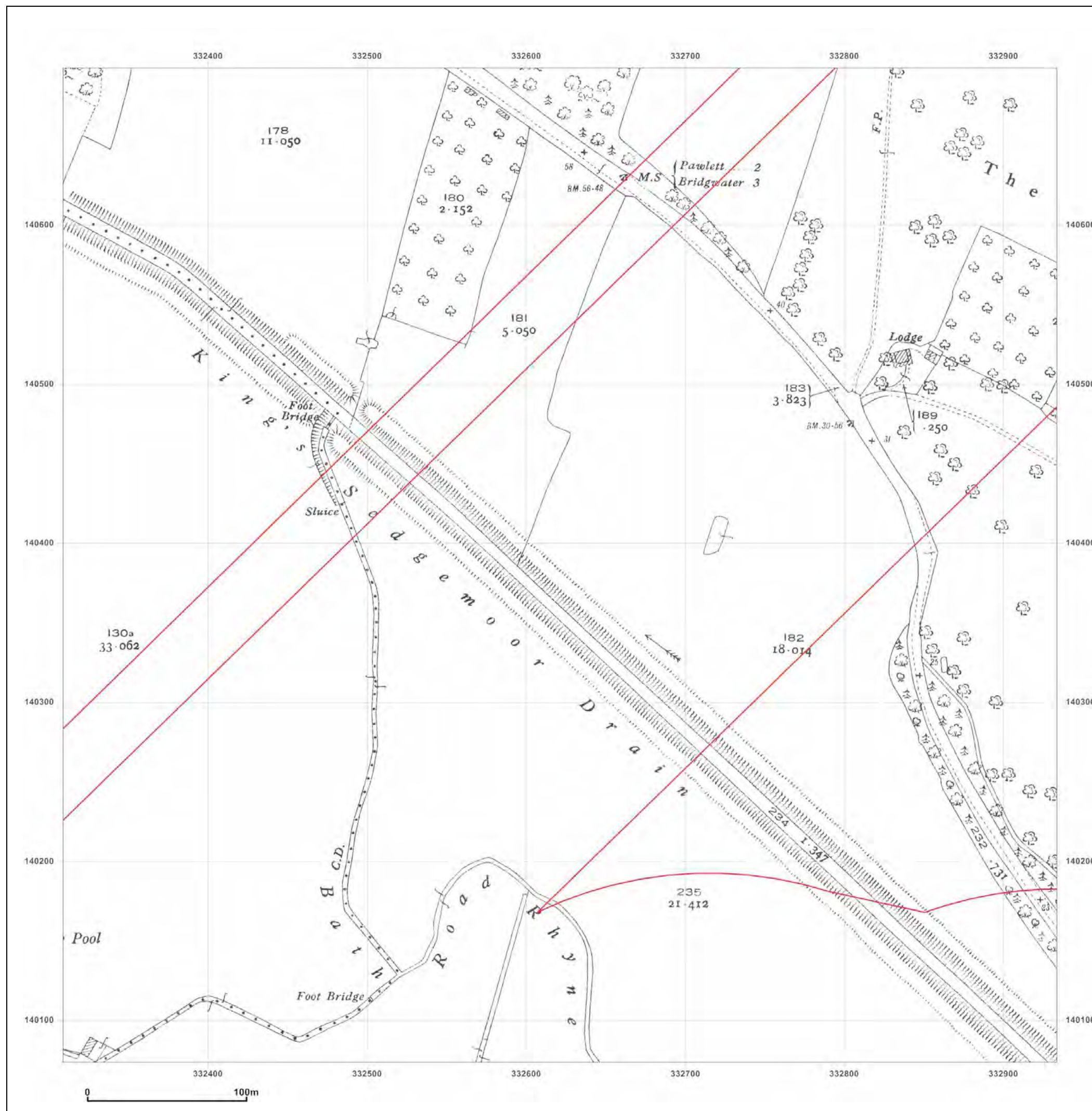


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C4
Grid Ref: 332621, 140386

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

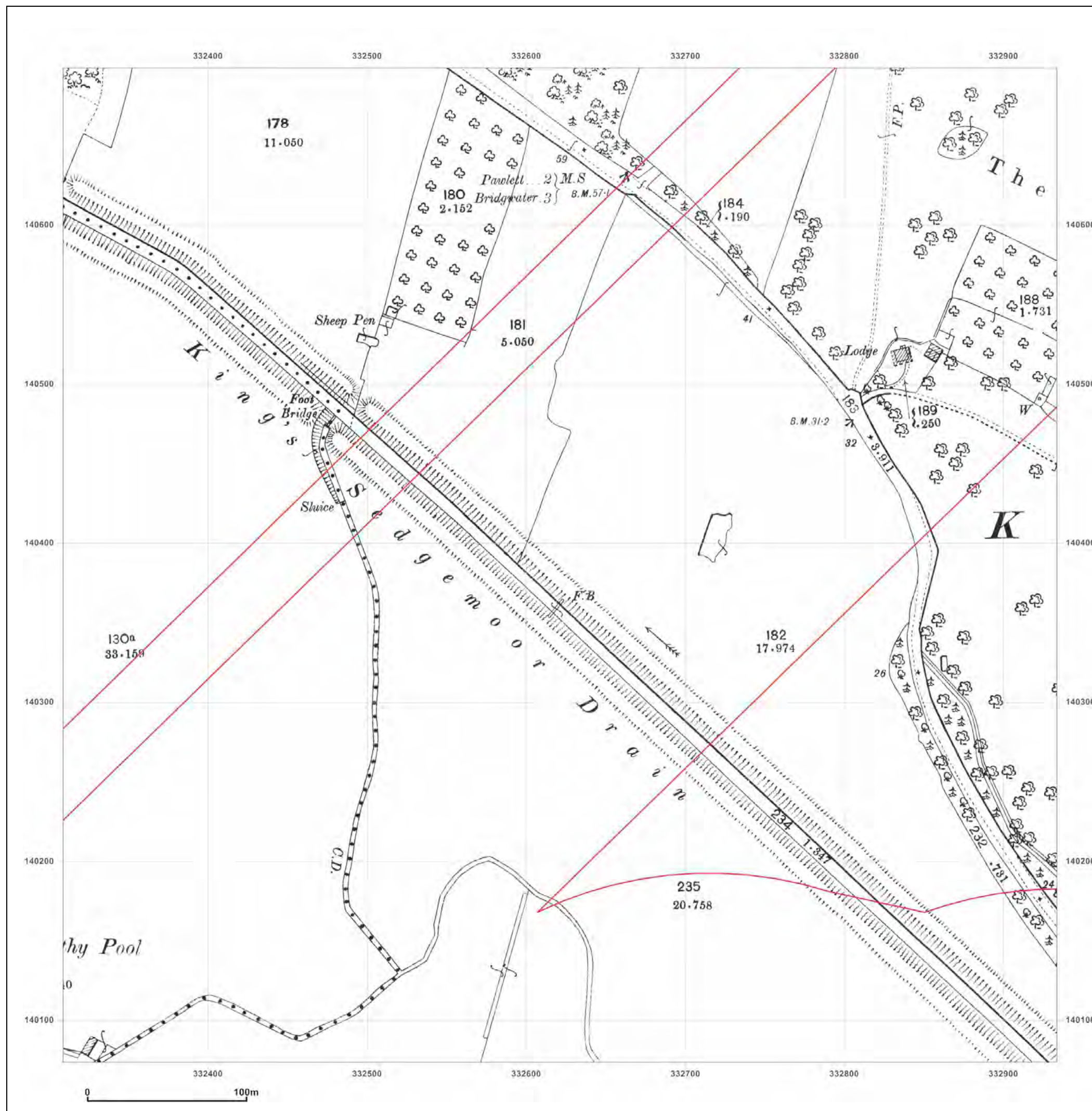


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C4
Grid Ref: 332621, 140386

Map Name: County Series

Map date: 1888

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

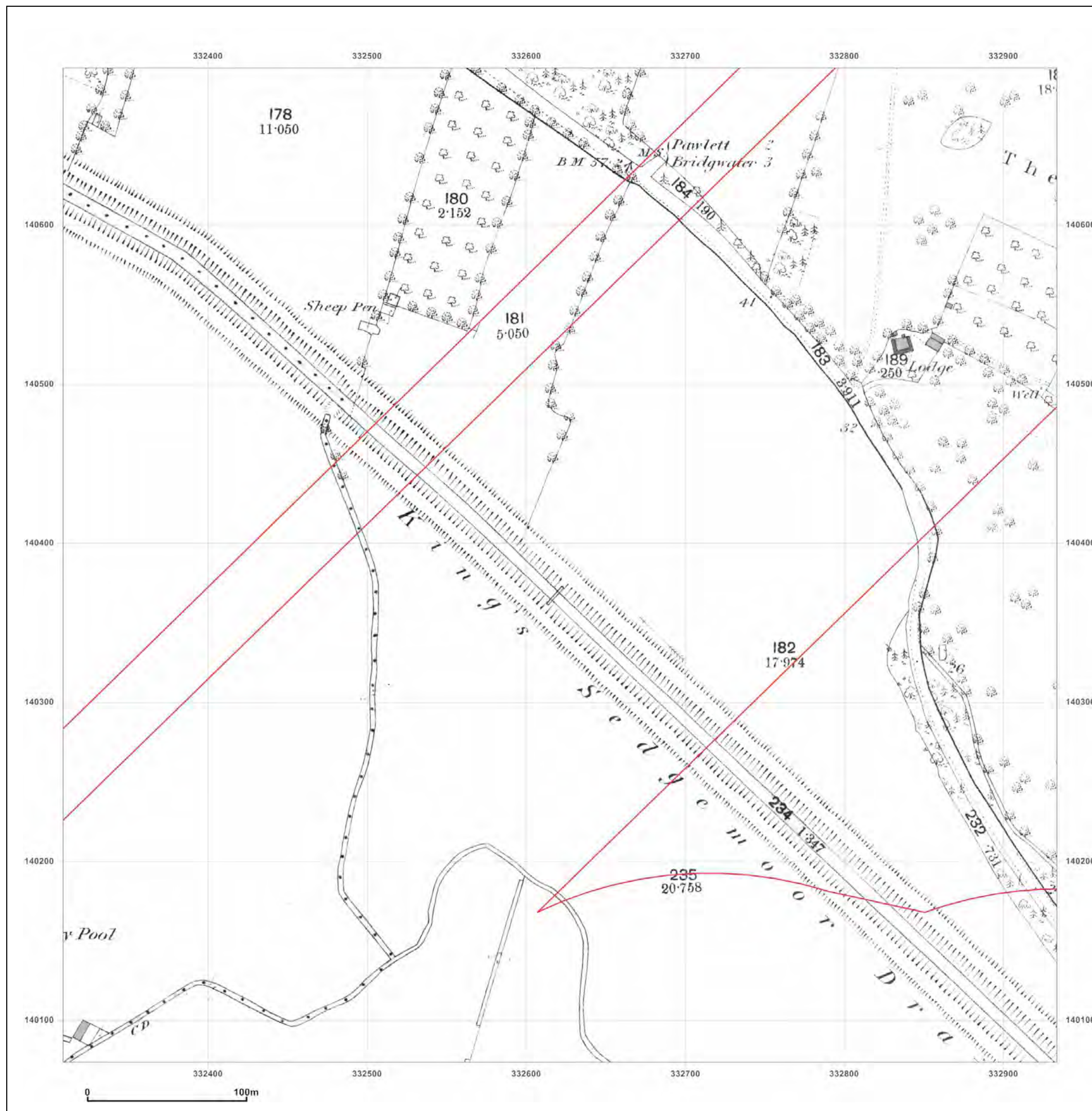


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C3
Grid Ref: 332389, 140986

Map Name: National Grid

Map date: 1990-1995

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1990
 Revised 1990
 Edition N/A
 Copyright 1991
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C3
Grid Ref: 332389, 140986

Map Name: National Grid

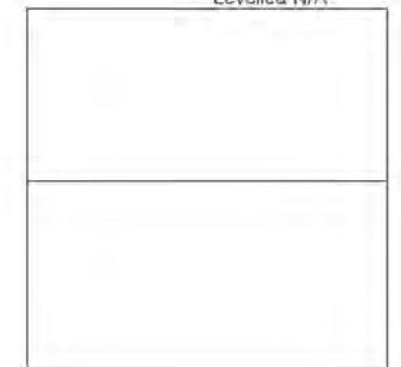
Map date: 1995

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C3
Grid Ref: 332389, 140986

Map Name: National Grid

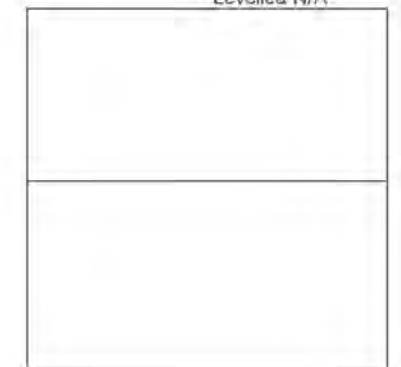
Map date: 1989

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1989
 Revised 1989
 Edition N/A
 Copyright 1989
 Levelled N/A



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C3
Grid Ref: 332389, 140986

Map Name: National Grid

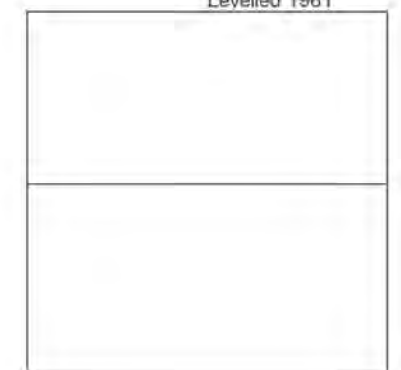
Map date: 1989

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1989
 Levelled 1981



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Hinkley Project

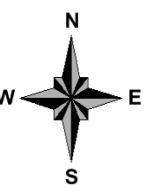
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C3
Grid Ref: 332389, 140986

Map Name: National Grid

Map date: 1968-1969

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1969
 Revised 1989
 Edition N/A
 Copyright 1970
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1970
 Levelled 1961

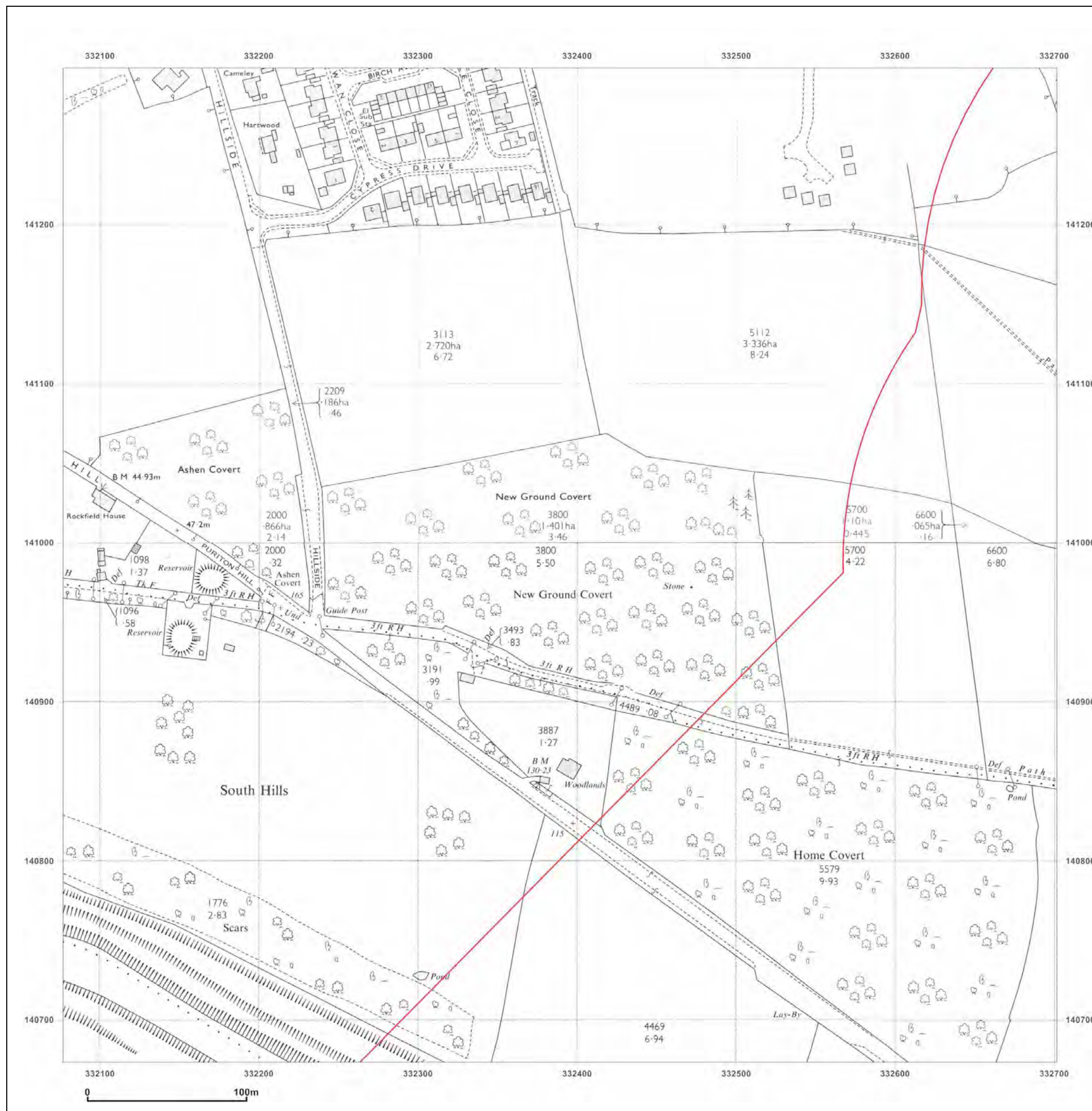


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C3
Grid Ref: 332389, 140986

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

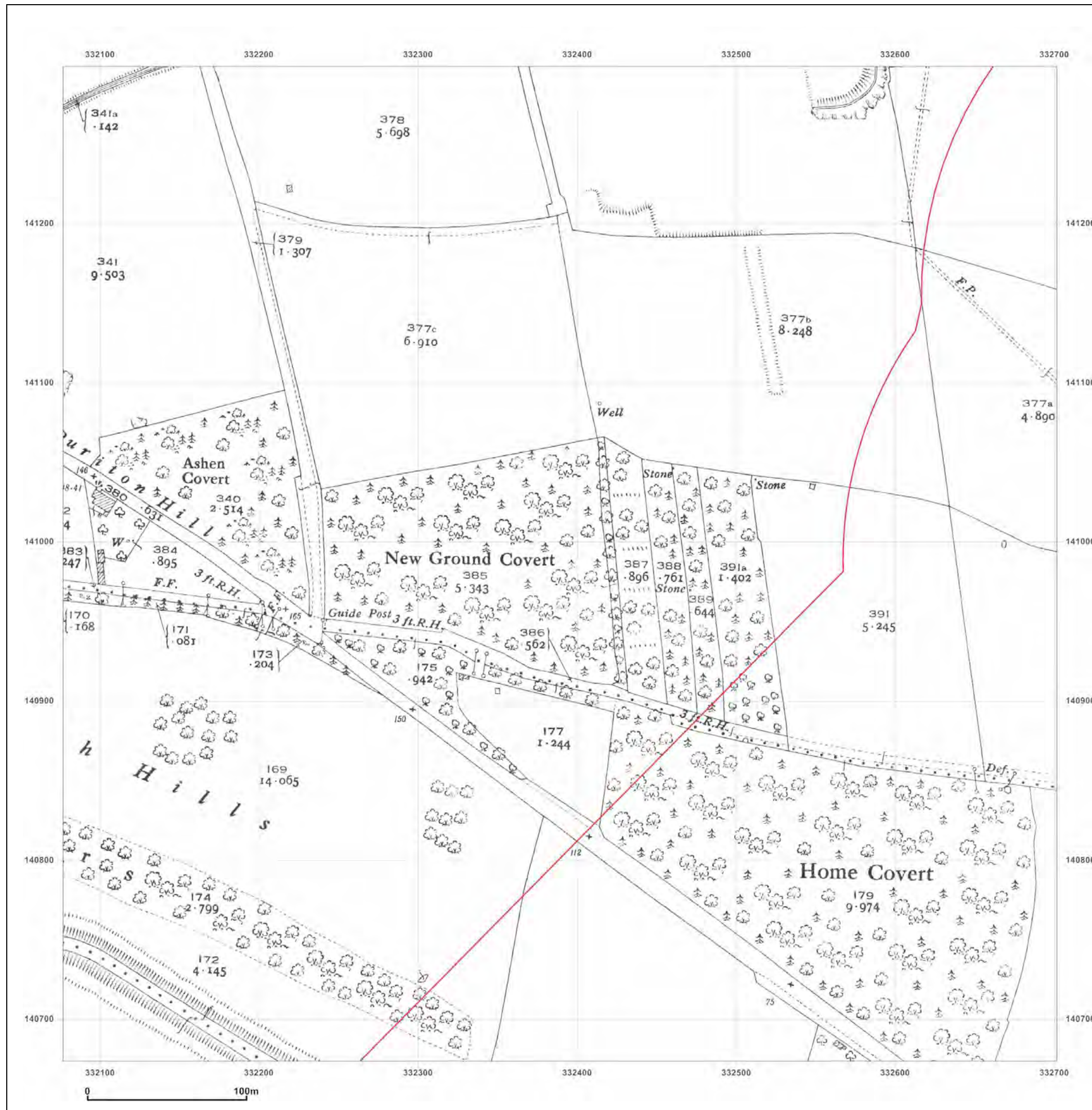


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C3
Grid Ref: 332389, 140986

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

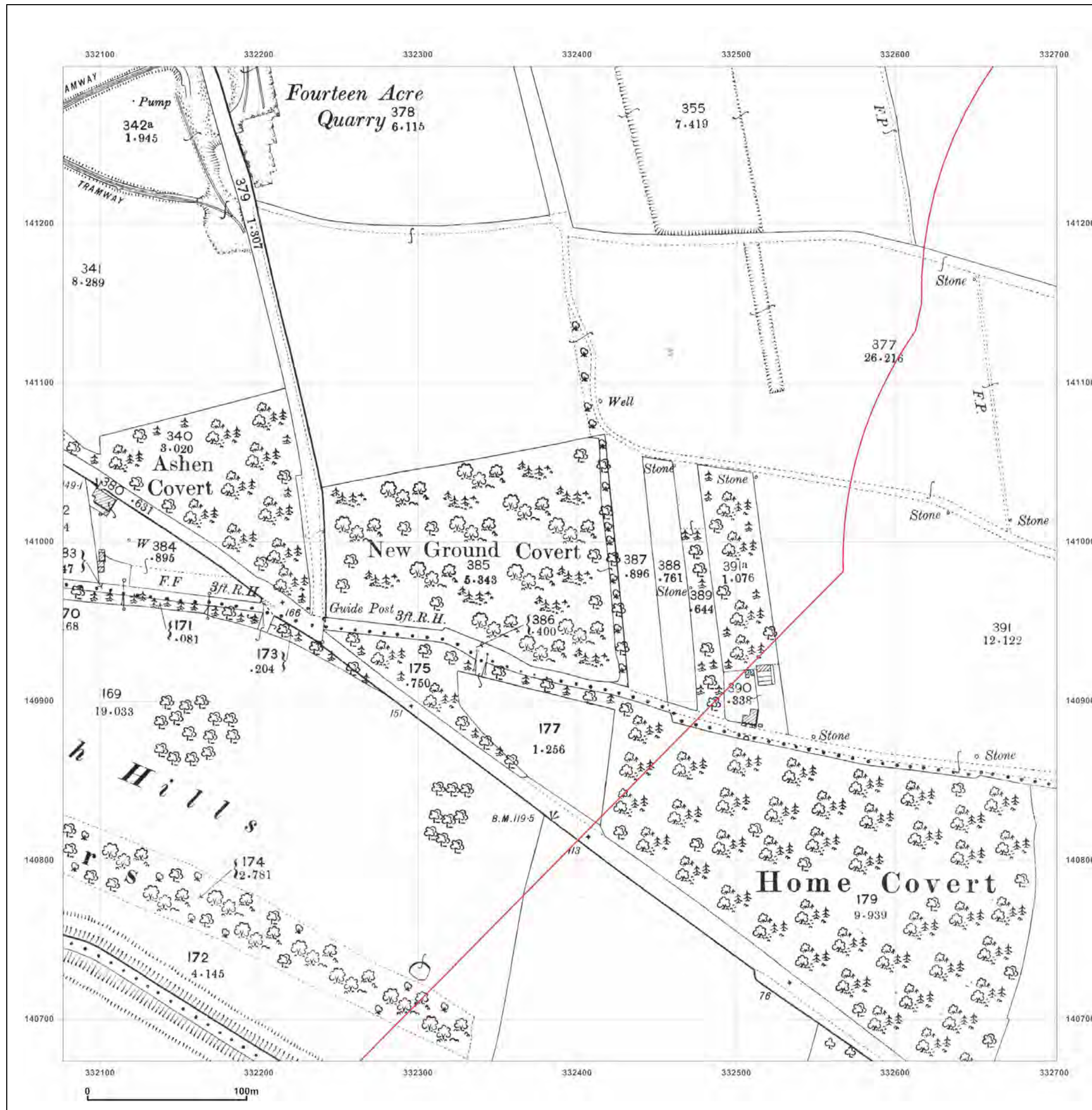


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C3
Grid Ref: 332389, 140986

Map Name: County Series

Map date: 1888

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1888
 Revised 1888
 Edition N/A
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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C2
Grid Ref: 332740, 141586

Map Name: National Grid

Map date: 1995

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C2
Grid Ref: 332740, 141586

Map Name: National Grid

Map date: 1990

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1990
 Revised 1990
 Edition N/A
 Copyright 1991
 Levelled N/A

Surveyed 1990
 Revised 1990
 Edition N/A
 Copyright 1991
 Levelled N/A

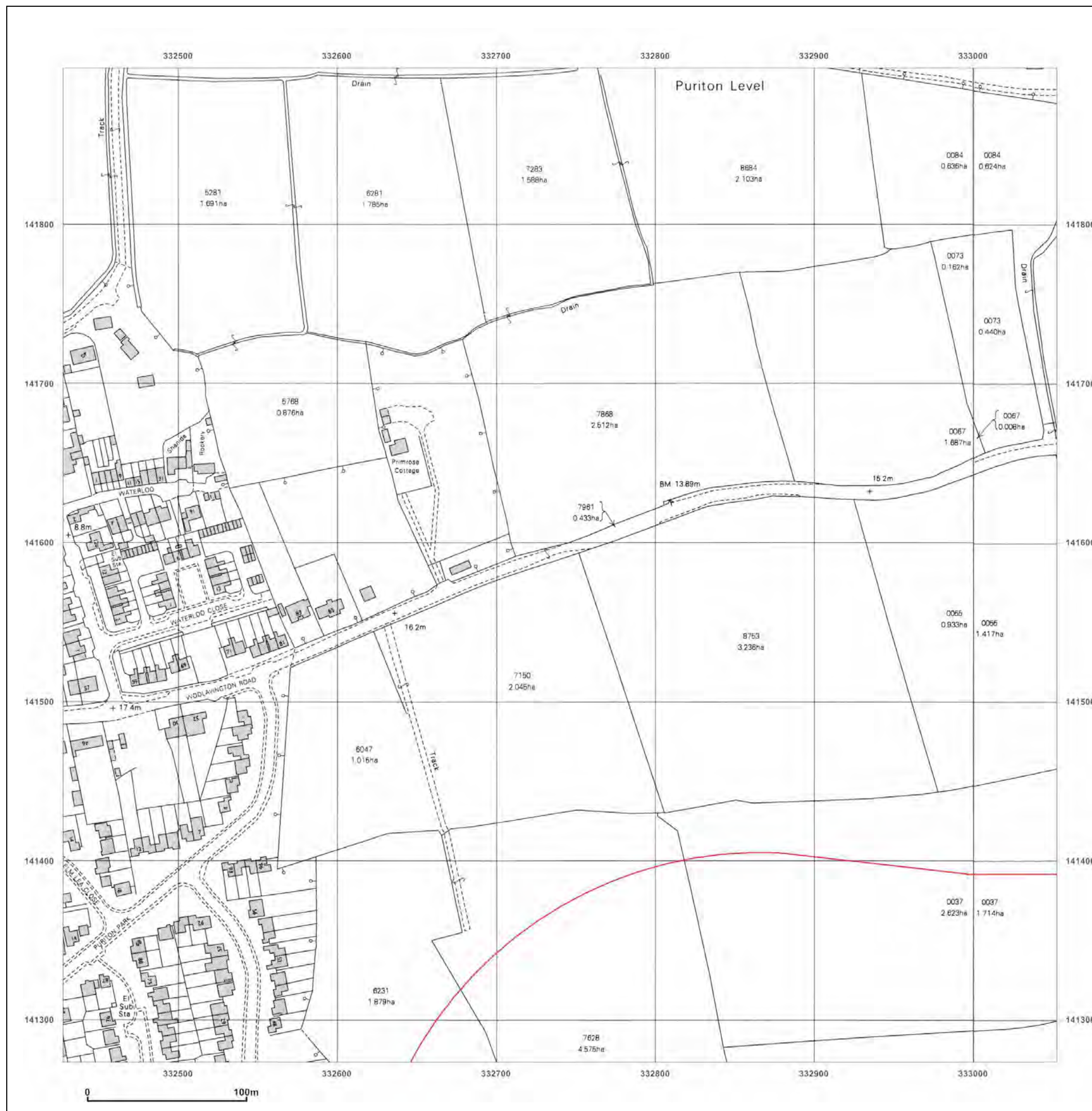


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C2
Grid Ref: 332740, 141586

Map Name: National Grid

Map date: 1989

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1989
 Revised 1989
 Edition N/A
 Copyright 1989
 Levelled N/A

Surveyed 1989
 Revised 1989
 Edition N/A
 Copyright 1989
 Levelled N/A



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C2
Grid Ref: 332740, 141586

Map Name: National Grid

Map date: 1969

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1969
 Revised 1969
 Edition N/A
 Copyright 1970
 Levelled 1961

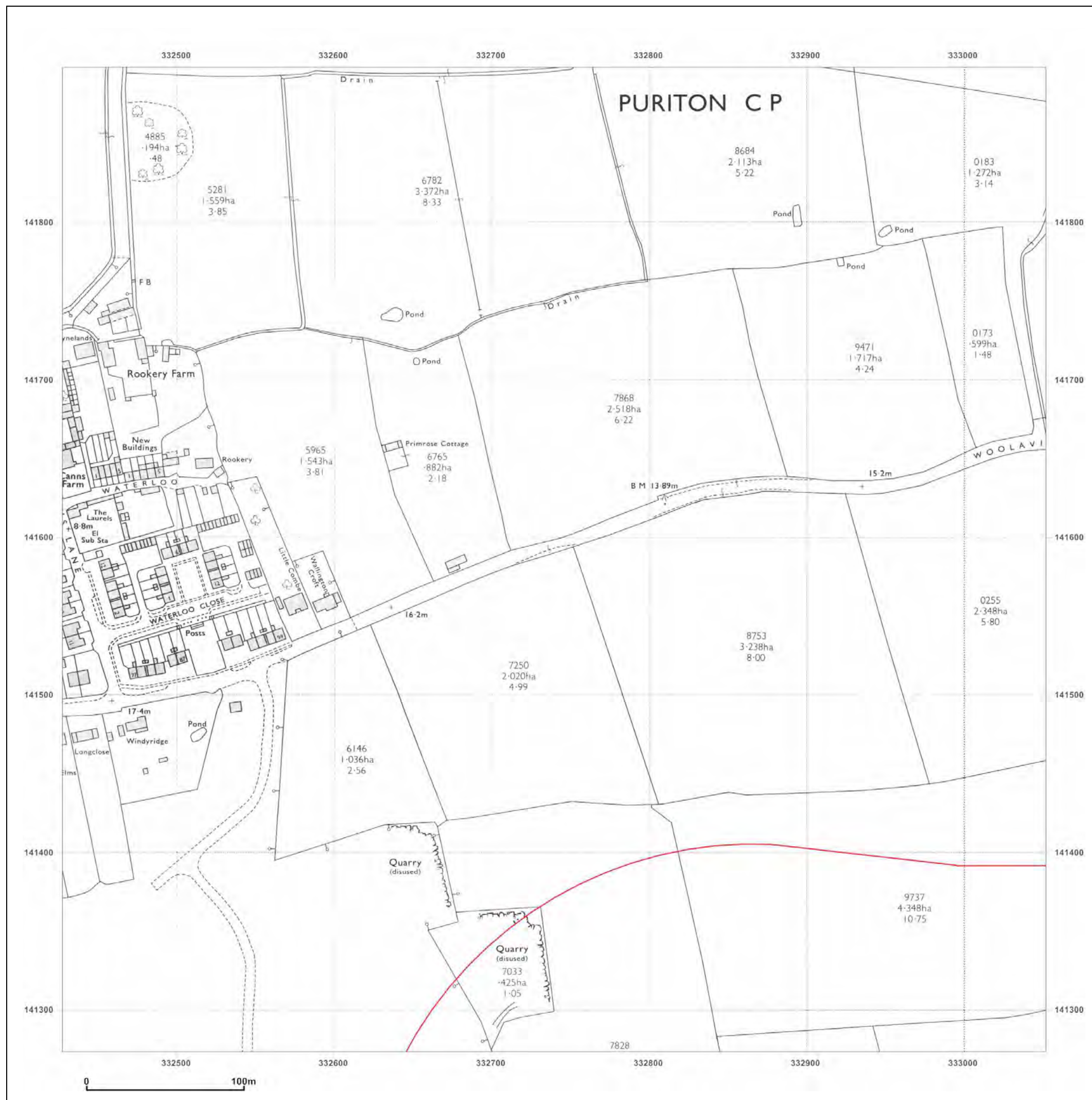


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Site Details:

Hinkley Project

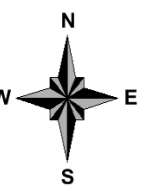
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C2
Grid Ref: 332740, 141586

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

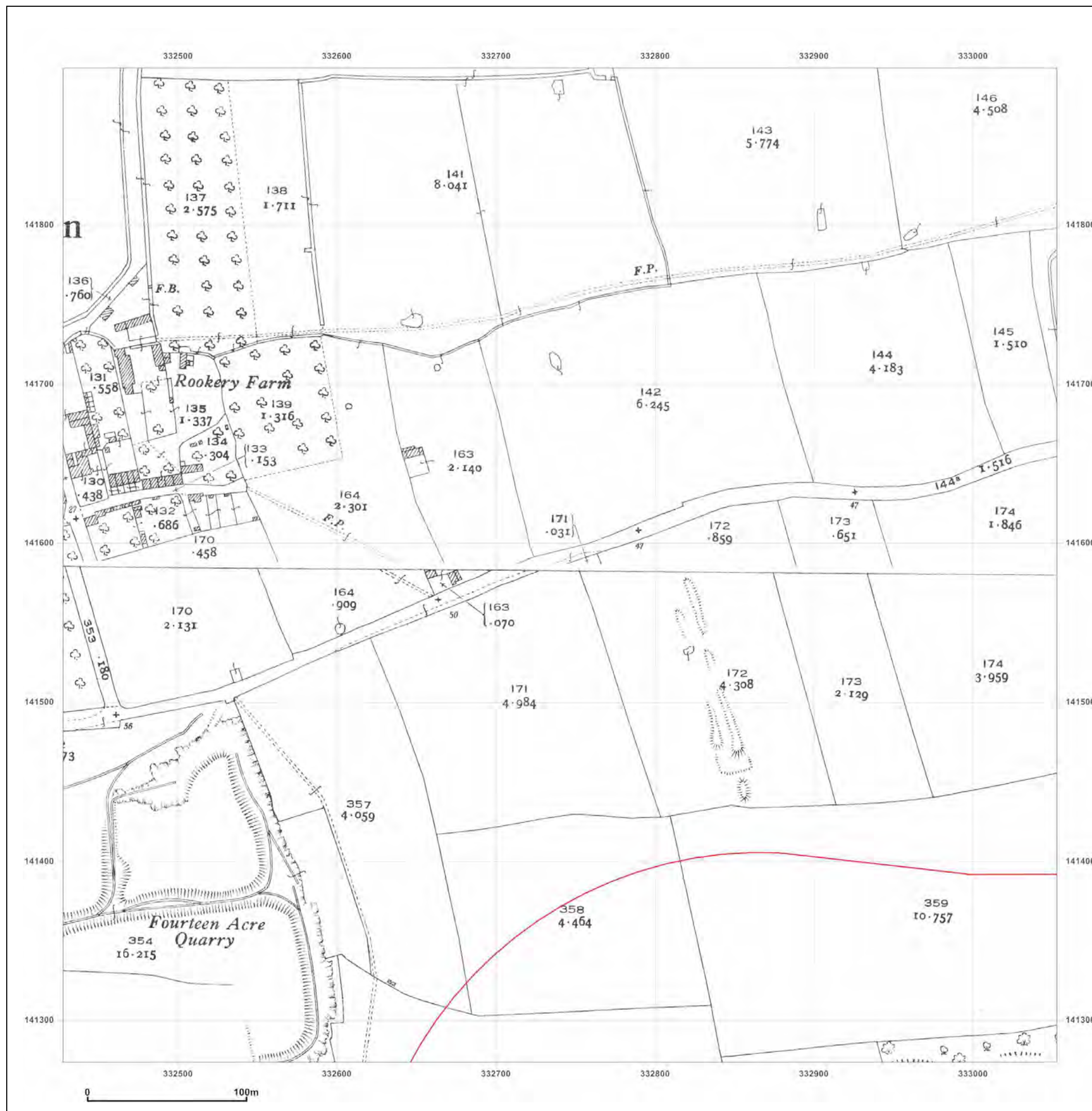


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C2
Grid Ref: 332740, 141586

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

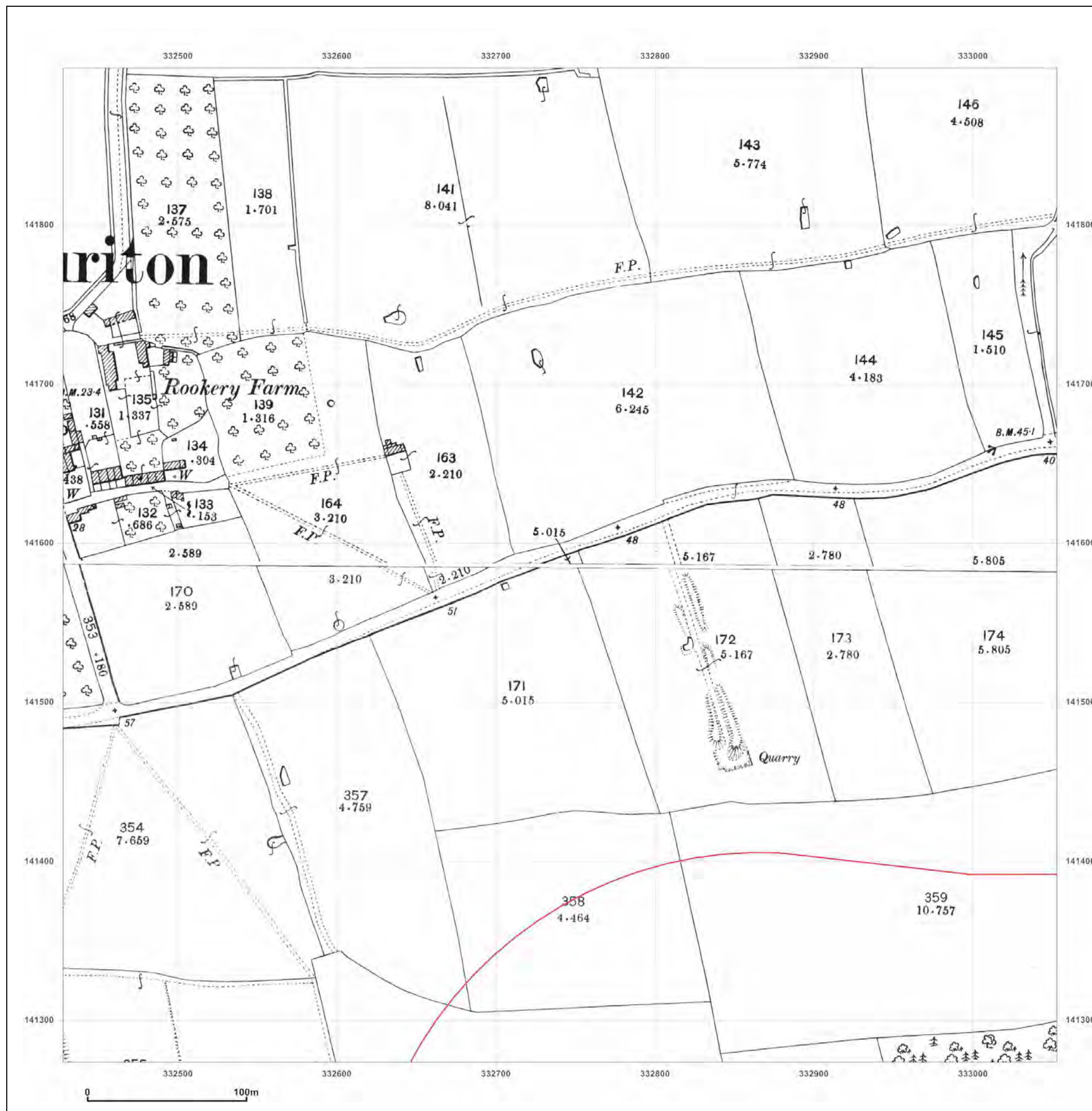


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_C2
Grid Ref: 332740, 141586

Map Name: County Series

Map date: 1887-1888

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1887
 Revised 1887
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

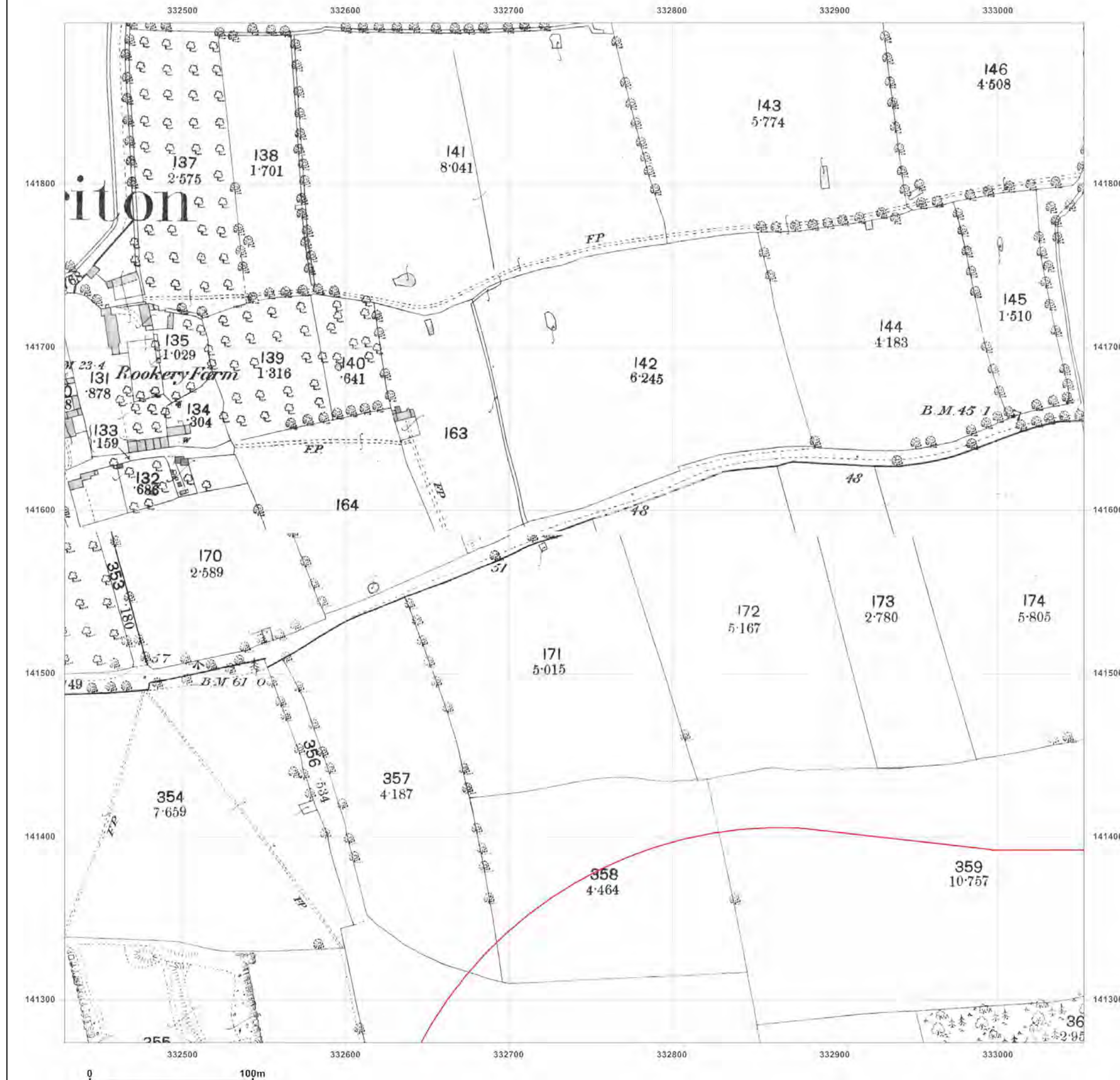


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Site Details:

Hinkley Project

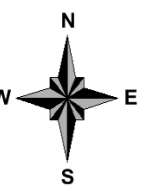
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B12
Grid Ref: 332140, 135586

Map Name: National Grid

Map date: 1994

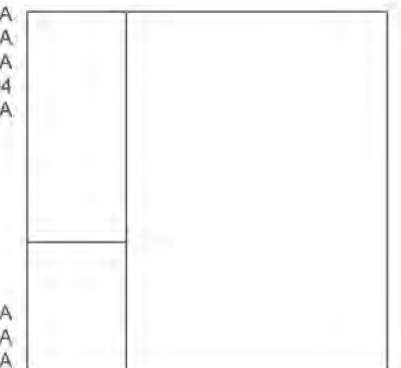
Scale: 1:1,250

Printed at: 1:2,500



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

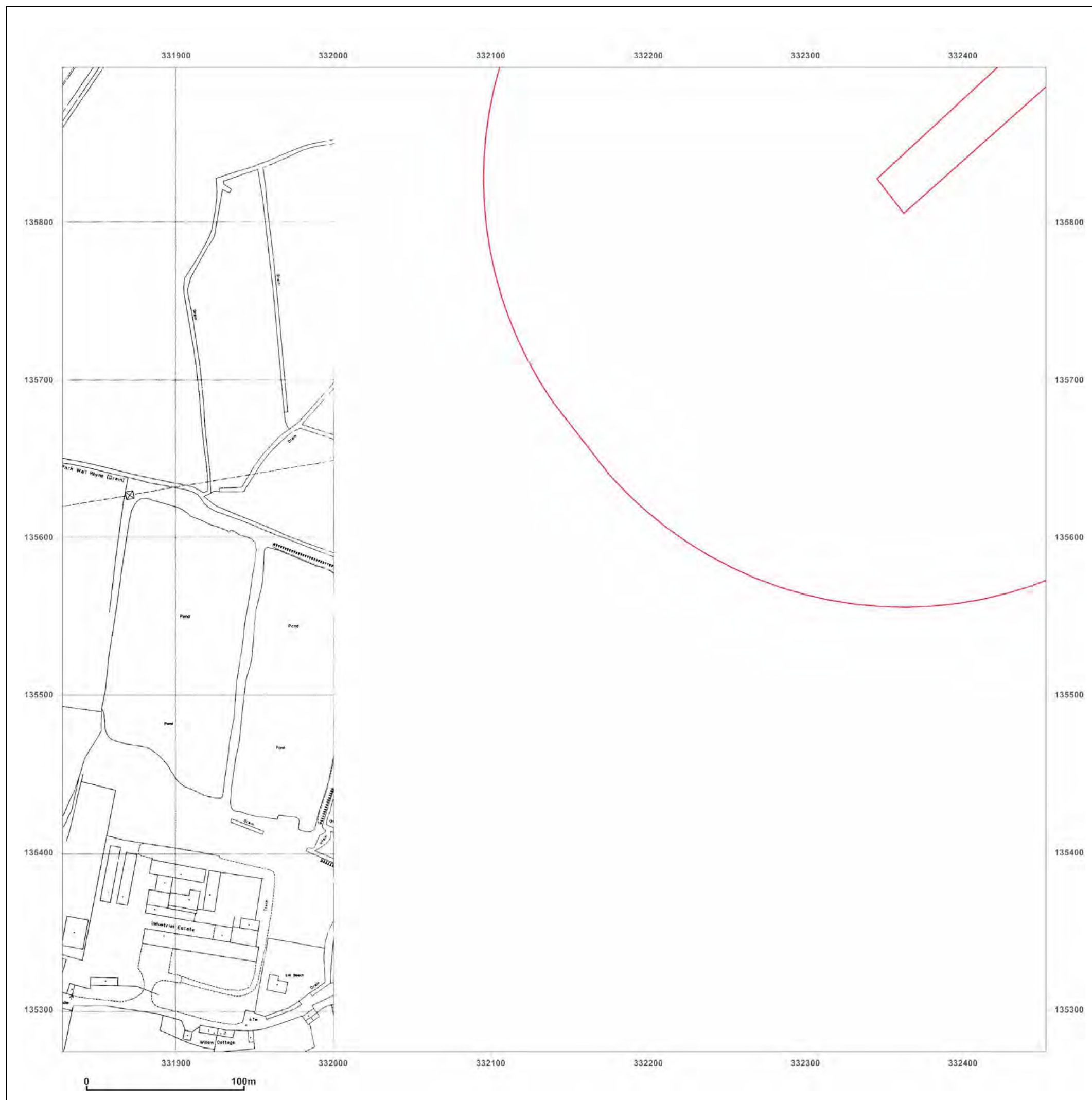


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B12
Grid Ref: 332140, 135586

Map Name: National Grid

Map date: 1968-1969

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1965
 Revised 1969
 Edition N/A
 Copyright 1970
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B12
Grid Ref: 332140, 135586

Map Name: County Series

Map date: 1904

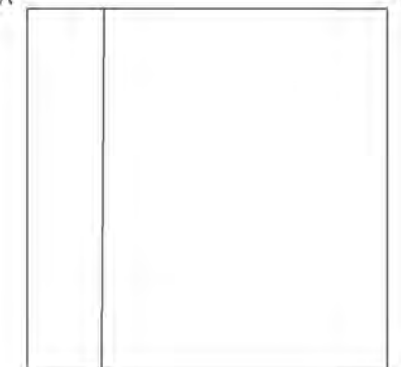
Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

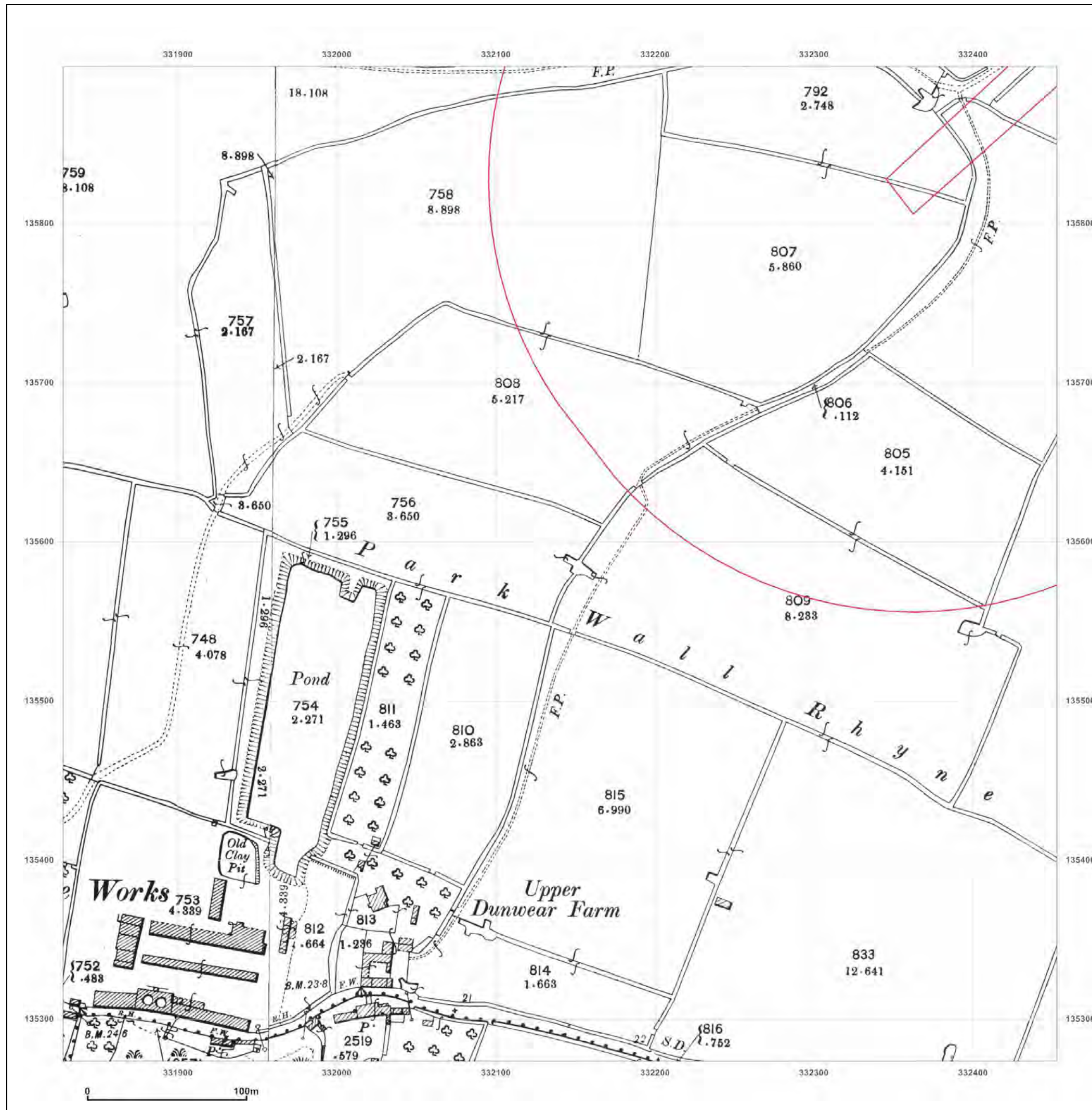


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B12
Grid Ref: 332140, 135586

Map Name: County Series

Map date: 1888-1889

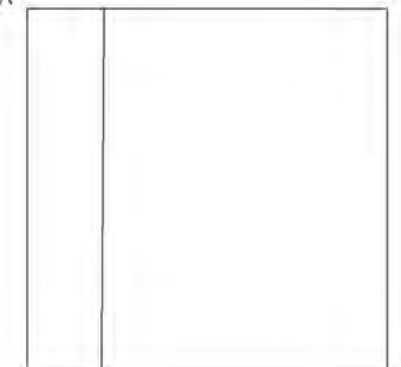
Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1889
 Revised 1889
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

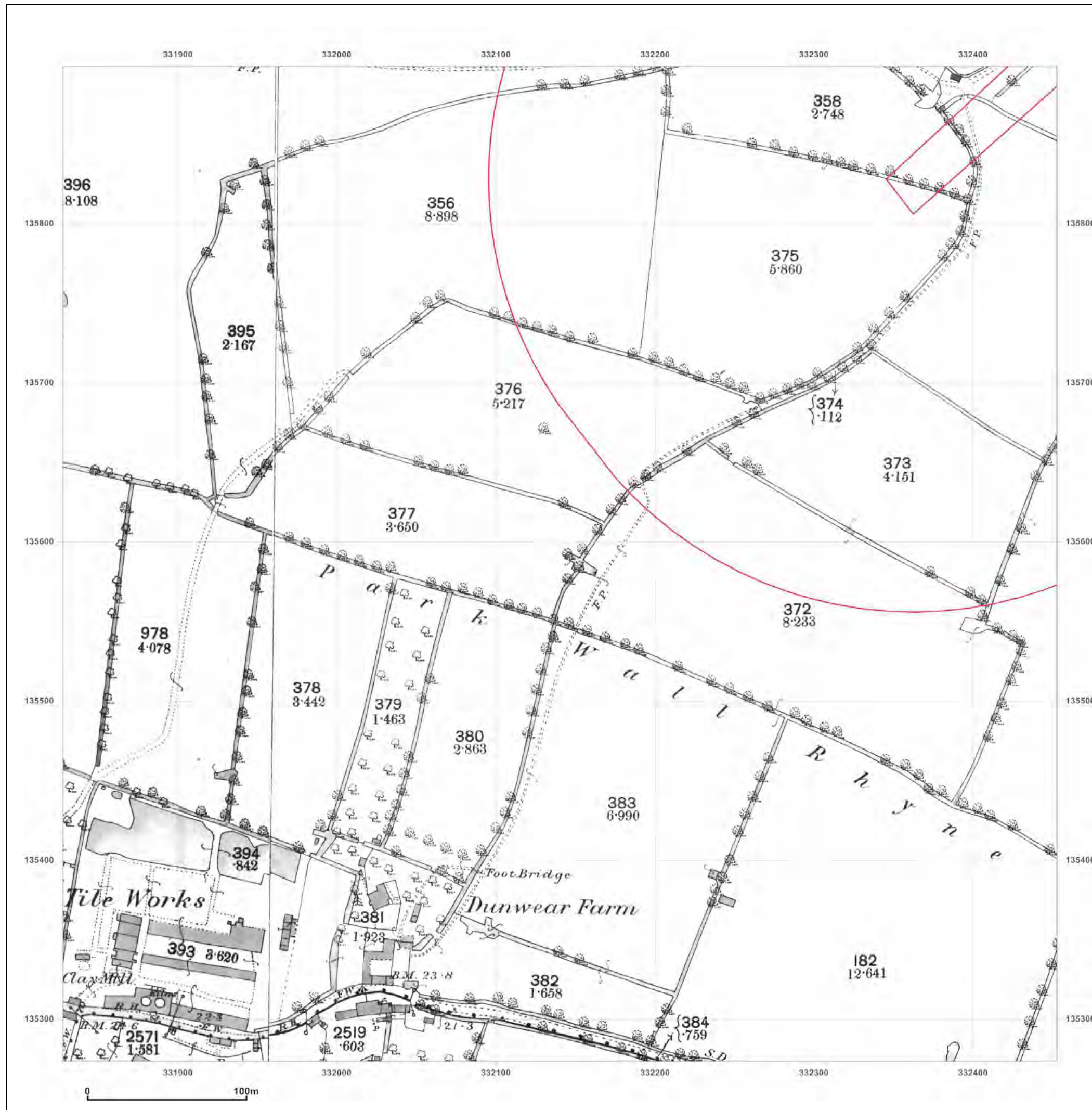


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B6
Grid Ref: 332140, 139186

Map Name: National Grid

Map date: 1994

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B6
Grid Ref: 332140, 139186

Map Name: National Grid

Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1970
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1970
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961



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Site Details:

Hinkley Project

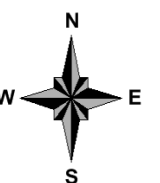
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B6
Grid Ref: 332140, 139186

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

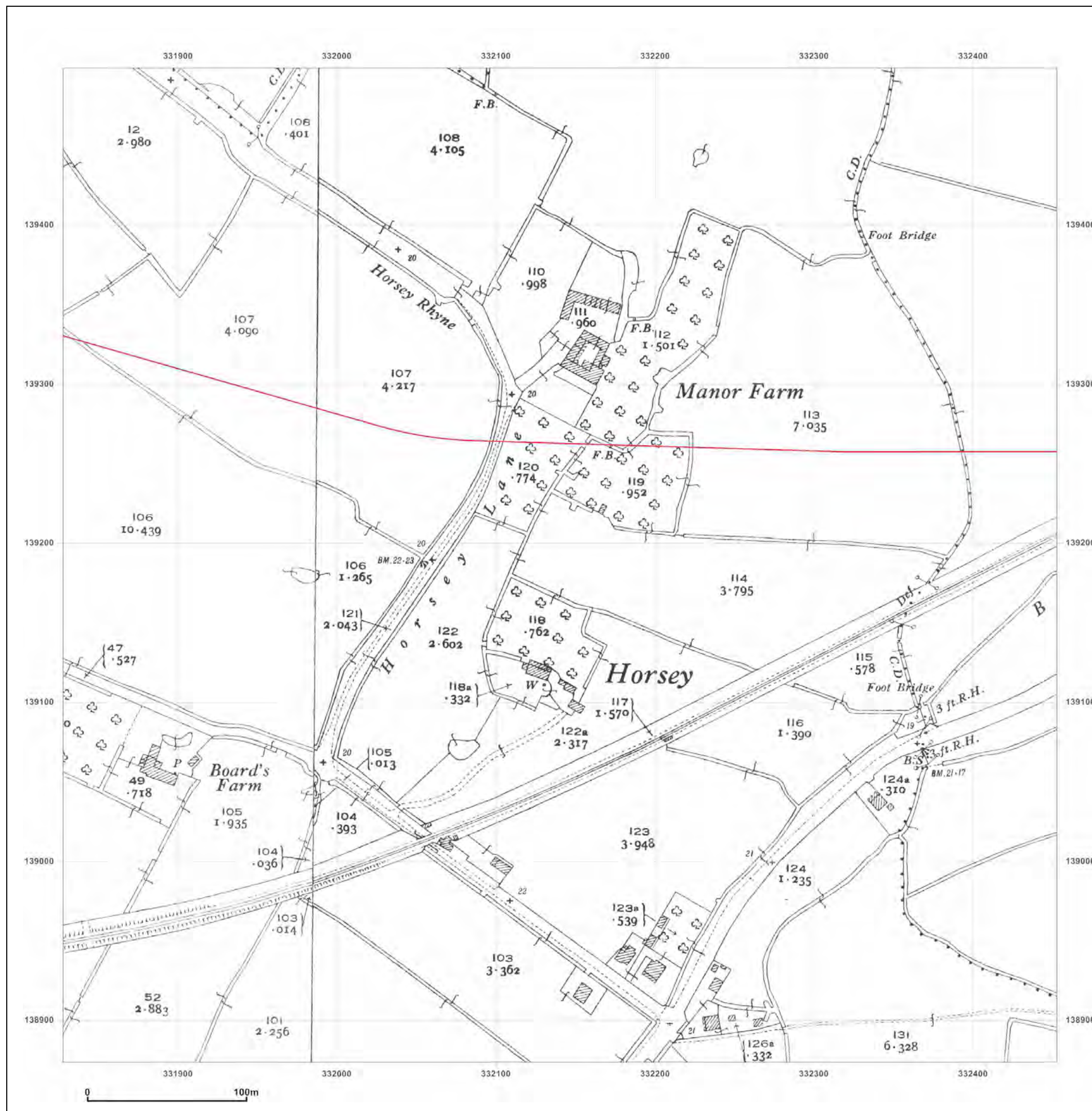


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Site Details:

Hinkley Project

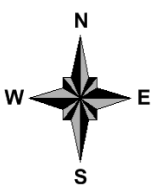
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B6
Grid Ref: 332140, 139186

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

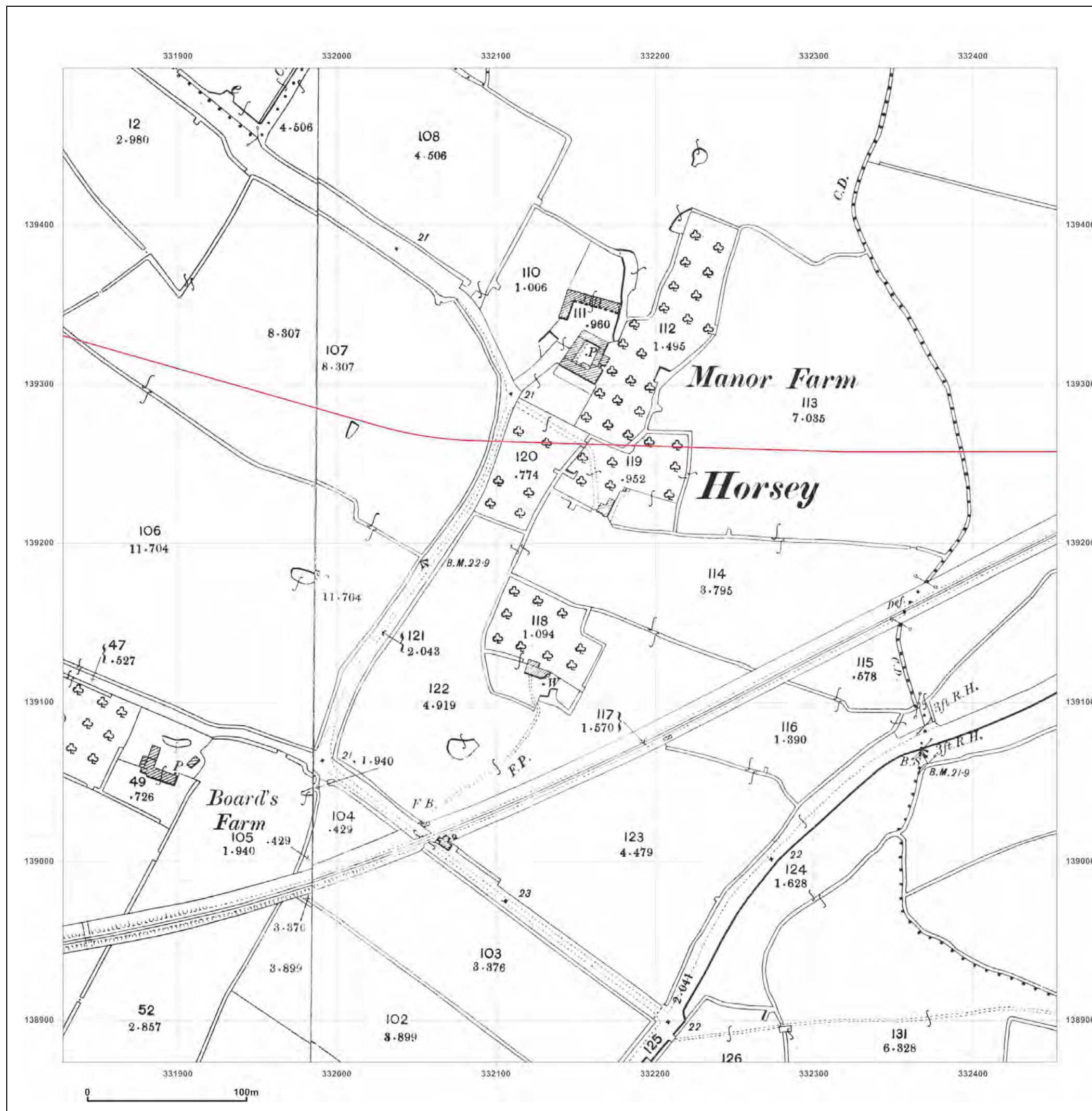


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B6
Grid Ref: 332140, 139186

Map Name: County Series

Map date: 1888-1889

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1889
 Revised 1889
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

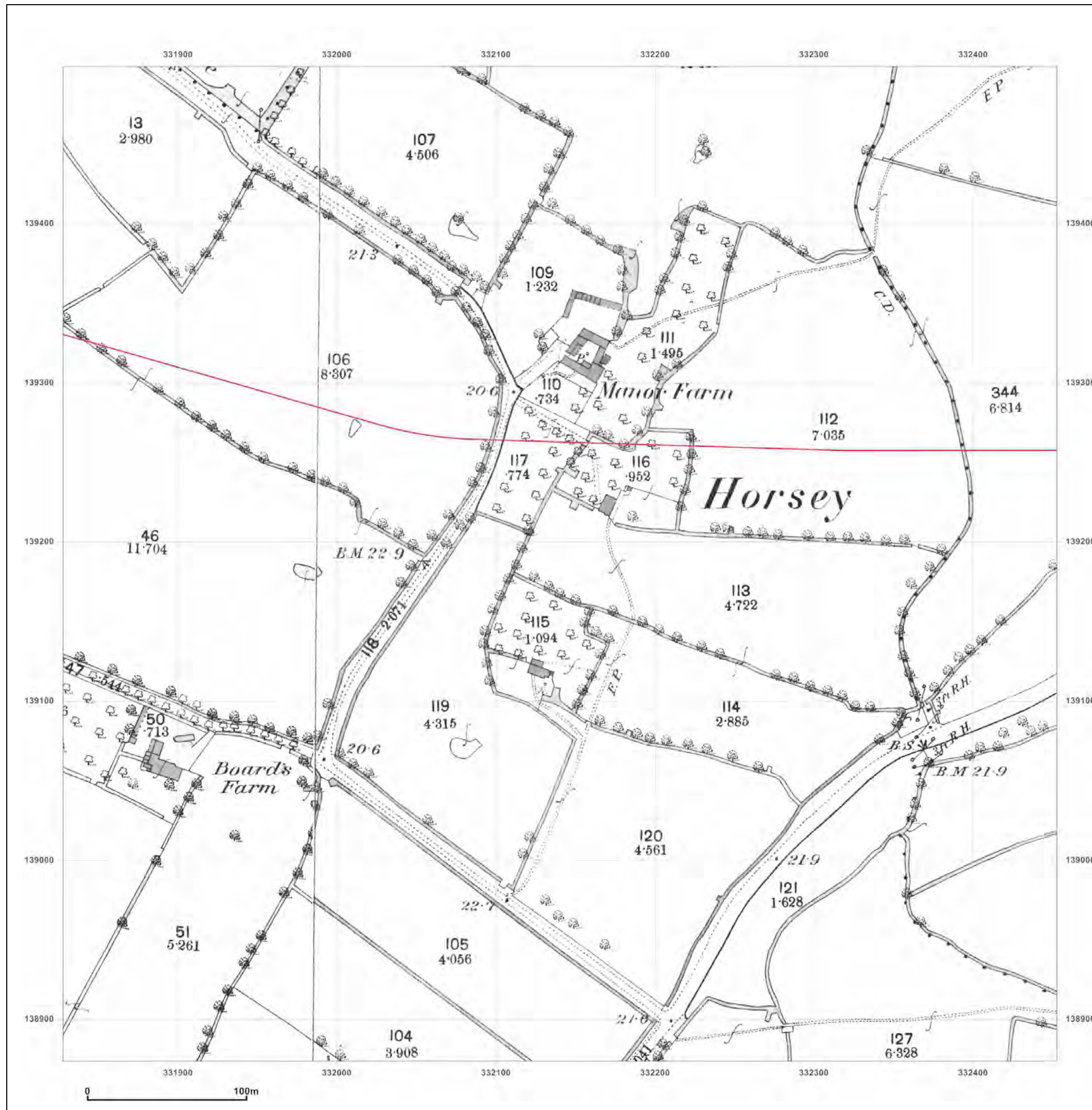


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B5
Grid Ref: 332140, 139785

Map Name: National Grid

Map date: 1994-1995

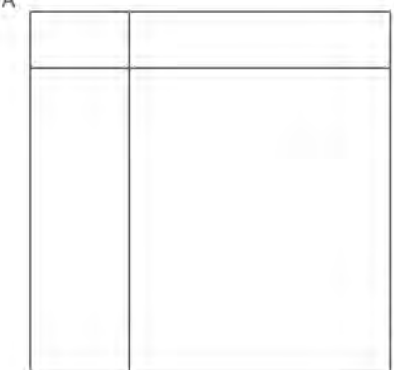
Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

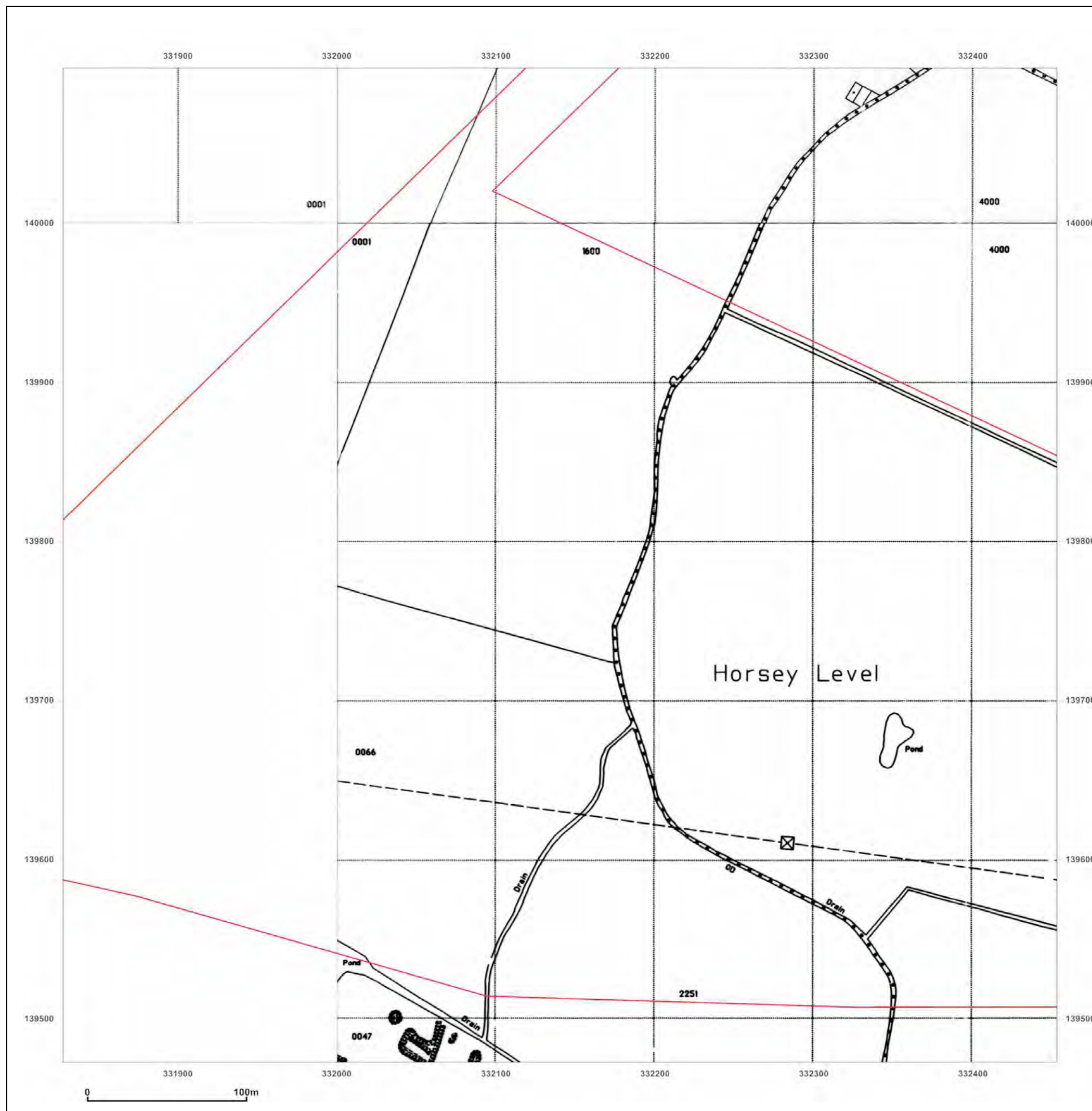


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.

Report Ref: HMD-278-816308_1_LS_B5

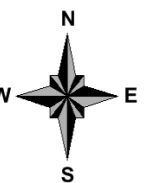
Grid Ref: 332140, 139785

Map Name: National Grid

Map date: 1994

Scale: 1:1,250

Printed at: 1:2,500



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

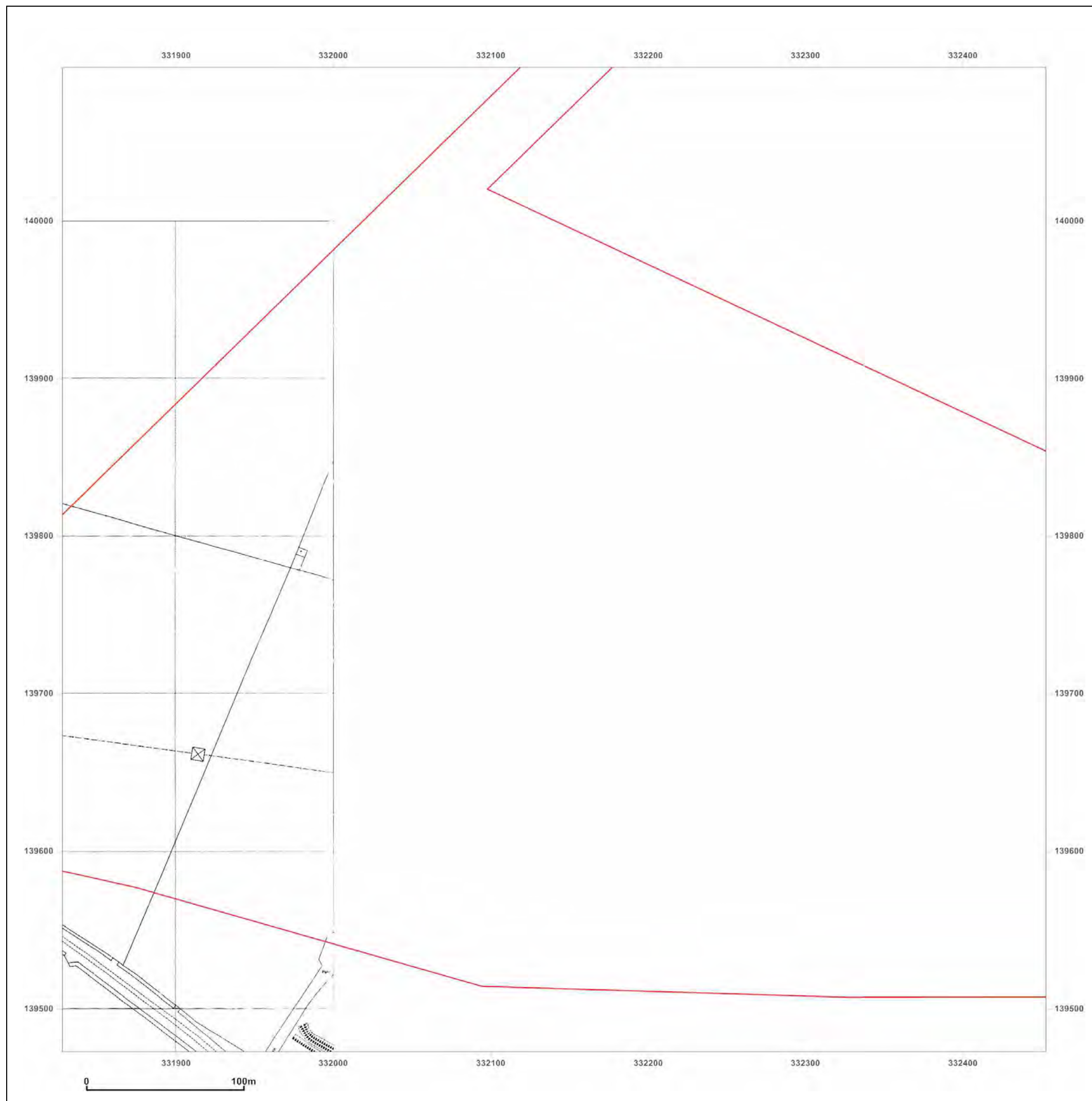


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B5
Grid Ref: 332140, 139785

Map Name: National Grid

Map date: 1968

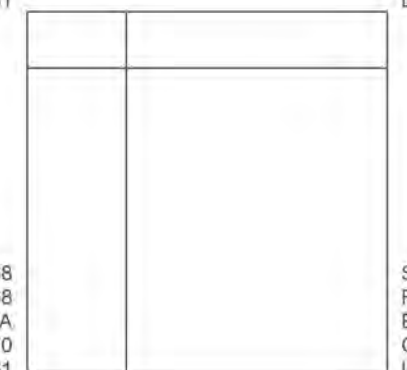
Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1970
 Levelled 1961



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1970
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

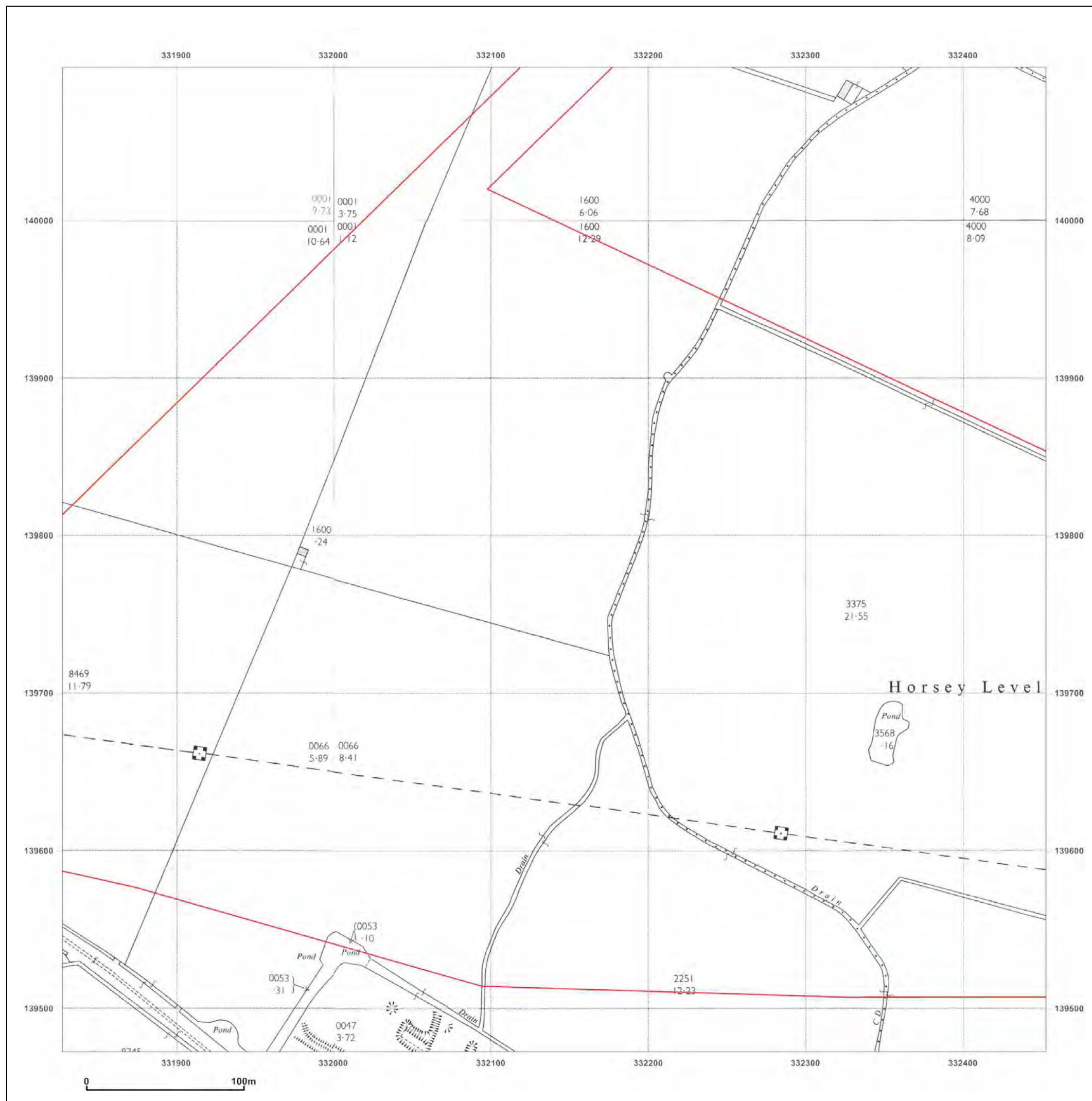


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B5
Grid Ref: 332140, 139785

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

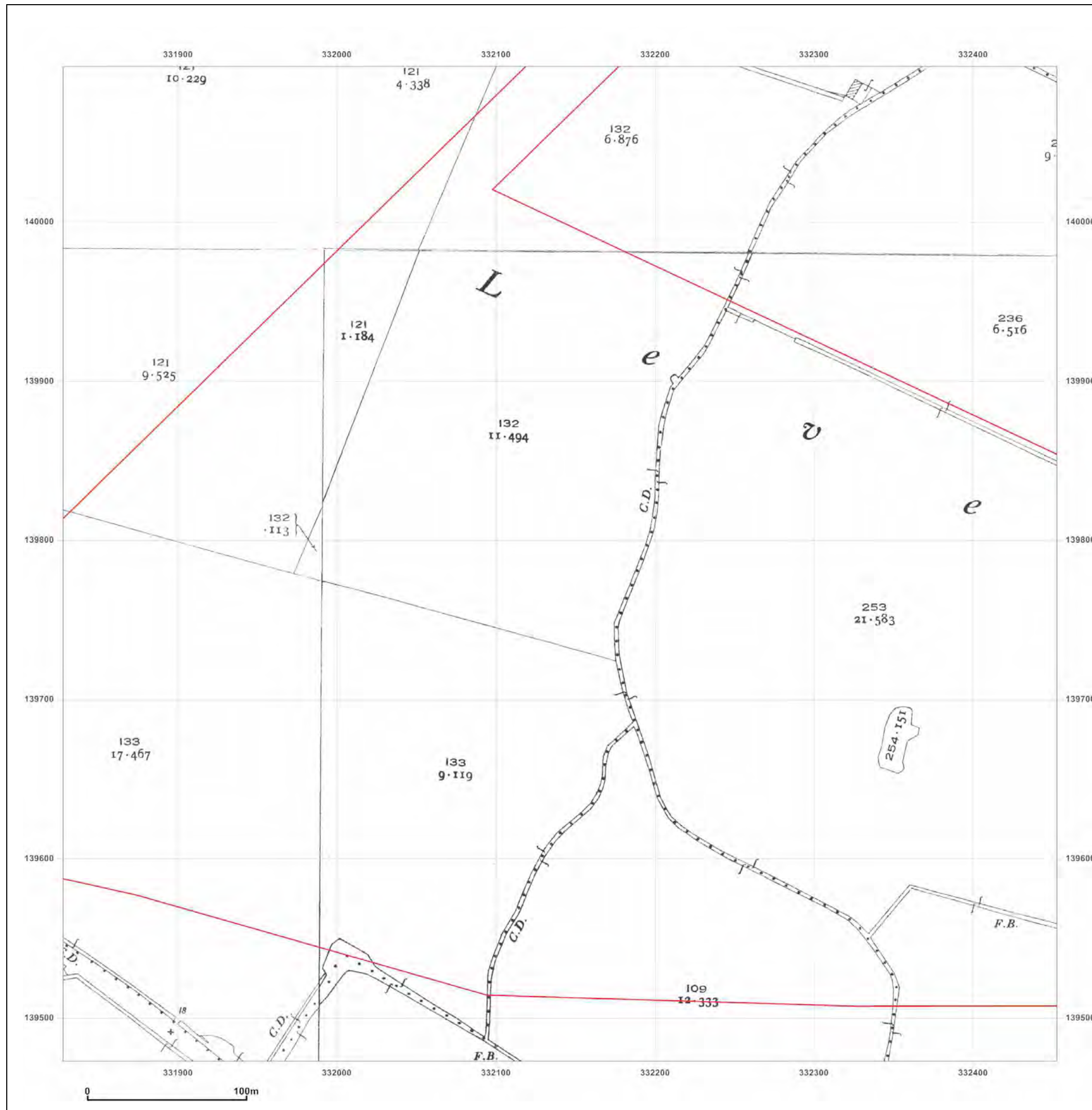


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B5
Grid Ref: 332140, 139785

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
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 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

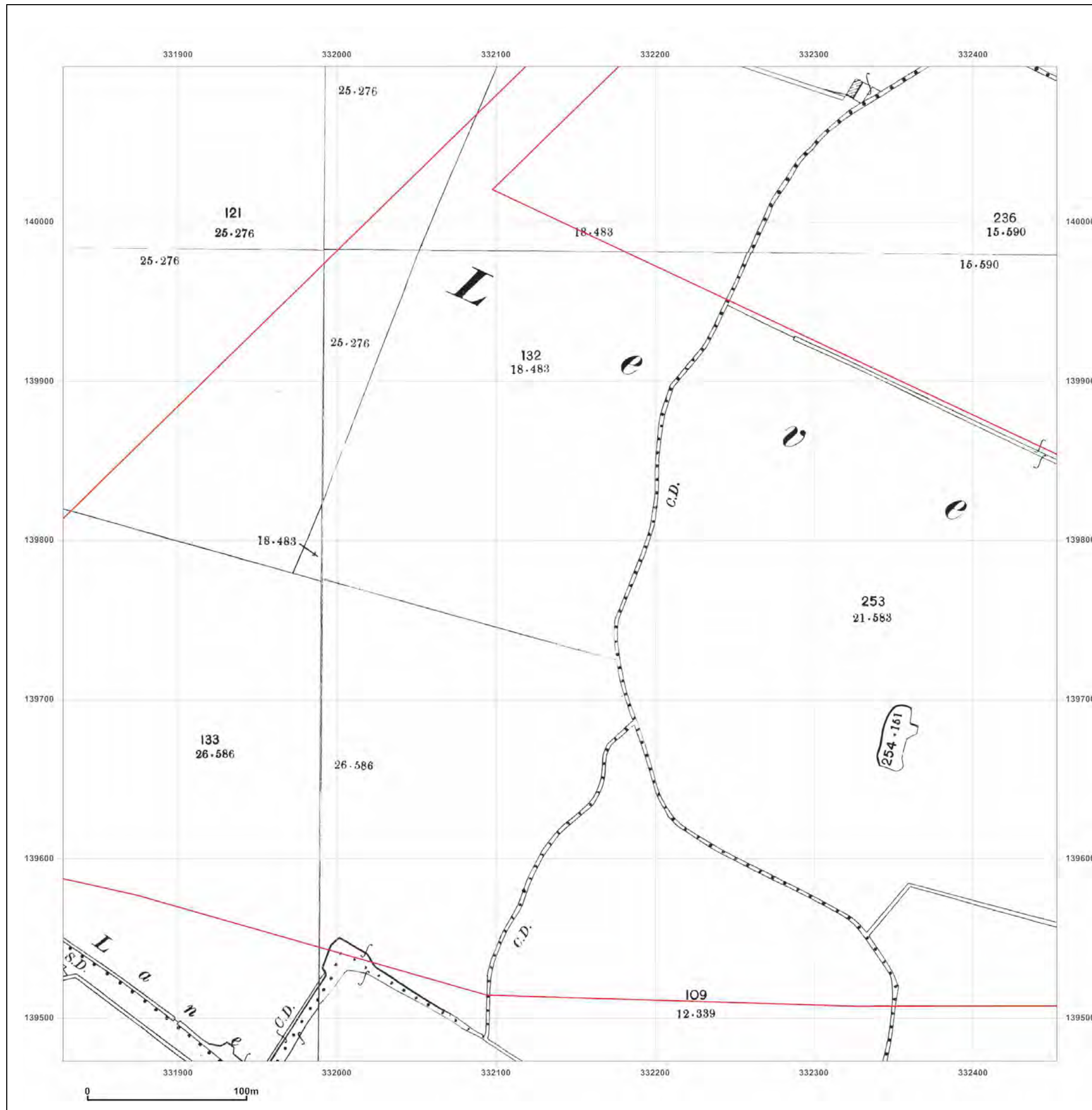


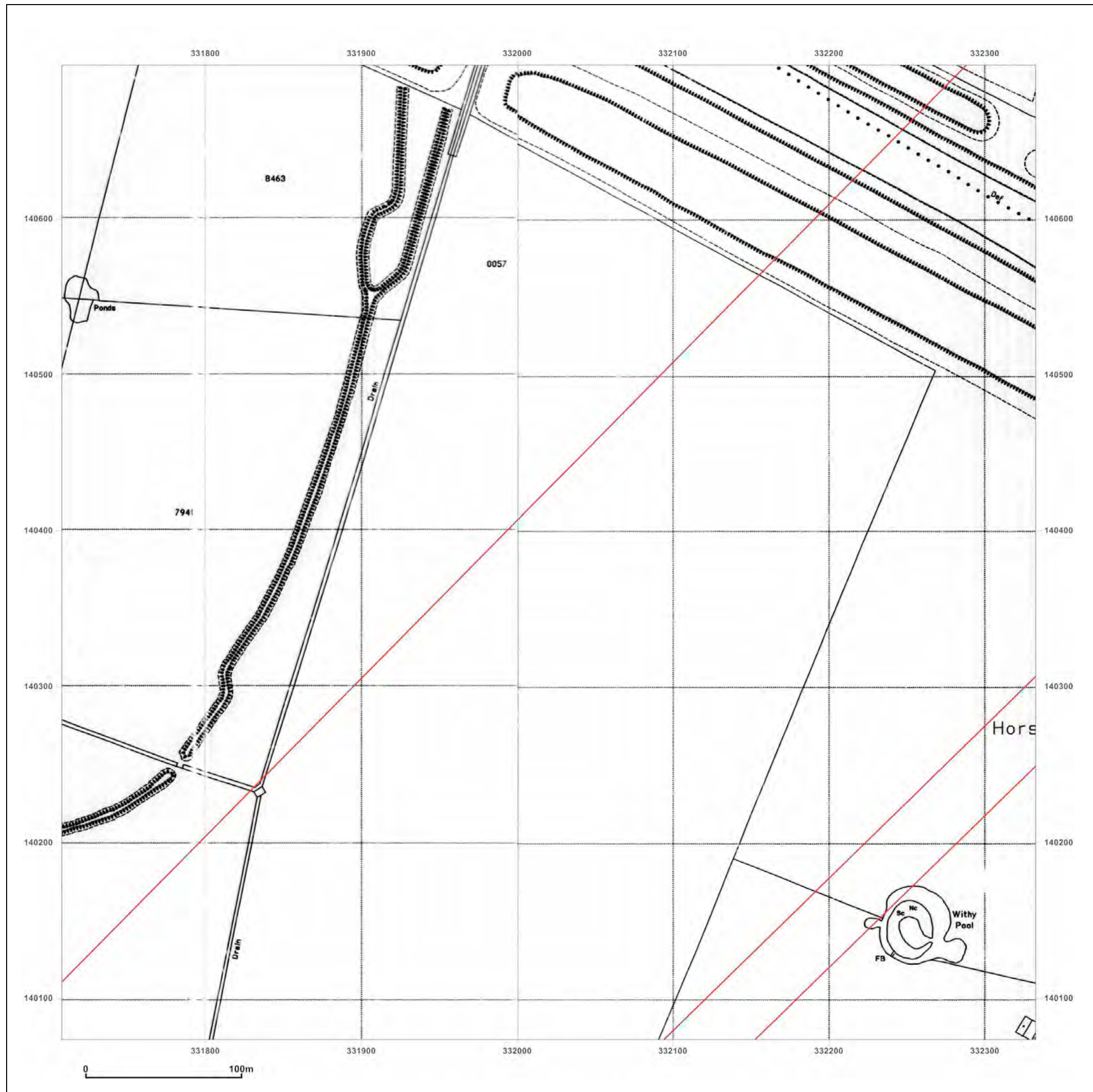
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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B4
Grid Ref: 332020, 140386

Map Name: National Grid

Map date: 1995

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1995
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1995
Levelled N/A



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B4
Grid Ref: 332020, 140386

Map Name: National Grid

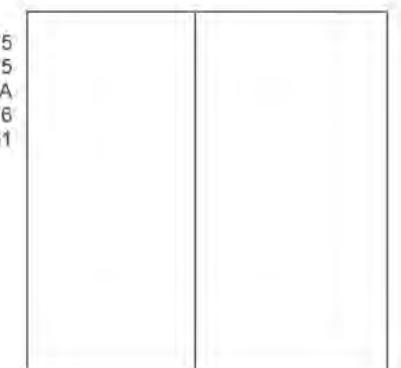
Map date: 1975

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1975
 Revised 1975
 Edition N/A
 Copyright 1976
 Levelled 1981

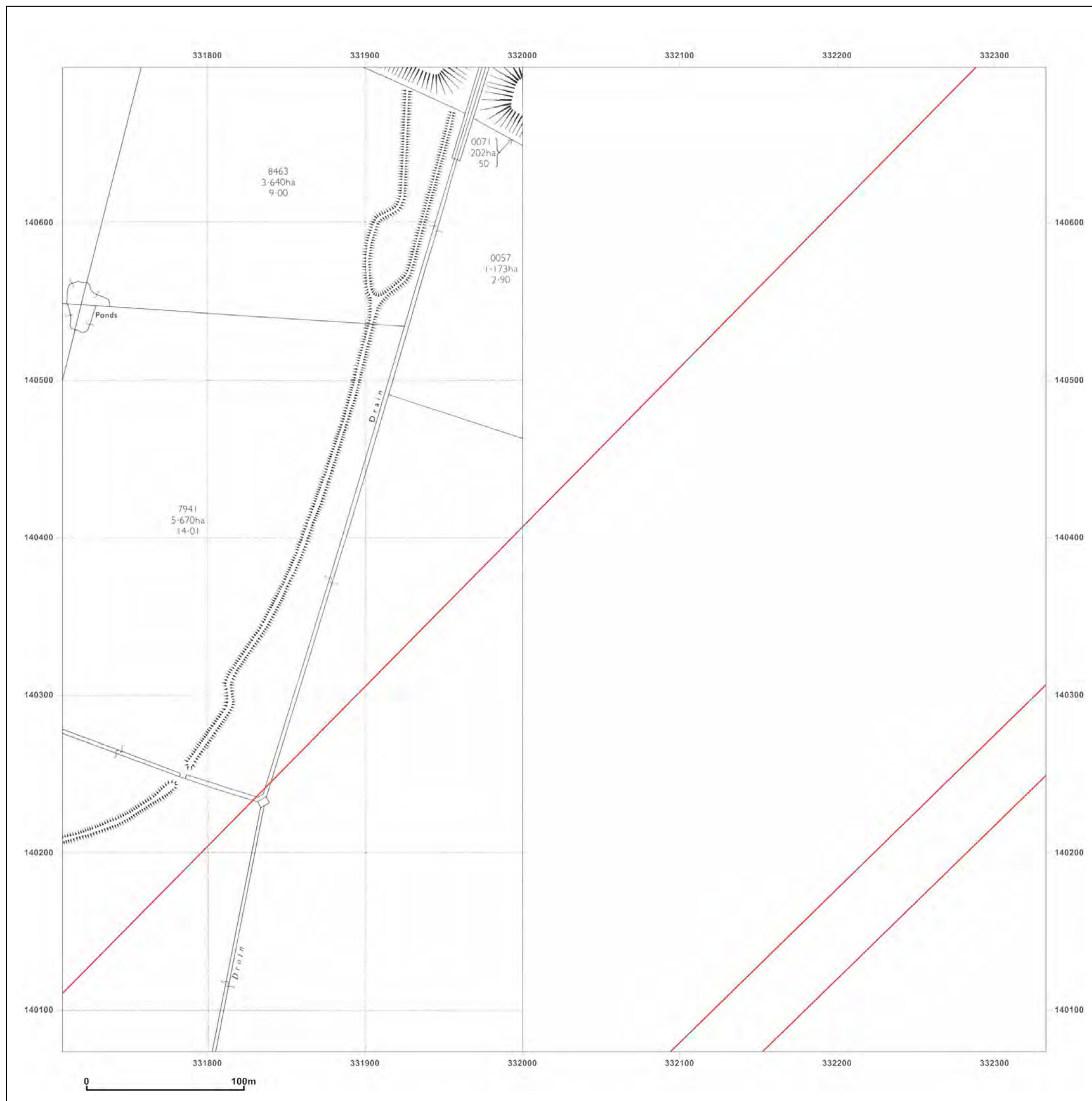


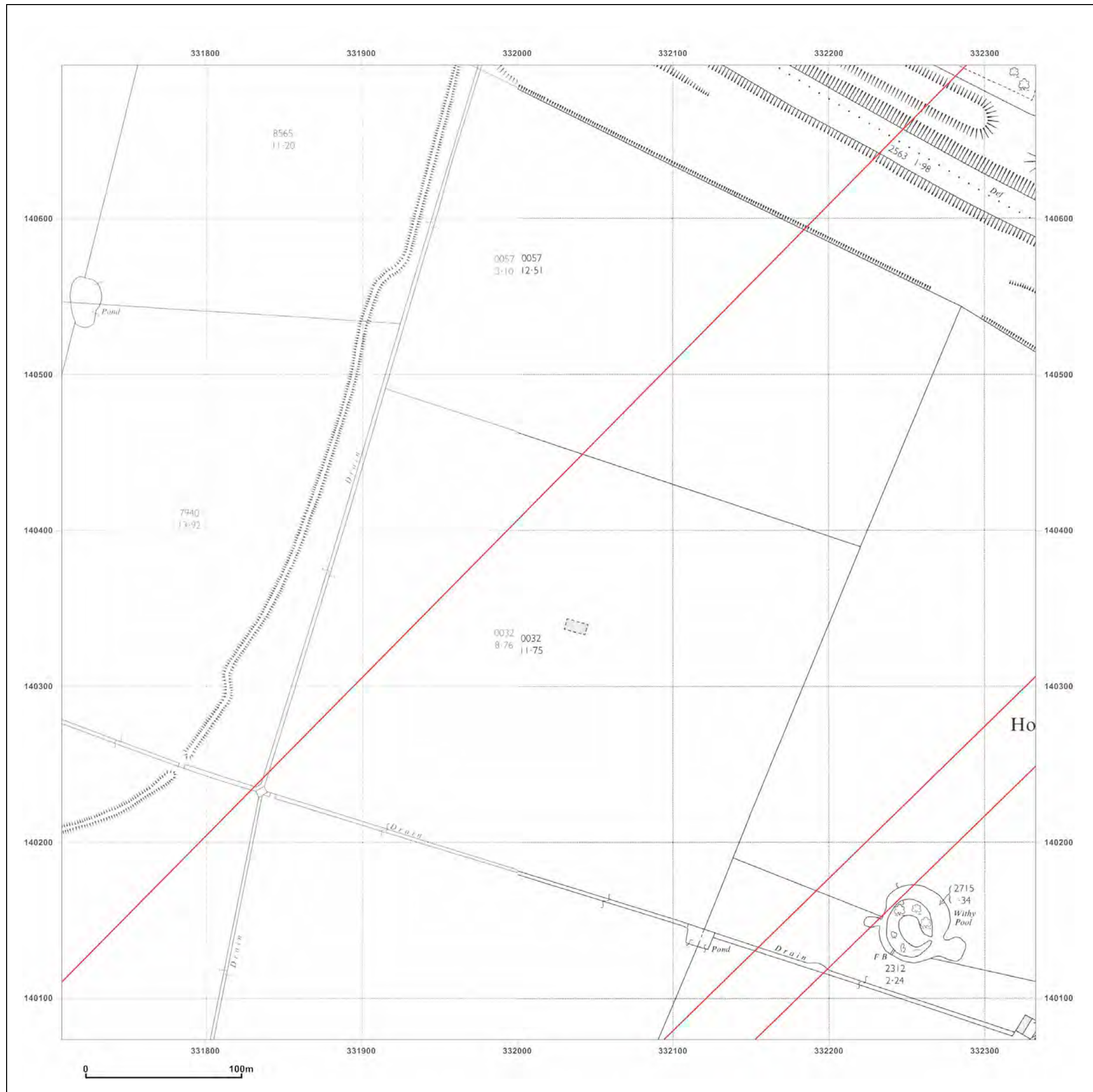
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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B4
Grid Ref: 332020, 140386

Map Name: National Grid

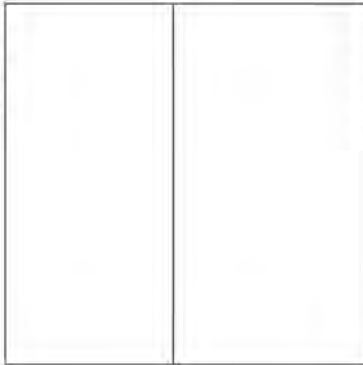
Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
Revised 1968
Edition N/A
Copyright 1969
Levelled 1961



Surveyed 1968
Revised 1968
Edition N/A
Copyright 1970
Levelled 1961



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B4
Grid Ref: 332020, 140386

Map Name: County Series

Map date: 1930

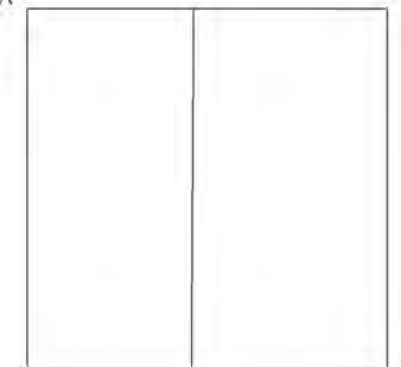
Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

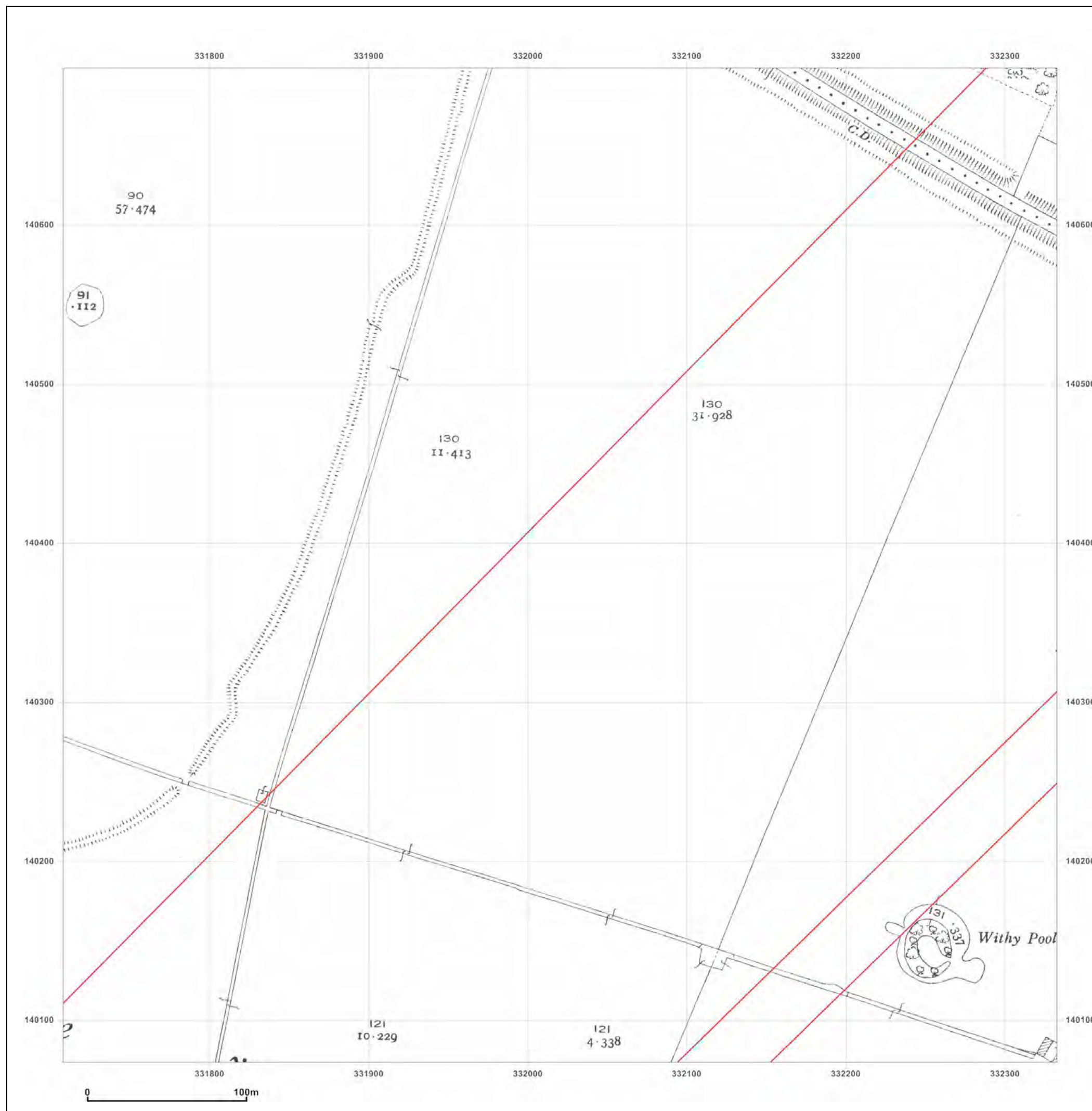


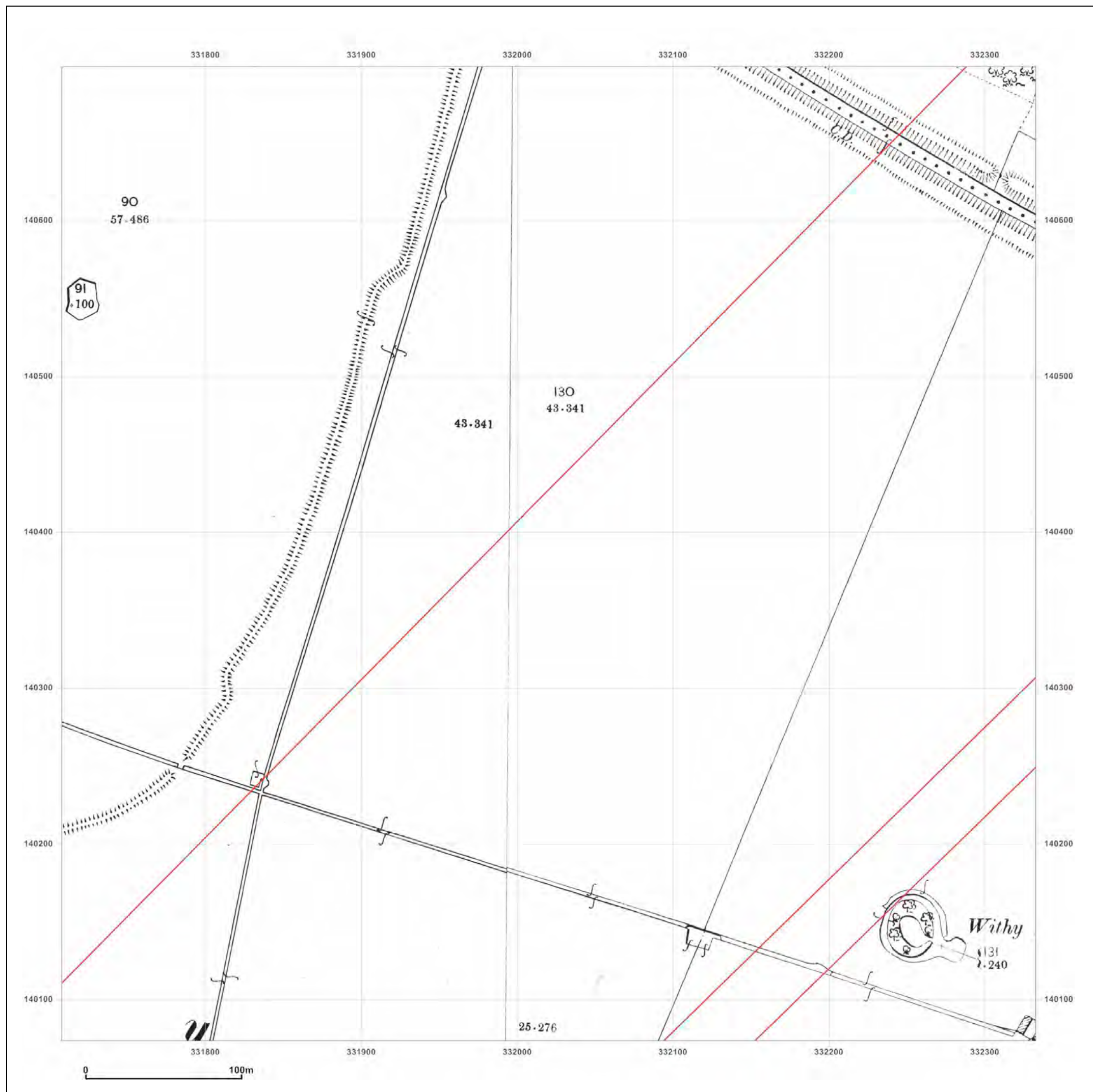
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Site Details:
Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B4
Grid Ref: 332020, 140386

Map Name: County Series
Map date: 1904
Scale: 1:2,500
Printed at: 1:2,500

Surveyed 1904
Revised 1904
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1904
Revised 1904
Edition N/A
Copyright N/A
Levelled N/A

Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_B4
Grid Ref: 332020, 140386

Map Name: County Series

Map date: 1888-1889

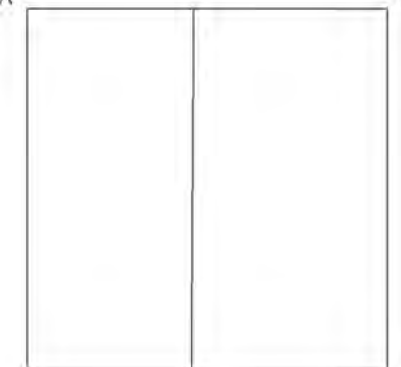
Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1889
 Revised 1889
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

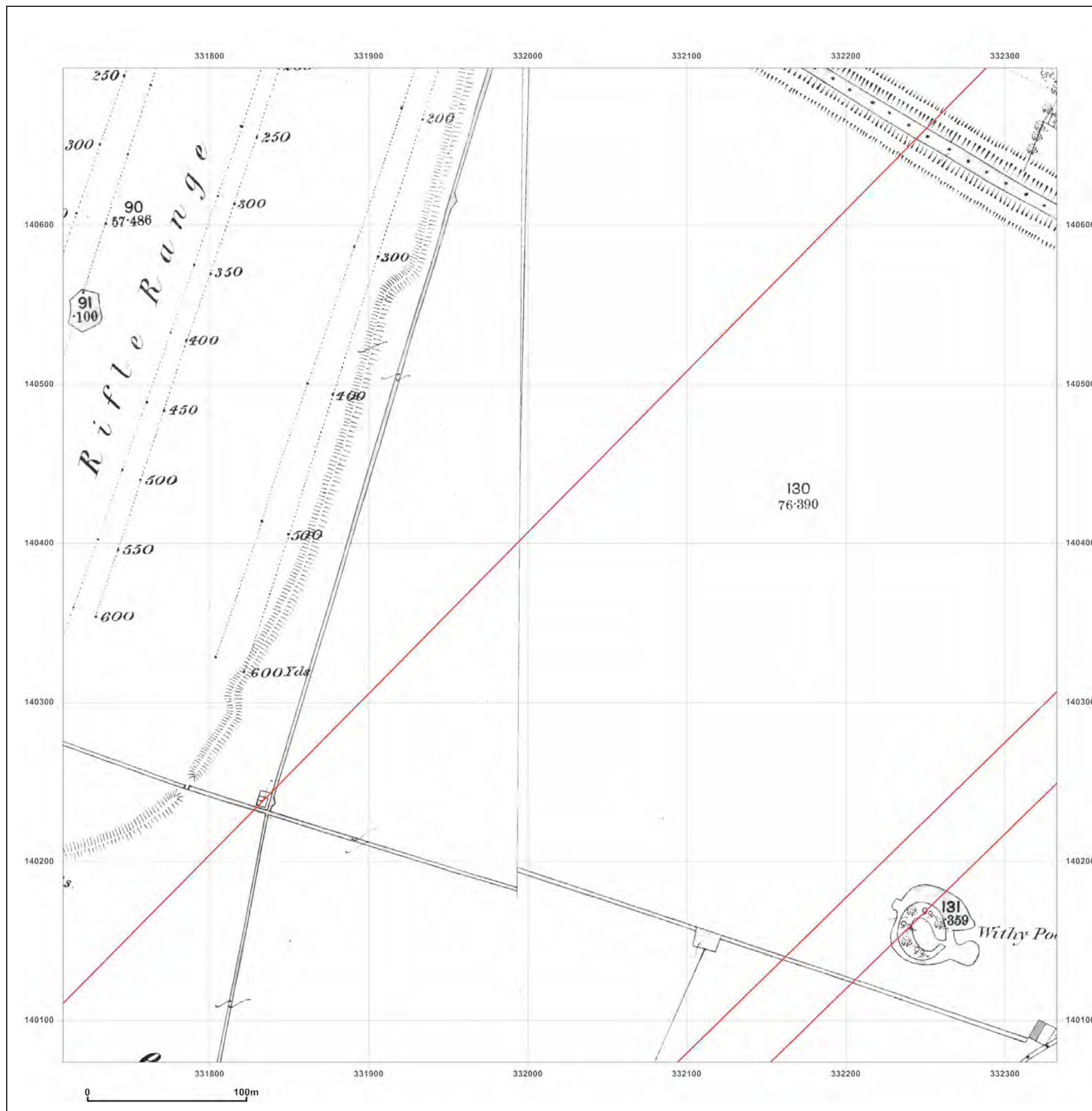


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_A6
Grid Ref: 331540, 139186

Map Name: National Grid

Map date: 1994

Scale: 1:1,250

Printed at: 1:2,500



<p>Surveyed N/A Revised N/A Edition N/A Copyright 1994 Levelled N/A</p>	<p>Surveyed N/A Revised N/A Edition N/A Copyright 1994 Levelled N/A</p>
<p>Surveyed N/A Revised N/A Edition N/A Copyright 1994 Levelled N/A</p>	<p>Surveyed N/A Revised N/A Edition N/A Copyright 1994 Levelled N/A</p>



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_A6
Grid Ref: 331540, 139186

Map Name: National Grid

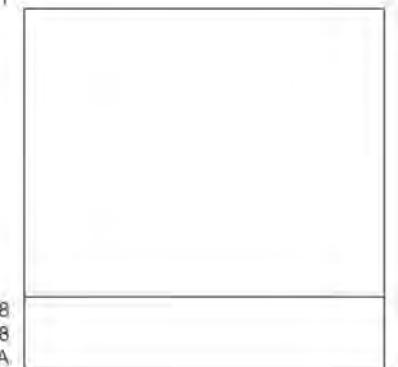
Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1970
 Levelled 1961



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1970
 Levelled 1961

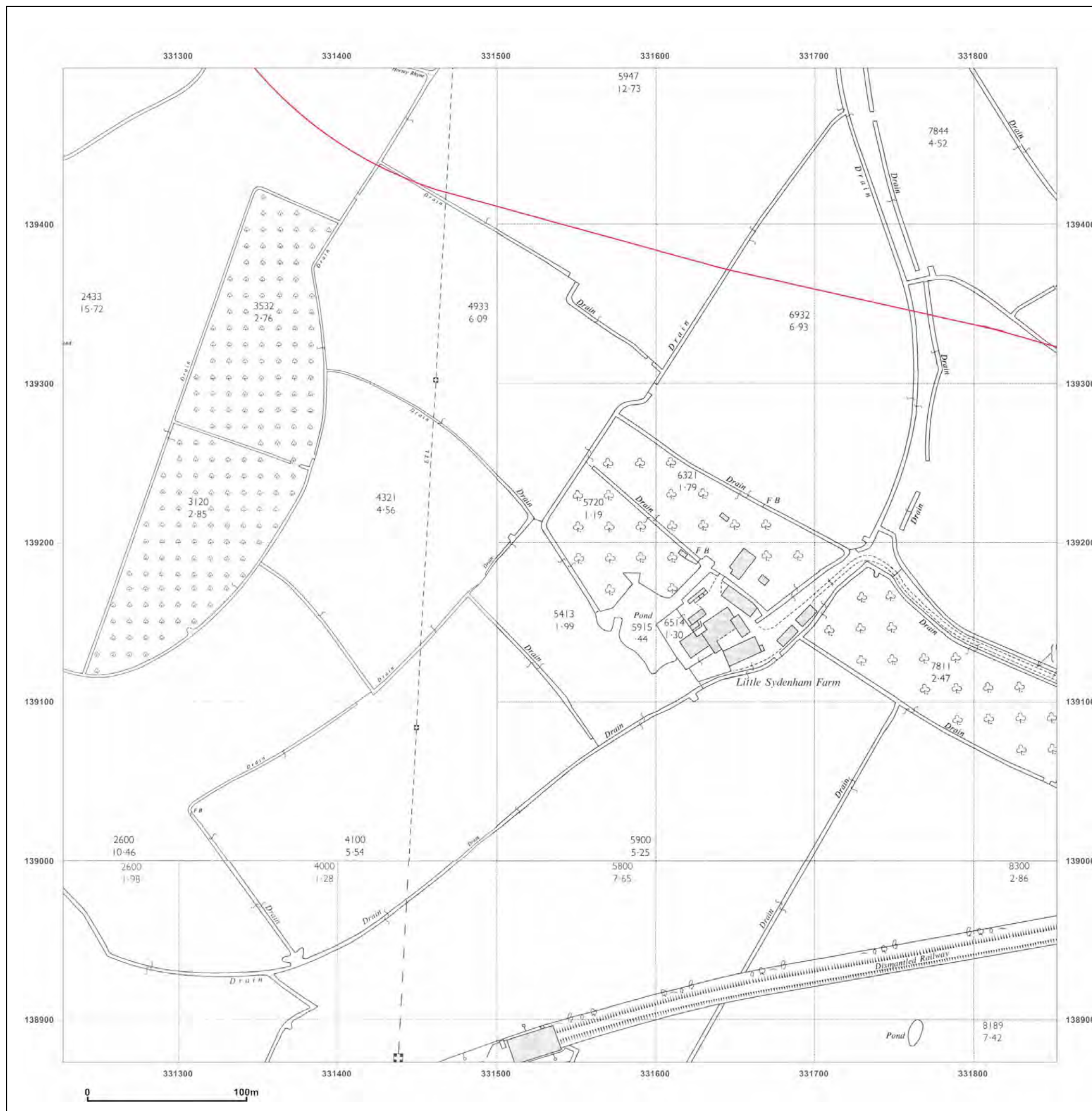


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_A6
Grid Ref: 331540, 139186

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

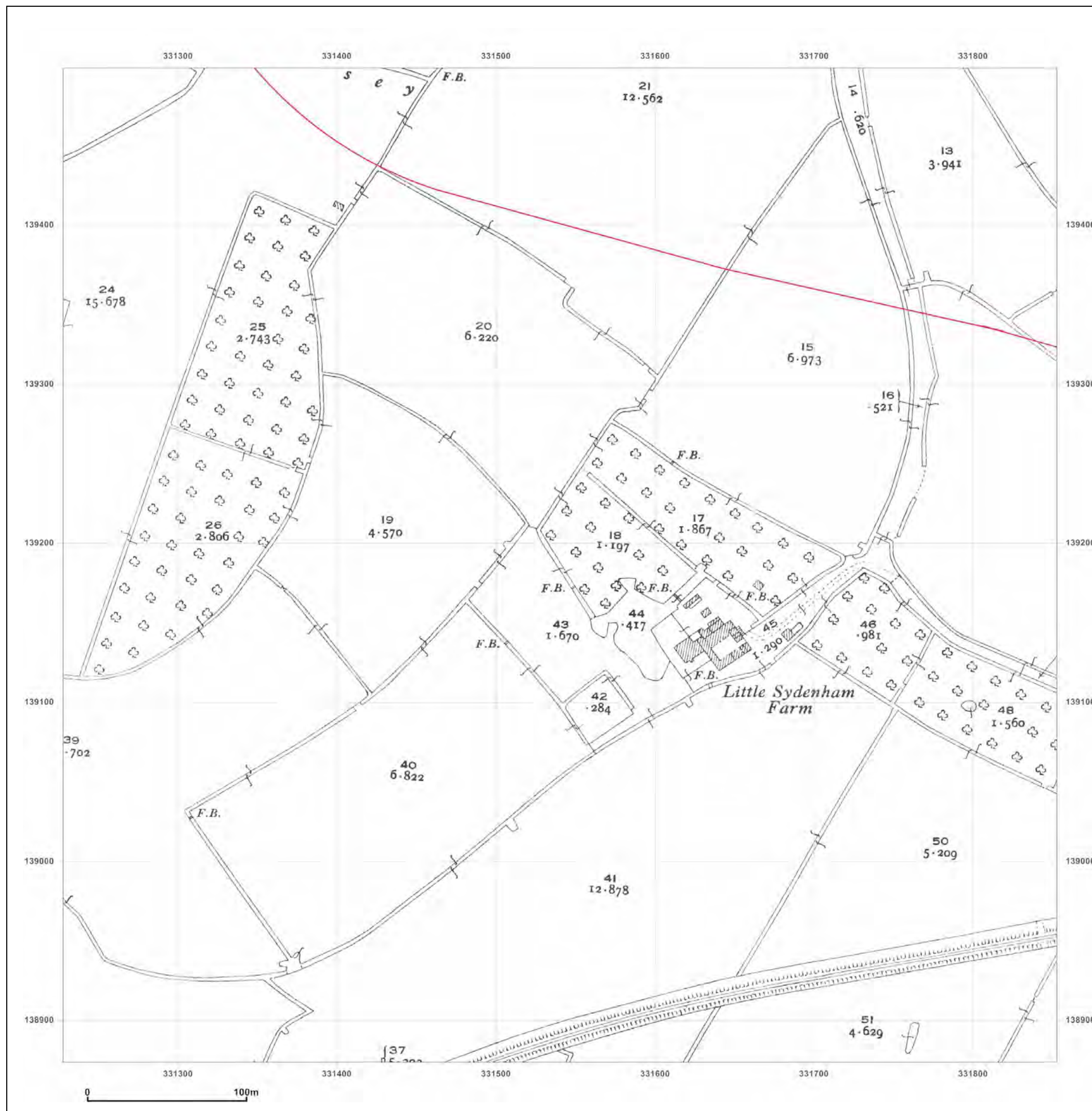


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_A6
Grid Ref: 331540, 139186

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

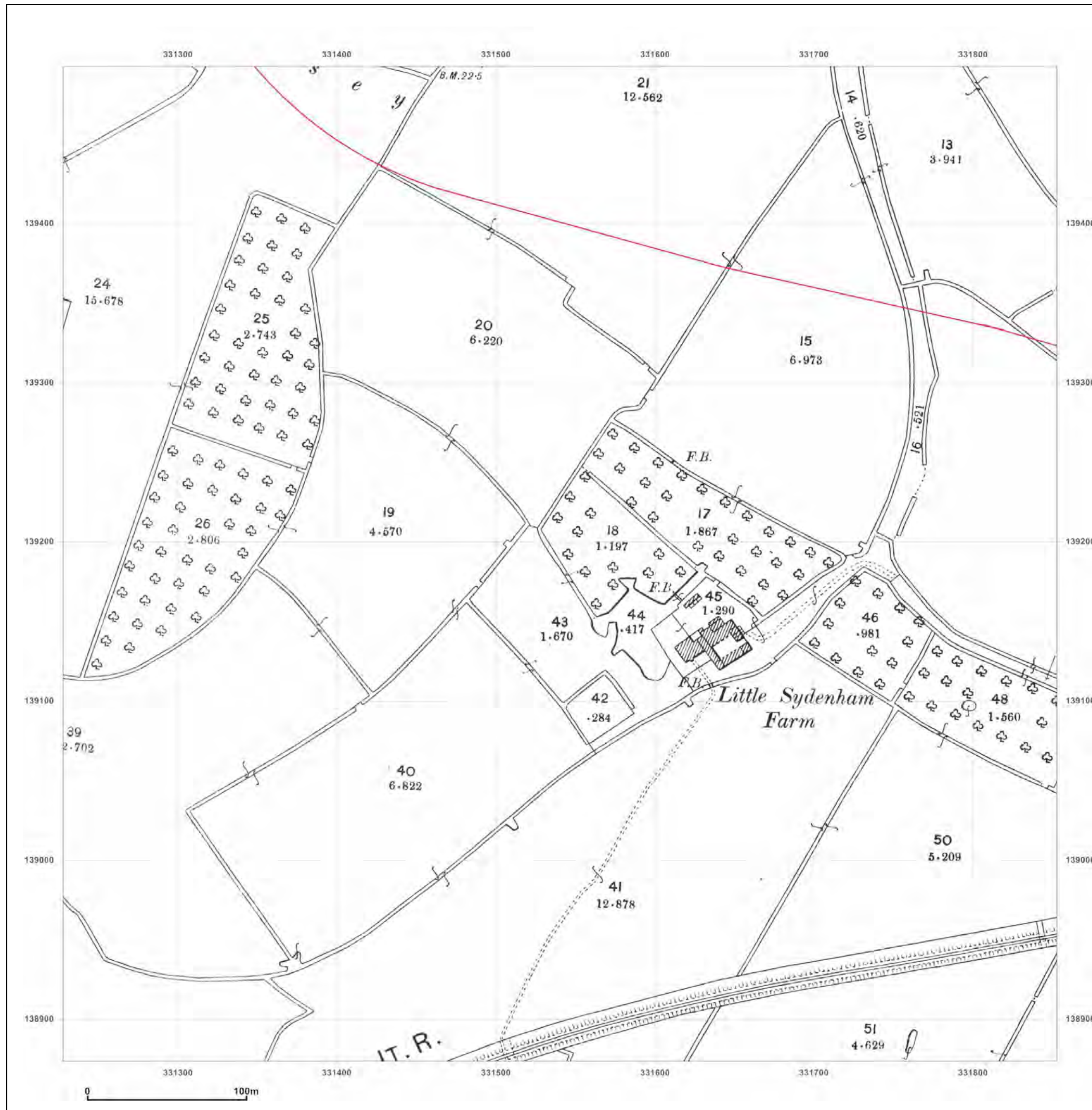


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_A6
Grid Ref: 331540, 139186

Map Name: County Series

Map date: 1889

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1889
 Revised 1889
 Edition N/A
 Copyright N/A
 Levelled N/A

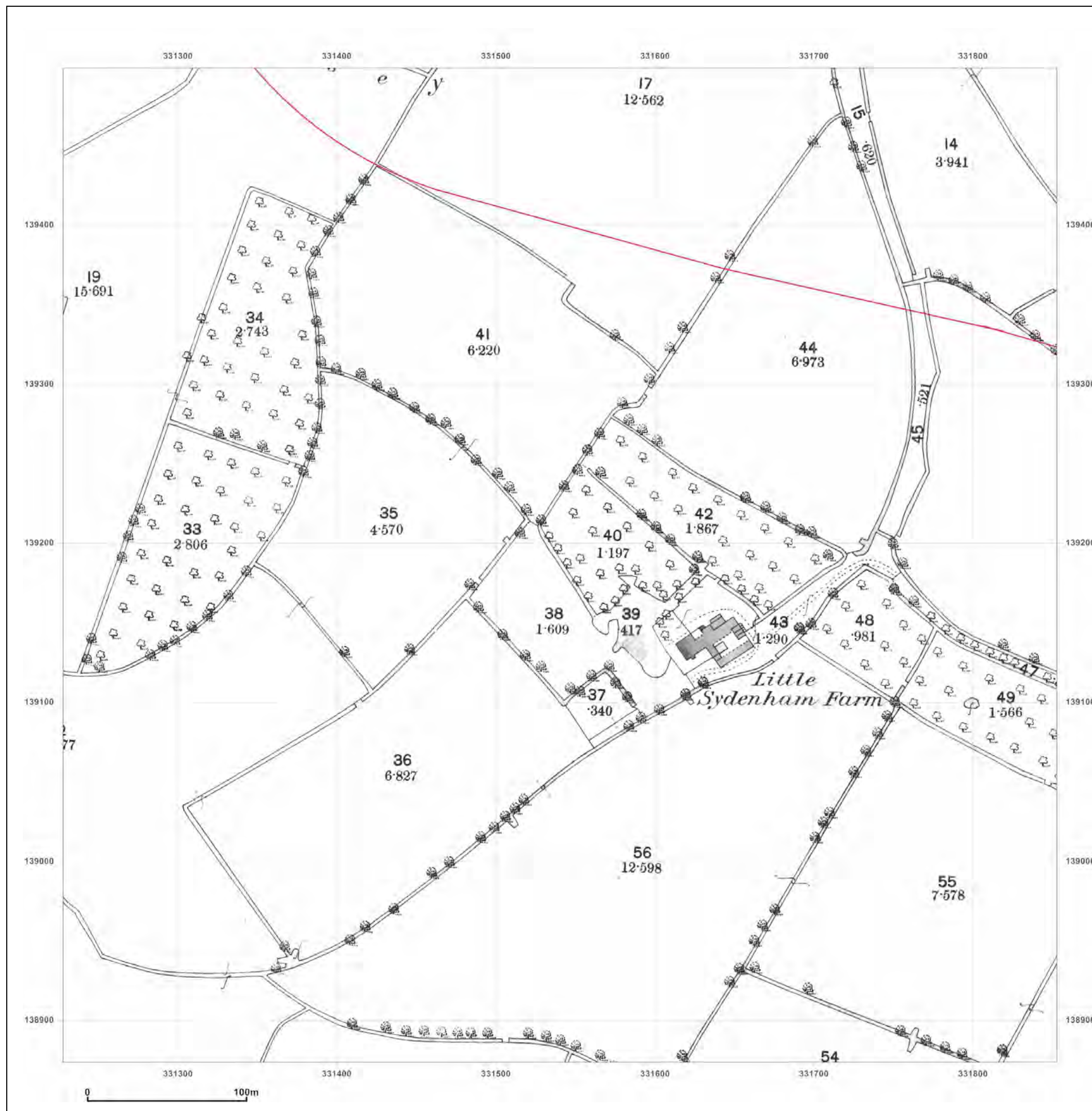


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.

Report Ref: HMD-278-816308_1_LS_A5

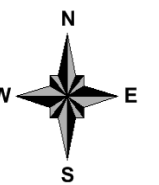
Grid Ref: 331539, 139785

Map Name: National Grid

Map date: 1995

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
Revised N/A
Edition N/A
Copyright 1995
Levelled N/A

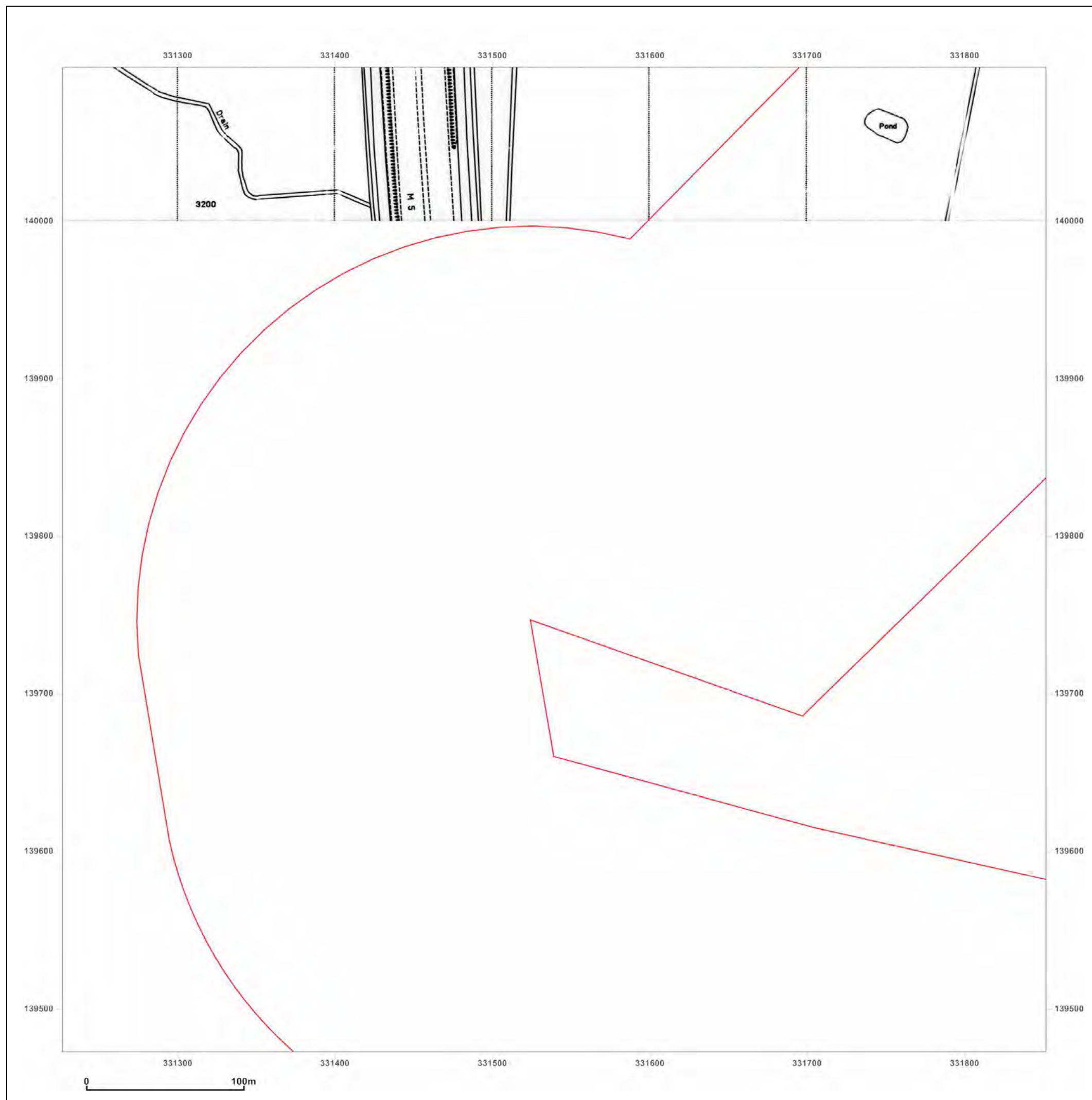


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_A5
Grid Ref: 331539, 139785

Map Name: National Grid

Map date: 1994

Scale: 1:1,250

Printed at: 1:2,500



<p>Surveyed N/A Revised N/A Edition N/A Copyright 1994 Levelled N/A</p>	<p>Surveyed N/A Revised N/A Edition N/A Copyright 1994 Levelled N/A</p>
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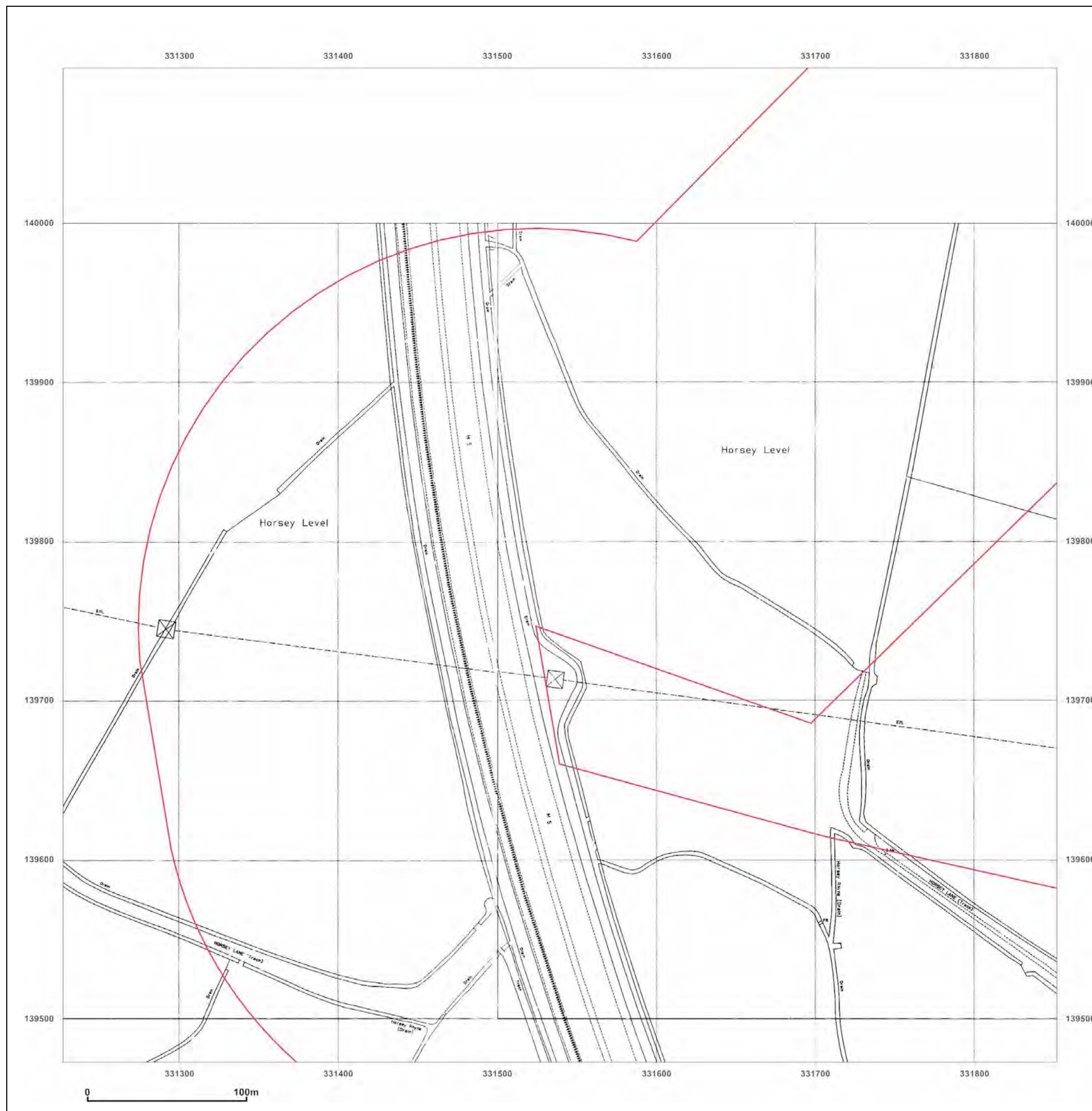


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_A5
Grid Ref: 331539, 139785

Map Name: National Grid

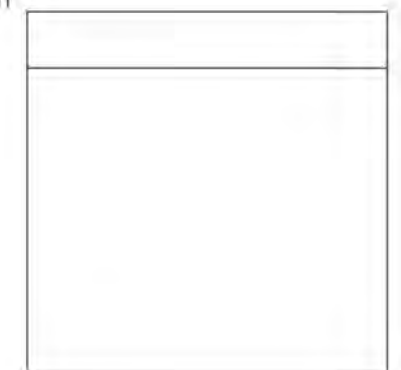
Map date: 1975

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1975
 Revised 1975
 Edition N/A
 Copyright 1976
 Levelled 1981

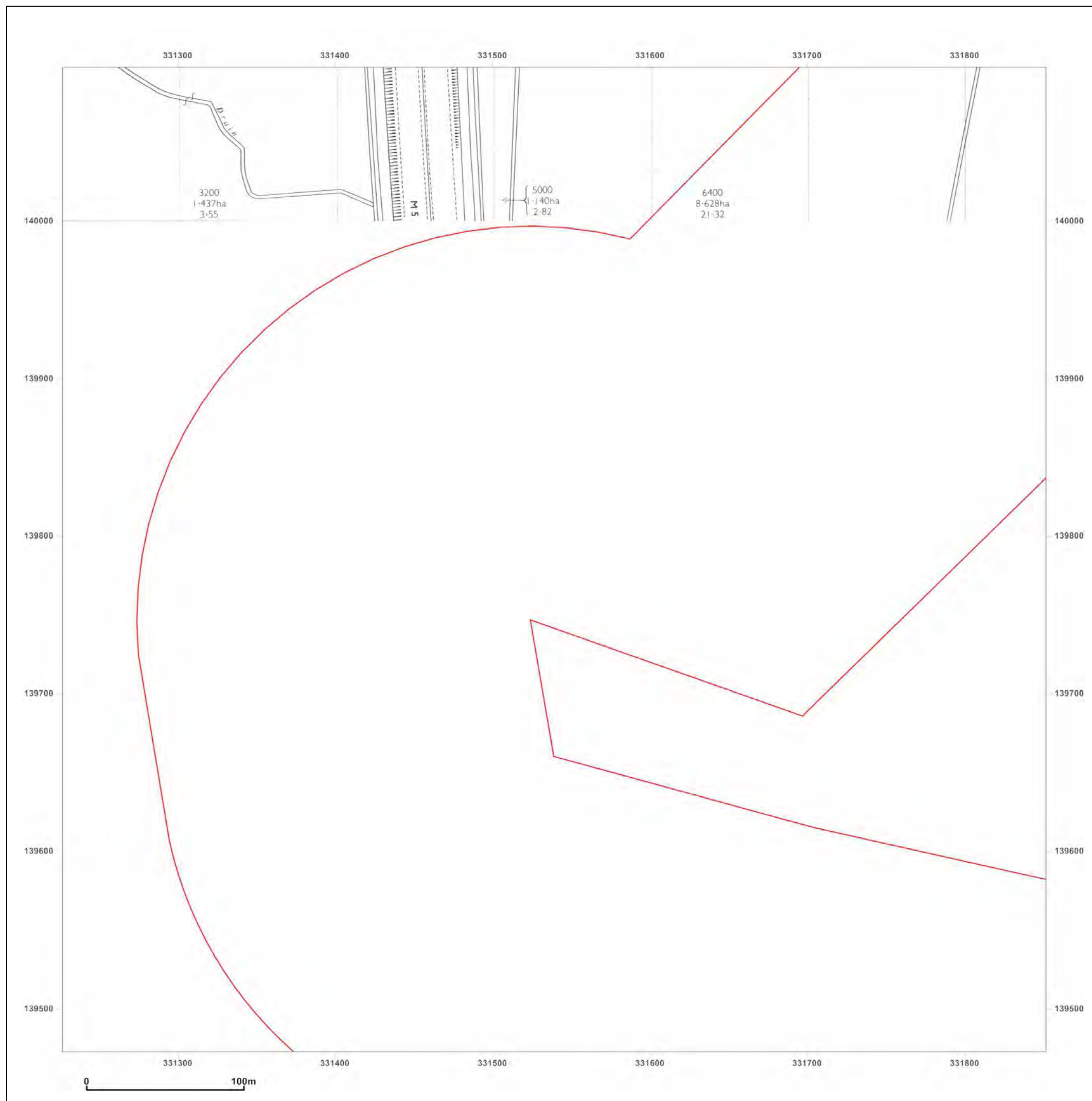


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_A5
Grid Ref: 331539, 139785

Map Name: National Grid

Map date: 1968

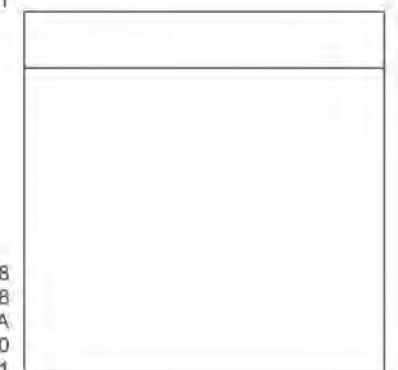
Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1970
 Levelled 1961

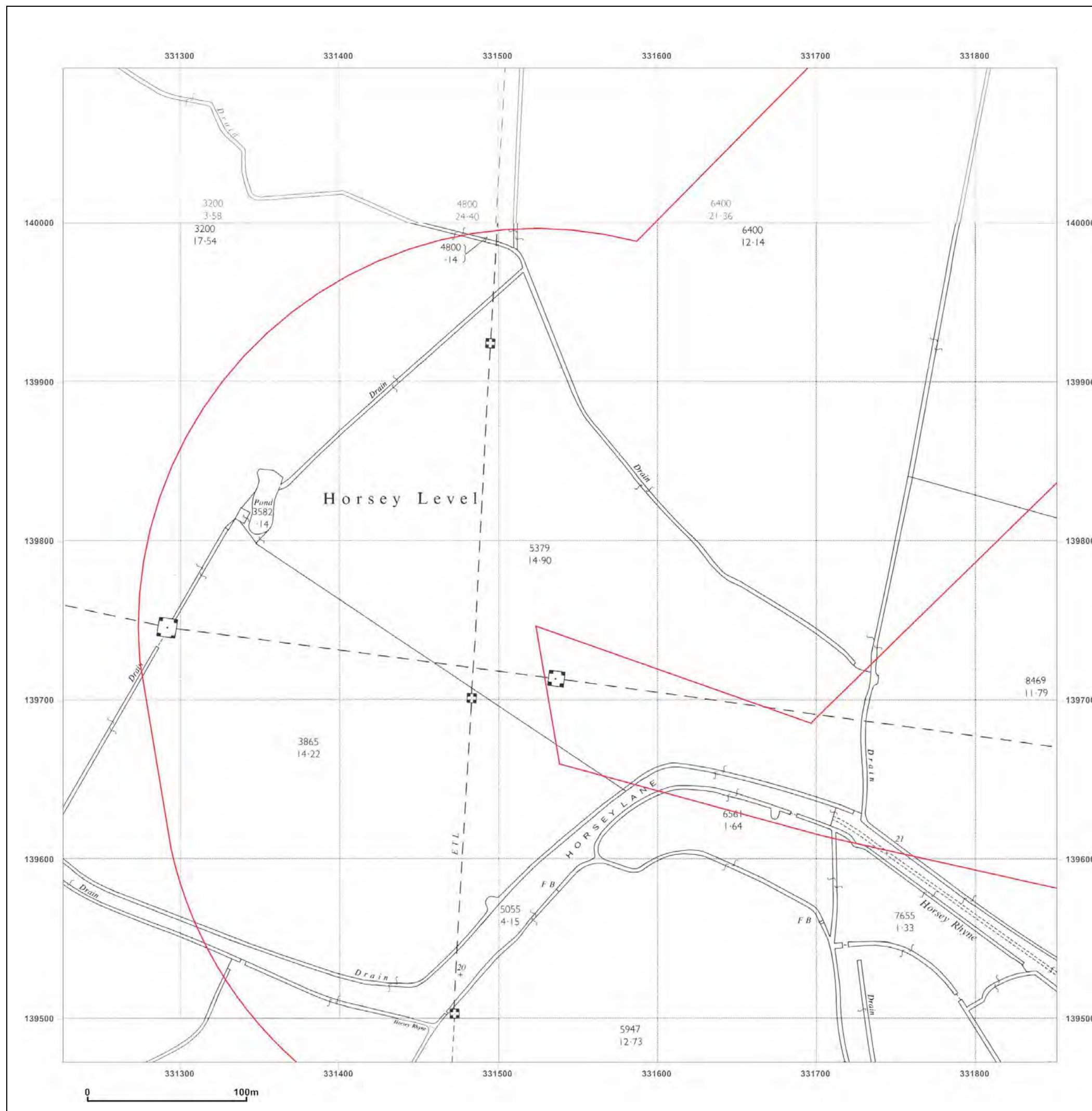


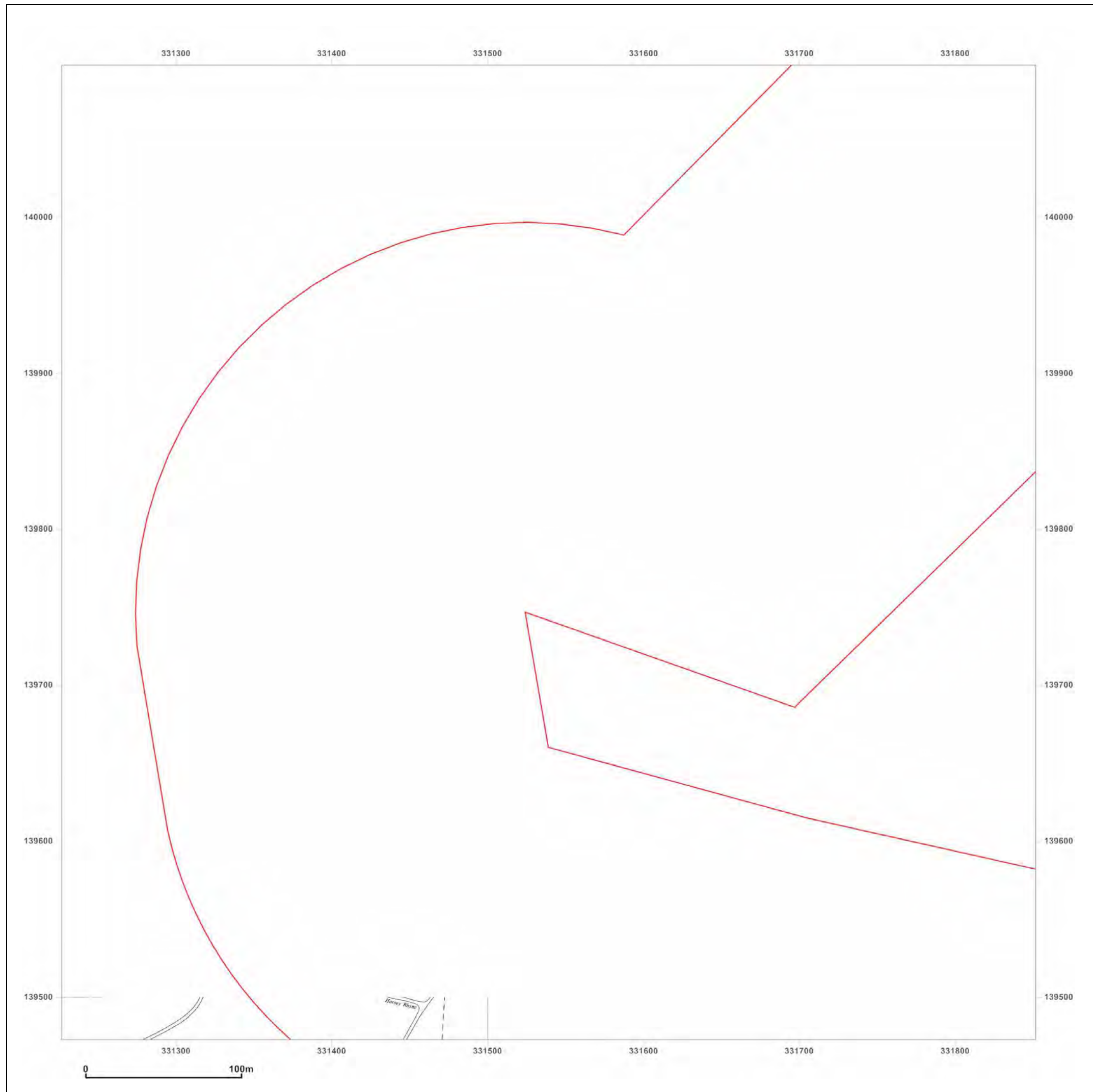
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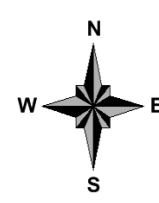


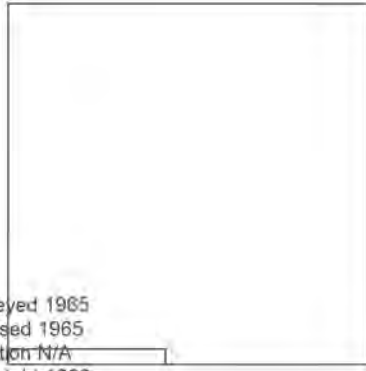


Site Details:
Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_A5
Grid Ref: 331539, 139785

Map Name: National Grid
Map date: 1966
Scale: 1:1,250
Printed at: 1:2,500





Surveyed 1965
Revised 1965
Edition N/A
Copyright 1966
Levelled 1961

Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_A5
Grid Ref: 331539, 139785

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

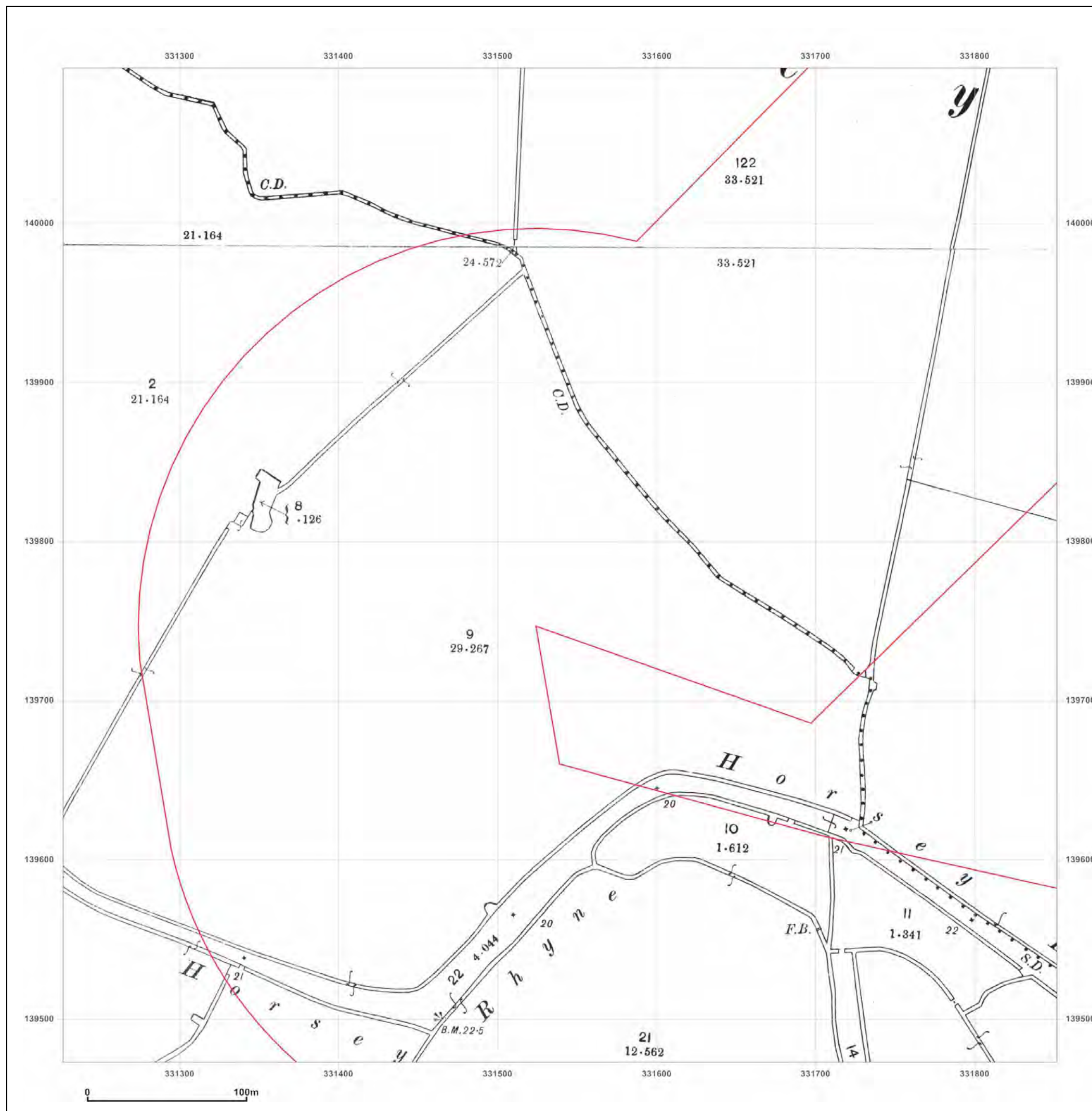


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_A5
Grid Ref: 331539, 139785

Map Name: County Series

Map date: 1889

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1889
 Revised 1889
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1889
 Revised 1889
 Edition N/A
 Copyright N/A
 Levelled N/A

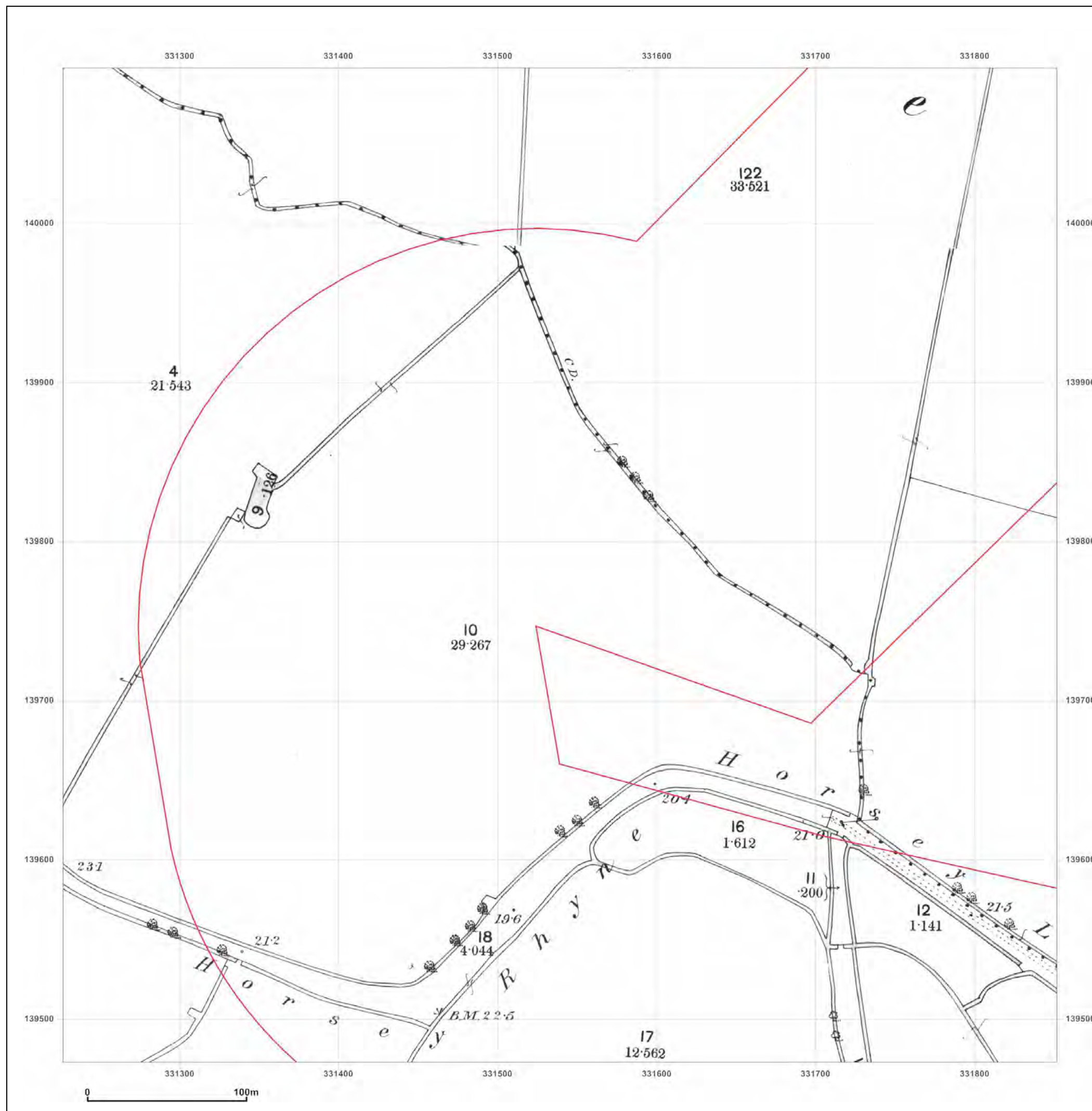


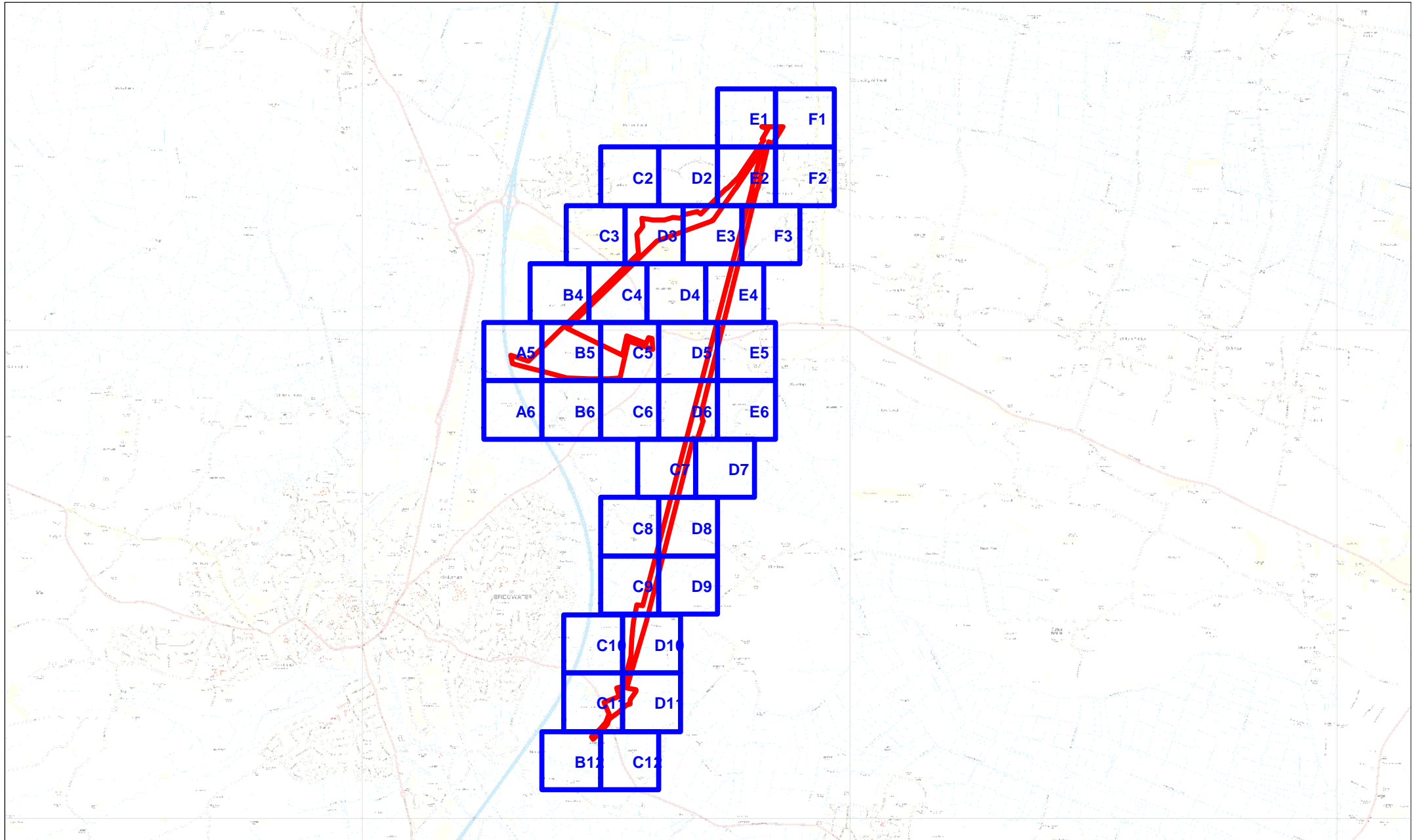
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Production date: 21 May 2013

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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F3
Grid Ref: 334189, 140985

Map Name: National Grid

Map date: 1995

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A

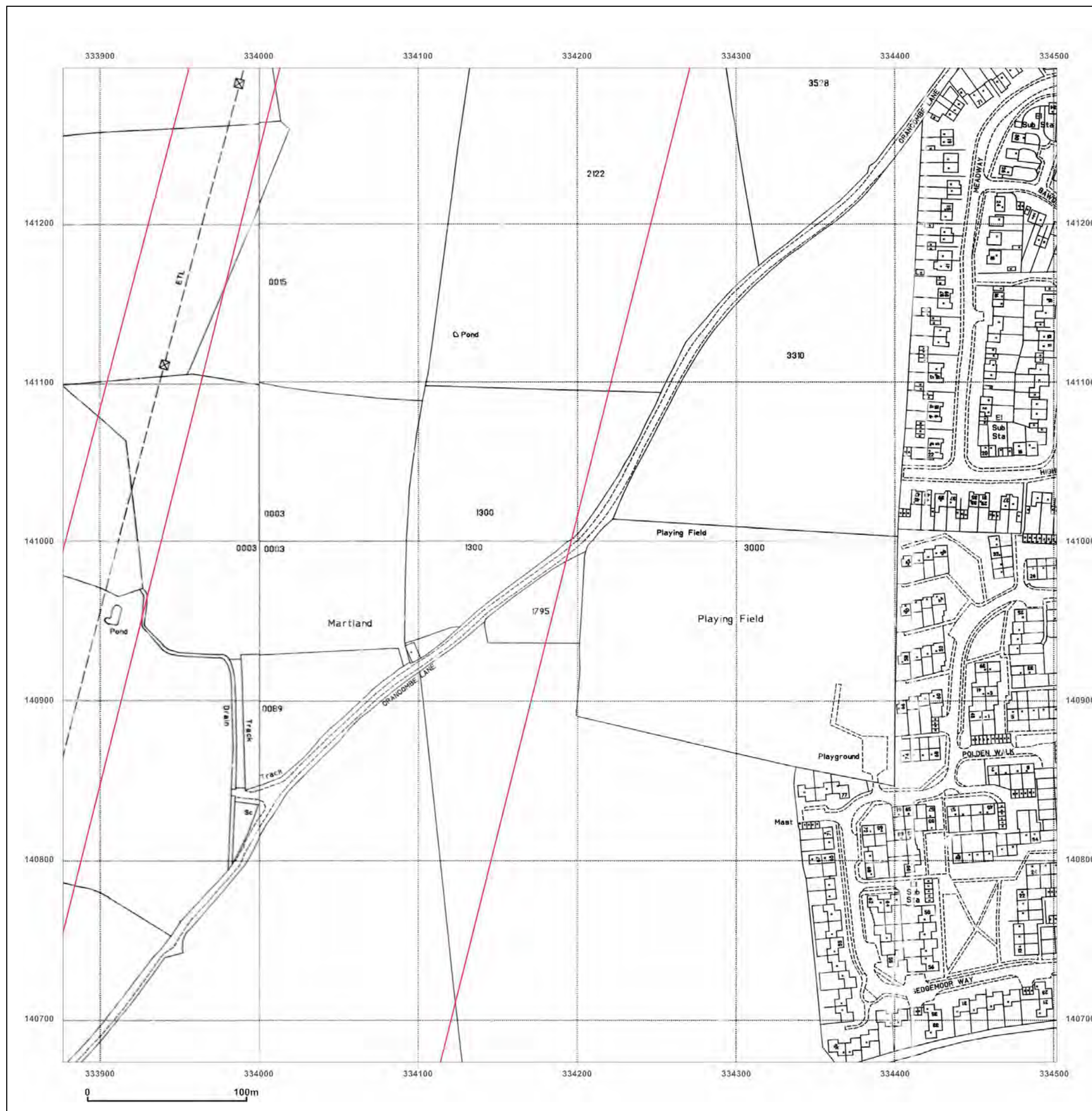


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F3
Grid Ref: 334189, 140985

Map Name: National Grid

Map date: 1987-1990

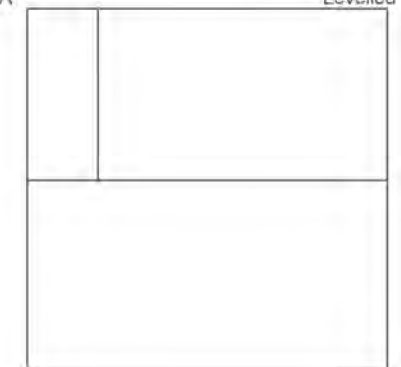
Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1990
 Revised 1990
 Edition N/A
 Copyright 1991
 Levelled N/A

Surveyed 1961
 Revised 1987
 Edition N/A
 Copyright 1987
 Levelled 1961

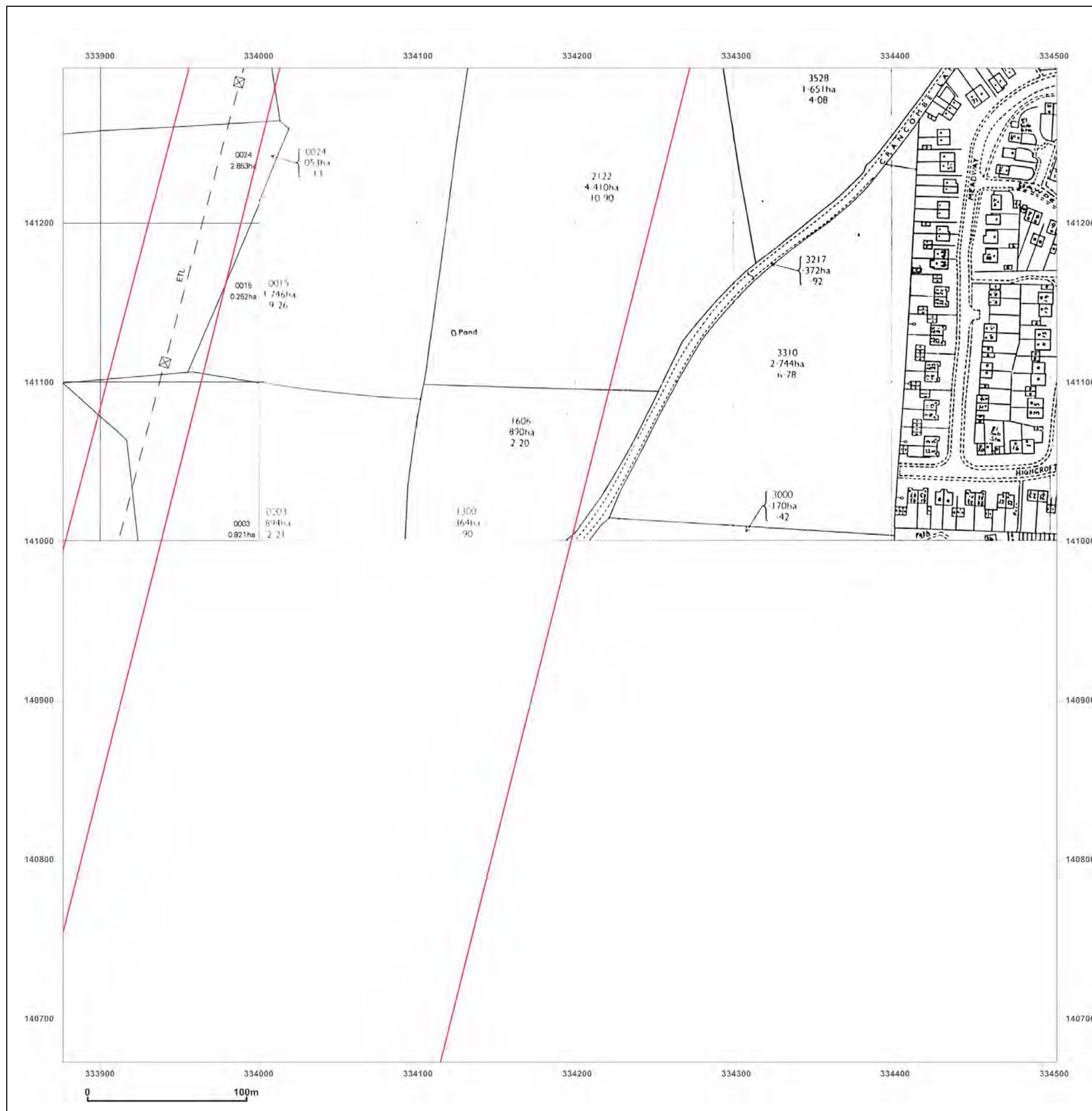


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Production date: 21 May 2013

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Site Details:
Hinkley Project

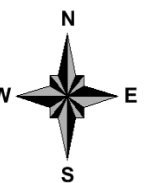
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F3
Grid Ref: 334189, 140985

Map Name: National Grid

Map date: 1987-1989

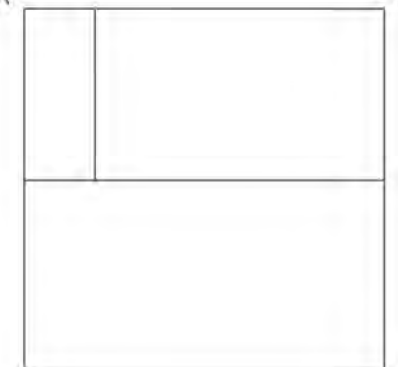
Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1989
Revised 1989
Edition N/A
Copyright 1989
Levelled N/A

Surveyed 1987
Revised 1987
Edition N/A
Copyright 1988
Levelled 1981

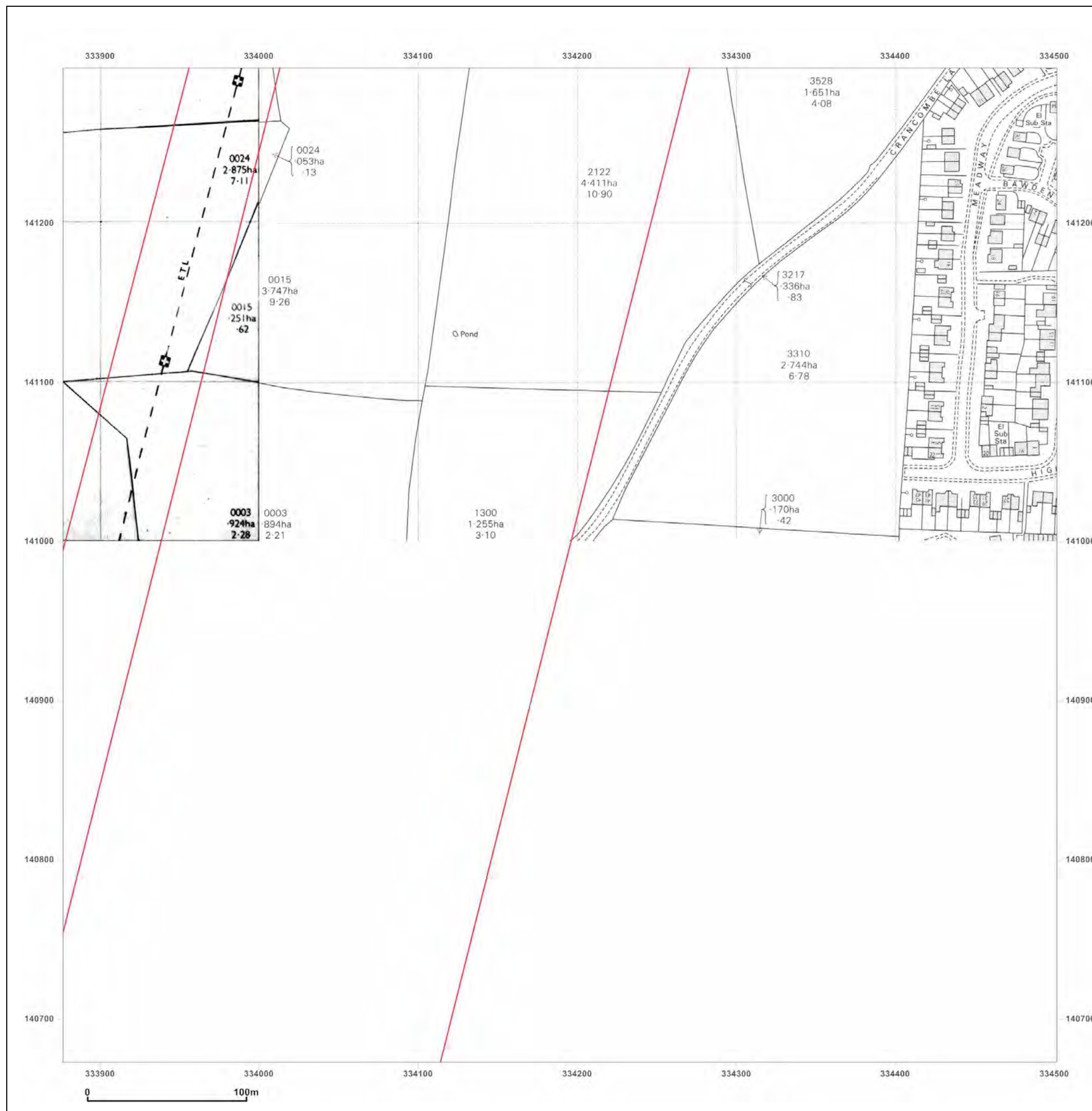


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F3
Grid Ref: 334189, 140985

Map Name: National Grid

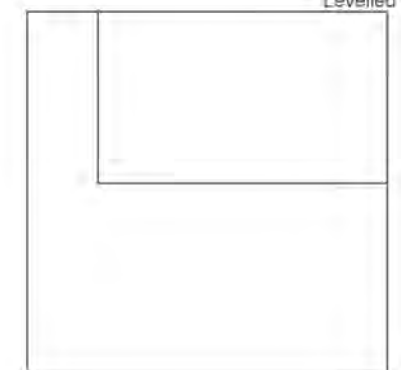
Map date: 1985

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1985
 Levelled 1981

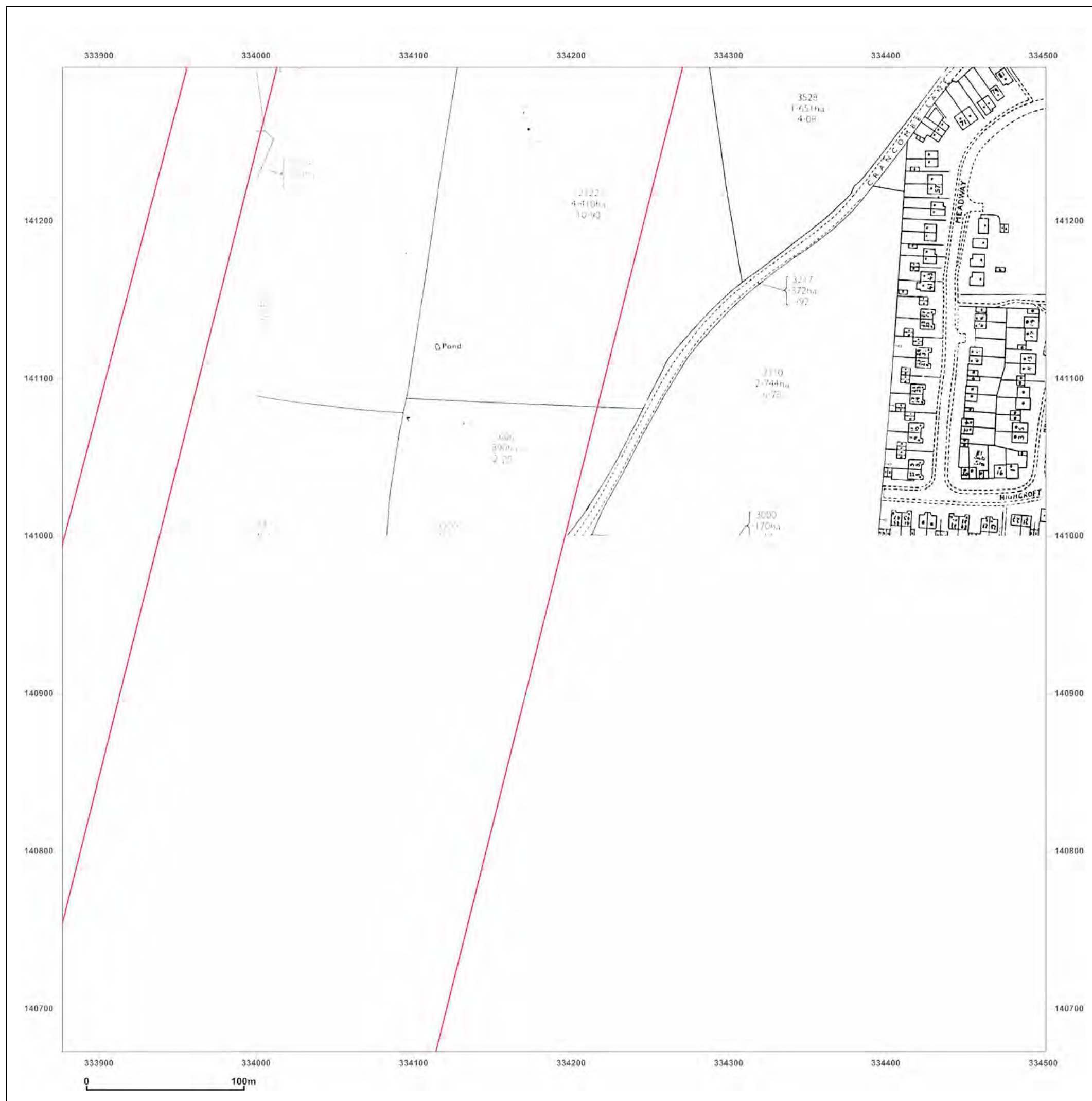


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Site Details:

Hinkley Project

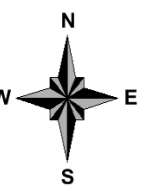
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F3
Grid Ref: 334189, 140985

Map Name: National Grid

Map date: 1977

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1977
 Revised 1977
 Edition N/A
 Copyright 1978
 Levelled 1961

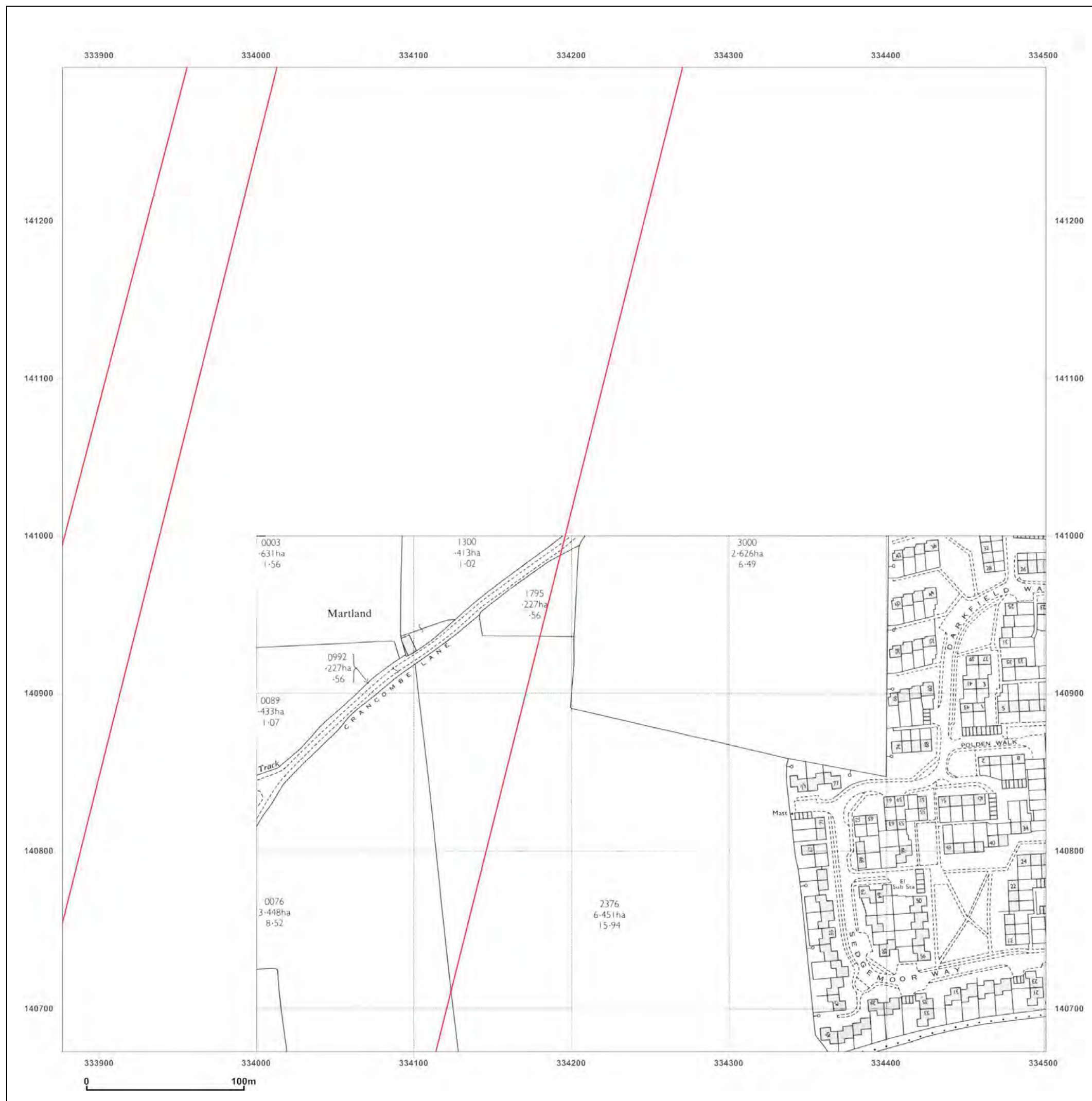


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F3
Grid Ref: 334189, 140985

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

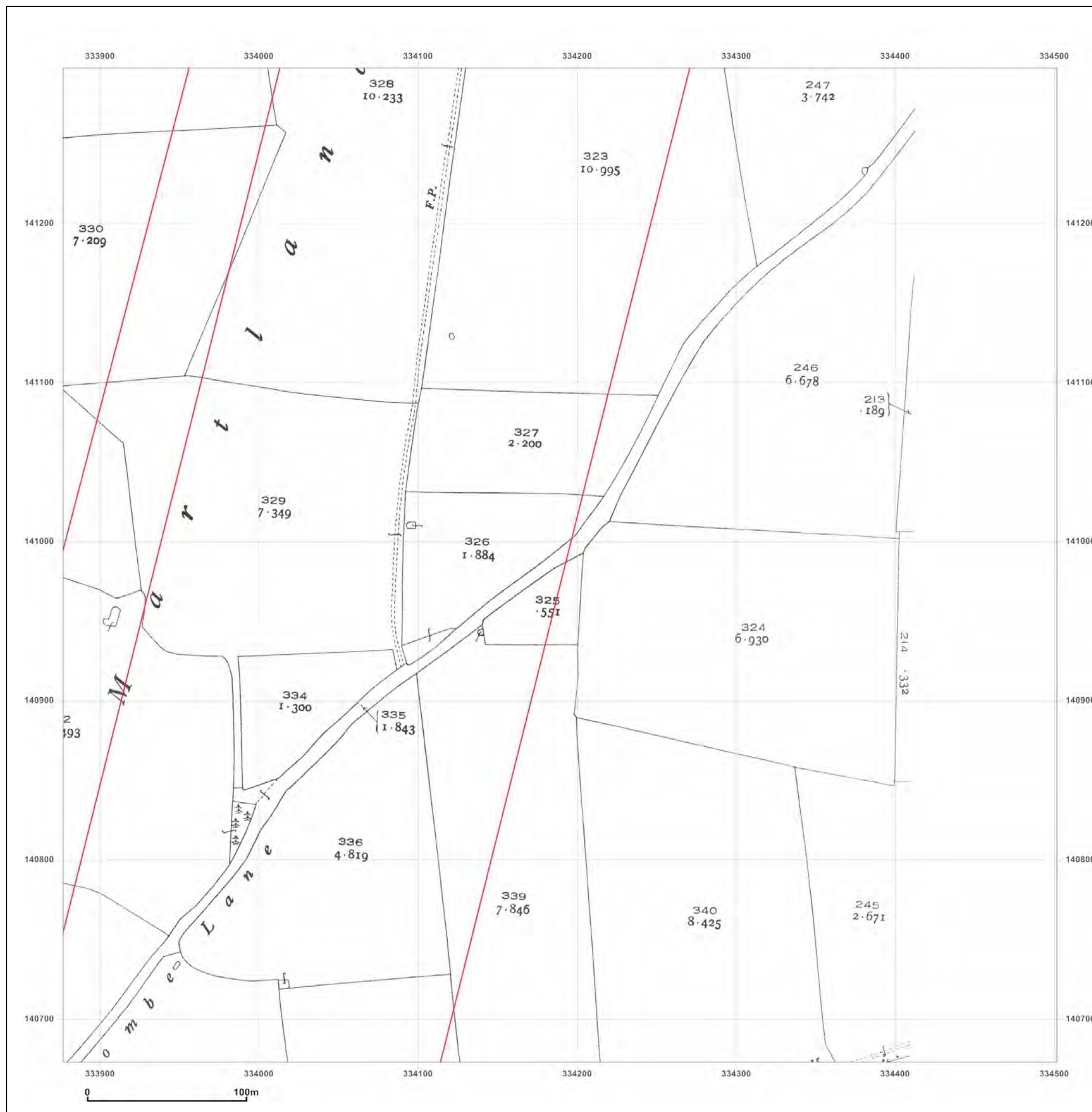


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F3
Grid Ref: 334189, 140985

Map Name: County Series

Map date: 1886-1888

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1886
 Revised 1886
 Edition N/A
 Copyright N/A
 Levelled N/A

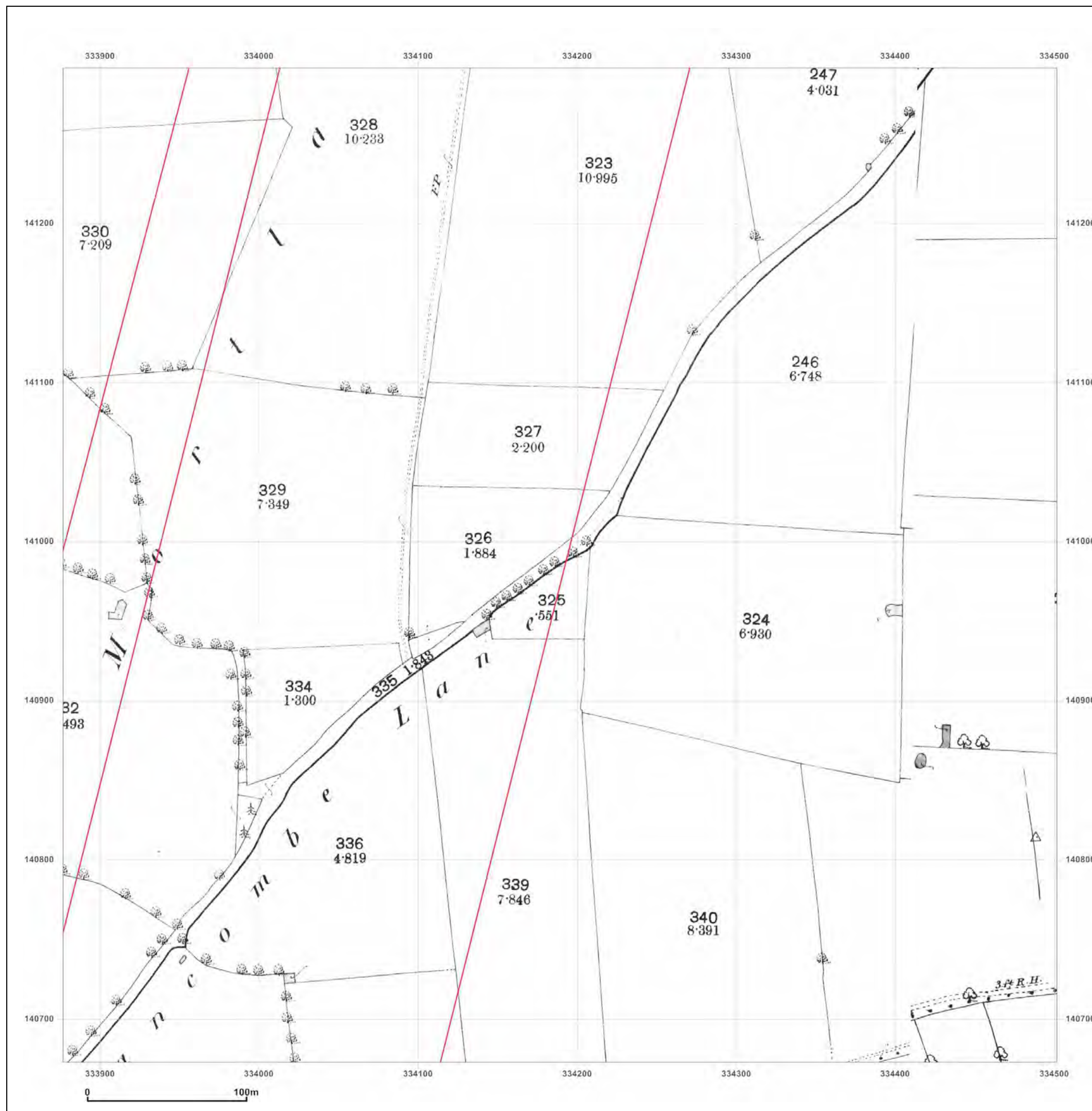


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F2
Grid Ref: 334541, 141585

Map Name: National Grid

Map date: 1995

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F2
Grid Ref: 334541, 141585

Map Name: National Grid

Map date: 1987

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1987
 Revised 1987
 Edition N/A
 Copyright 1988
 Levelled 1981



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F2
Grid Ref: 334541, 141585

Map Name: National Grid

Map date: 1987

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1961
 Revised 1987
 Edition N/A
 Copyright 1987
 Levelled 1961

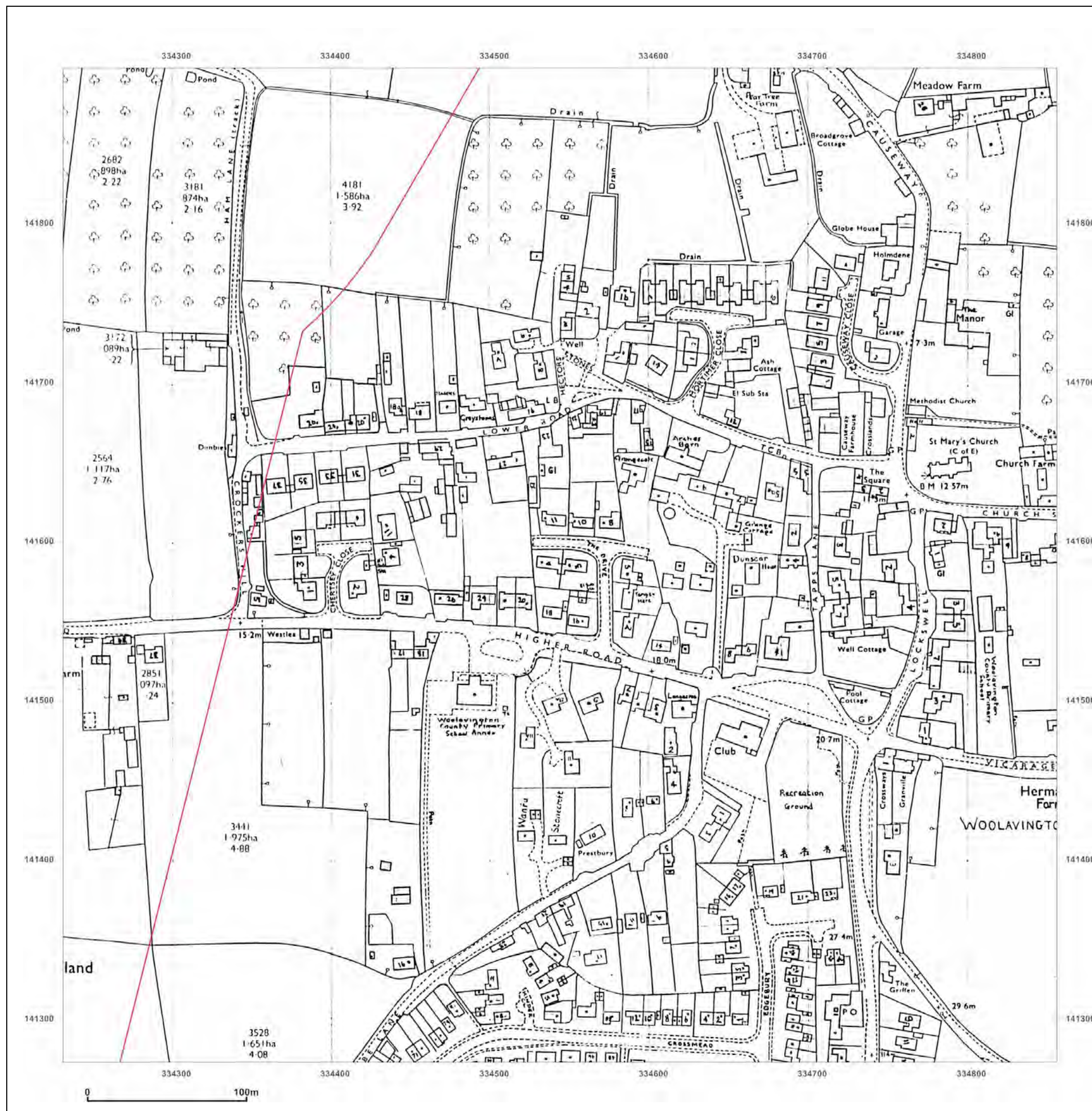


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F2
Grid Ref: 334541, 141585

Map Name: National Grid

Map date: 1985

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1985
 Levelled 1961



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F2
Grid Ref: 334541, 141585

Map Name: National Grid

Map date: 1969

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1969
 Revised 1969
 Edition N/A
 Copyright 1970
 Levelled 1981



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Site Details:

Hinkley Project

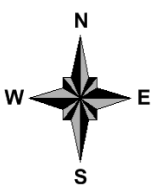
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F2
Grid Ref: 334541, 141585

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

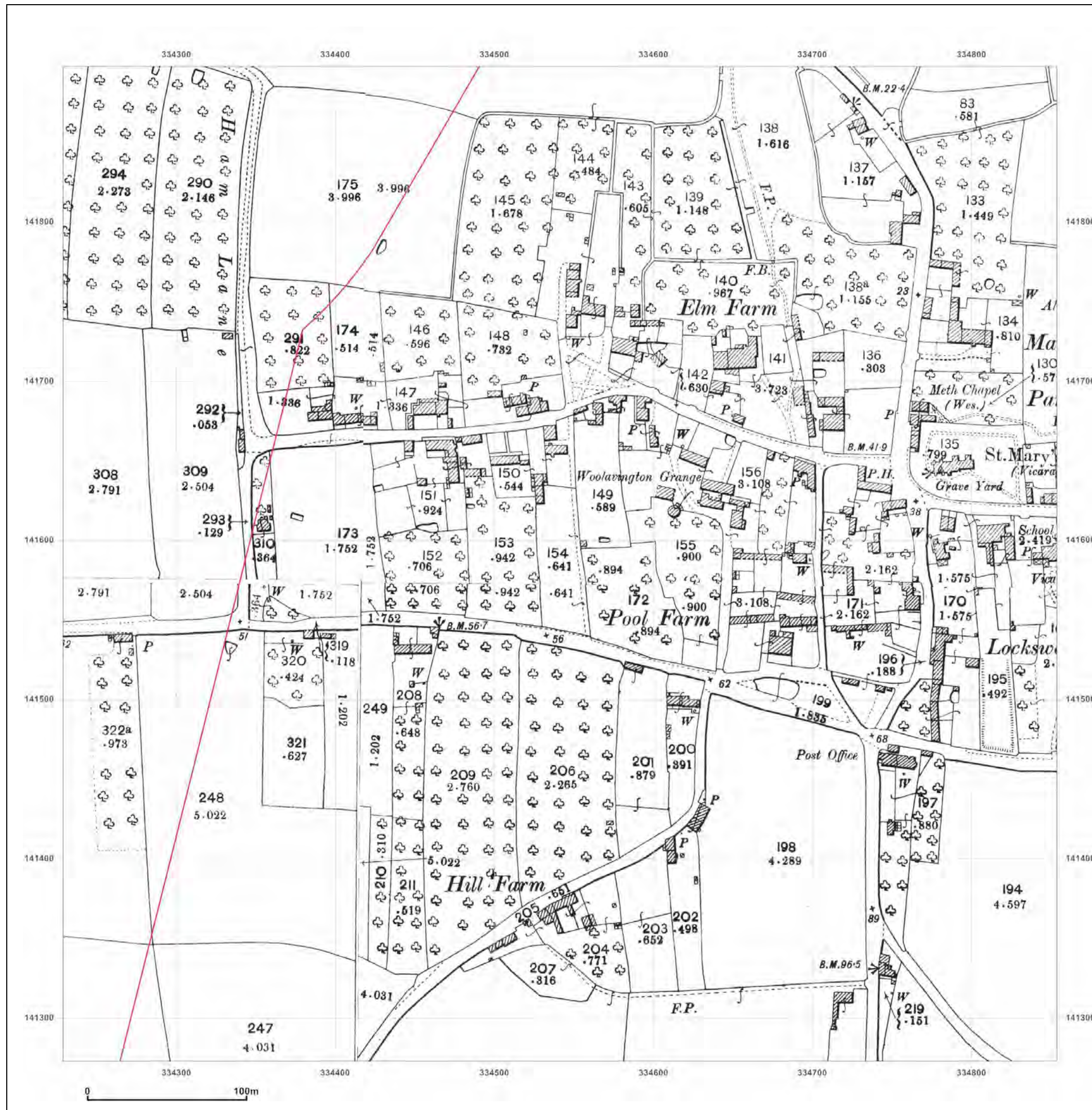


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F2
Grid Ref: 334541, 141585

Map Name: County Series

Map date: 1886-1888

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1887
 Revised 1887
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1886
 Revised 1886
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1886
 Revised 1886
 Edition N/A
 Copyright N/A
 Levelled N/A



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F1
Grid Ref: 334541, 142185

Map Name: National Grid

Map date: 1995

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A



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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F1
Grid Ref: 334541, 142185

Map Name: National Grid

Map date: 1987-1989

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1989
 Revised 1988
 Edition N/A
 Copyright 1989
 Levelled N/A

Surveyed 1987
 Revised 1987
 Edition N/A
 Copyright 1988
 Levelled 1961

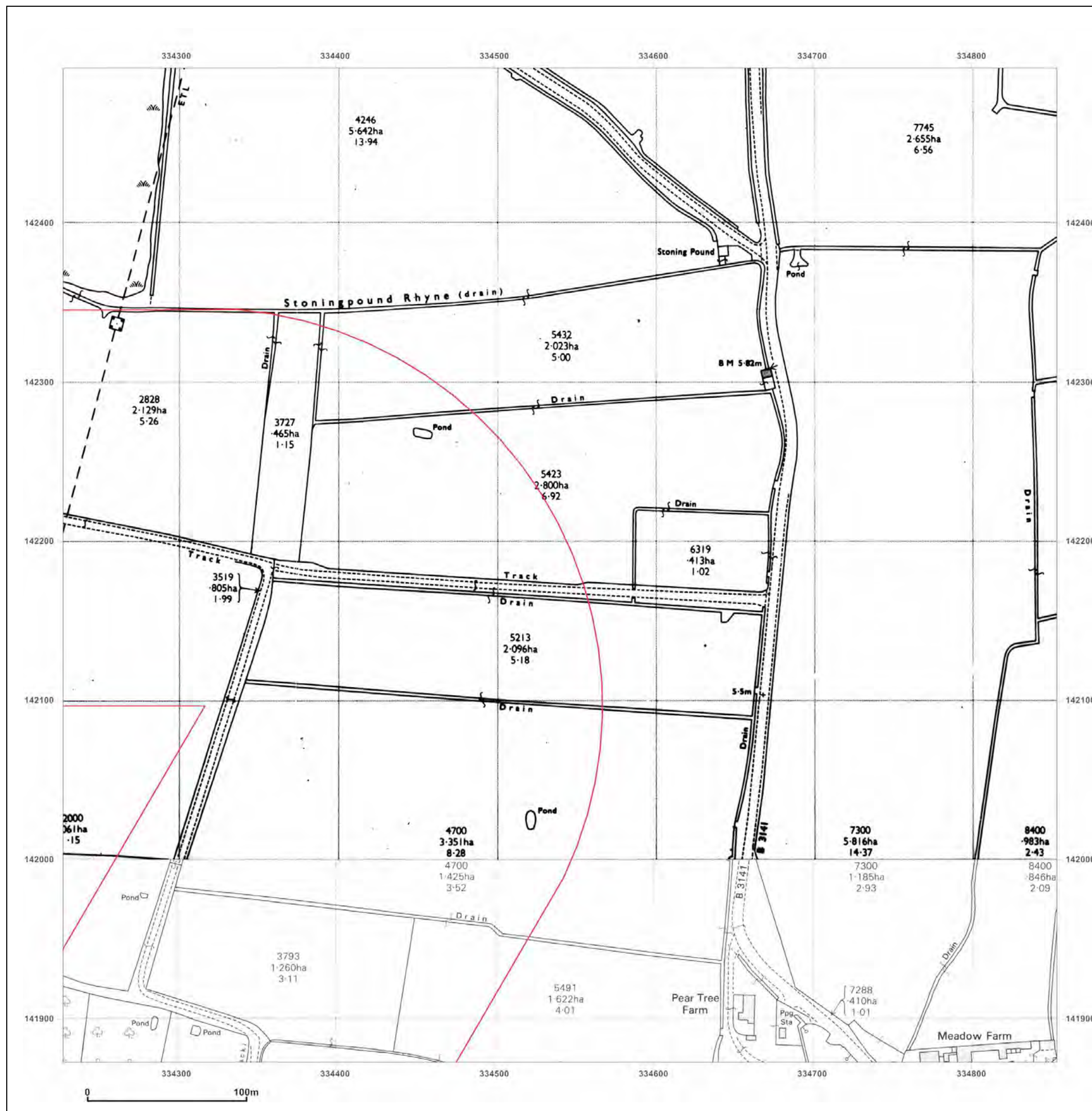


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Site Details:
Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F1
Grid Ref: 334541, 142185

Map Name: National Grid

Map date: 1987

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1961
Revised 1987
Edition N/A
Copyright 1987
Levelled 1961

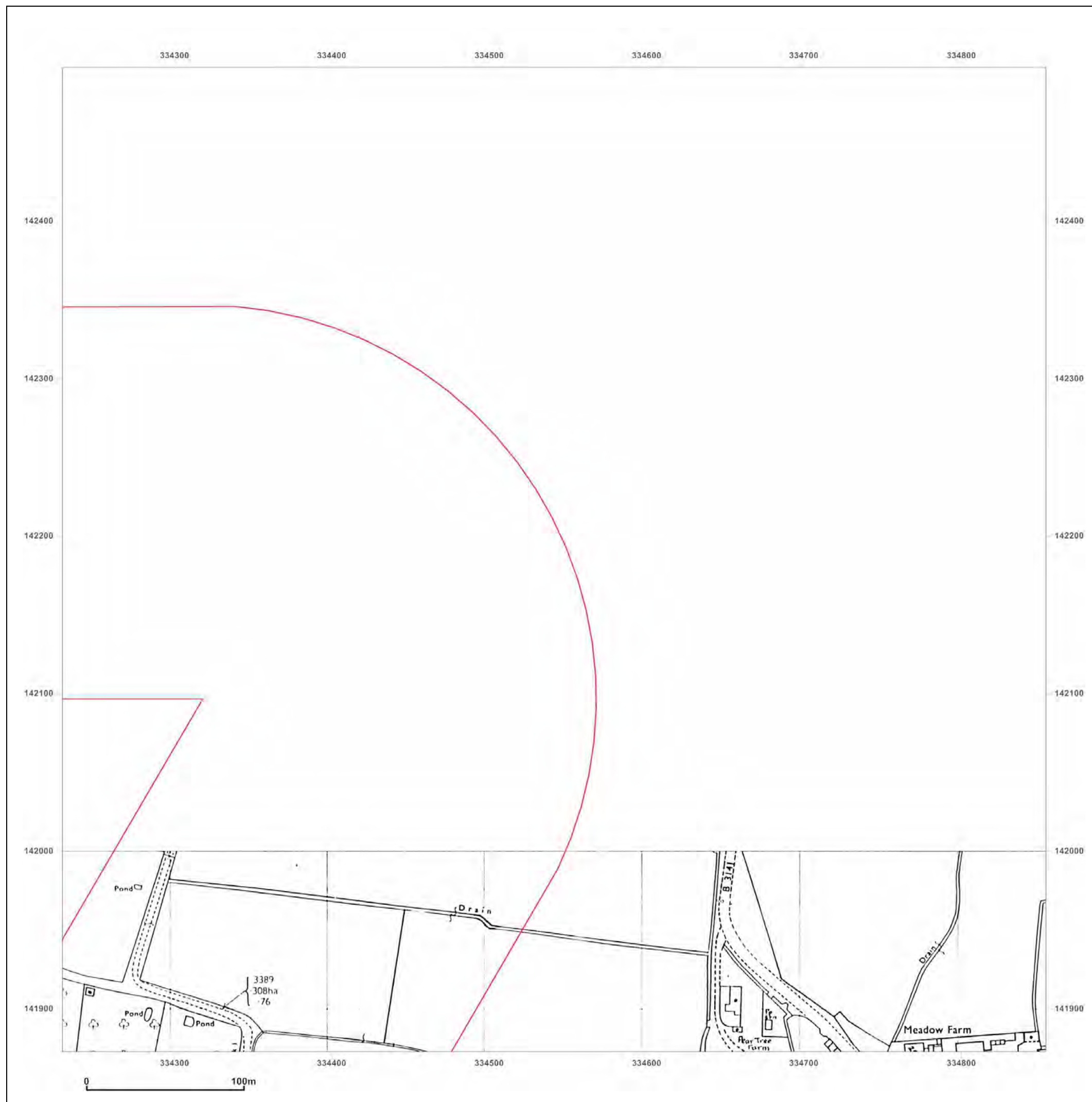


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Site Details:

Hinkley Project

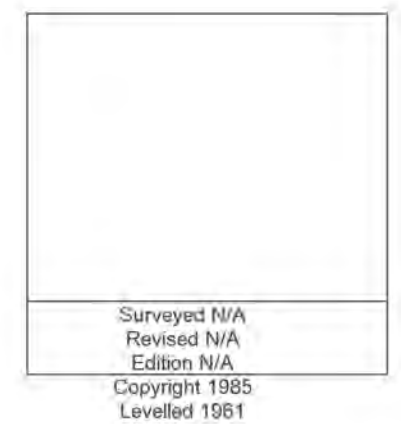
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F1
Grid Ref: 334541, 142185

Map Name: National Grid

Map date: 1985

Scale: 1:2,500

Printed at: 1:2,500

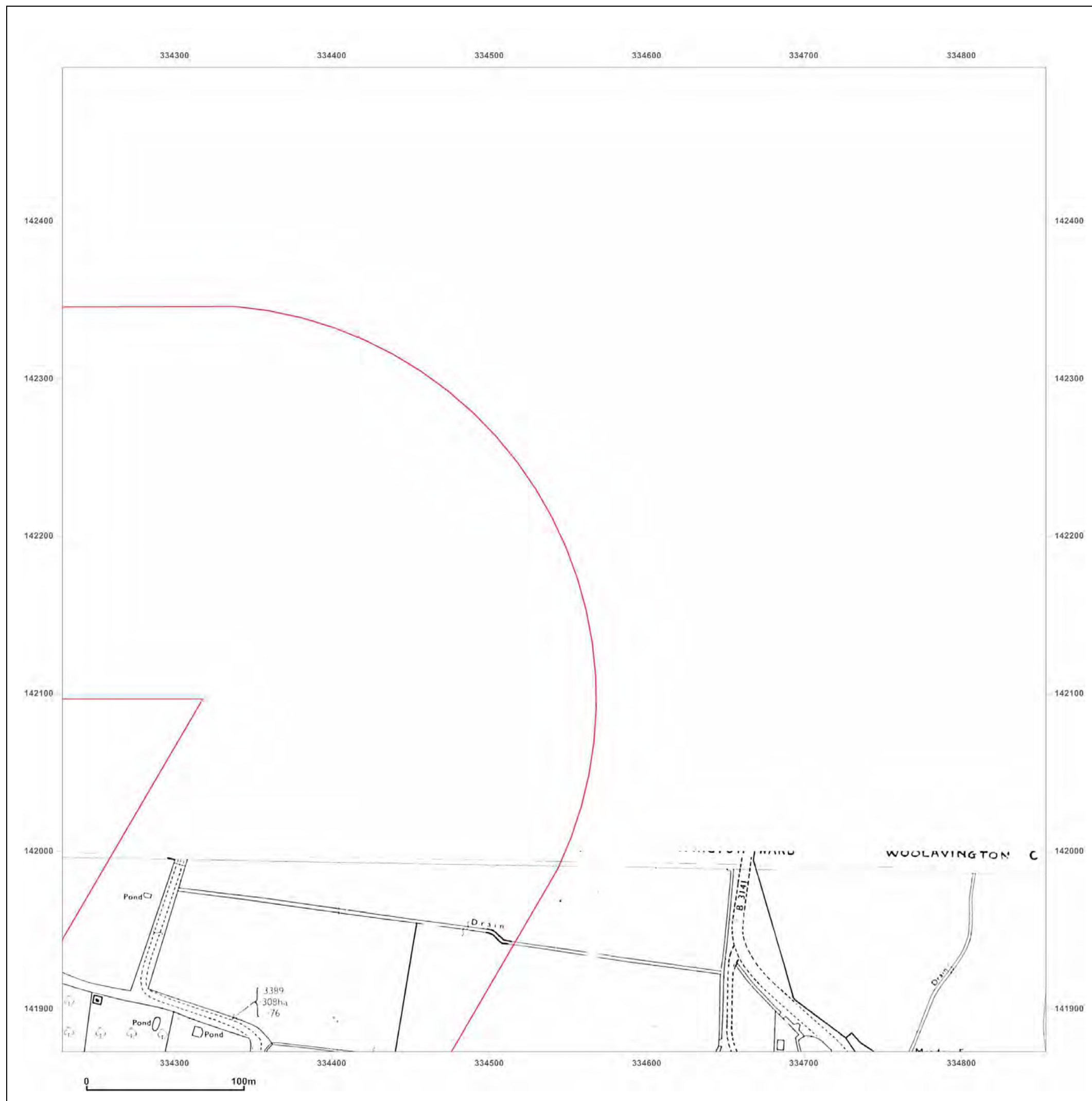


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F1
Grid Ref: 334541, 142185

Map Name: National Grid

Map date: 1969

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1969
 Revised 1969
 Edition N/A
 Copyright 1970
 Levelled 1961

Surveyed 1969
 Revised 1969
 Edition N/A
 Copyright 1970
 Levelled 1961

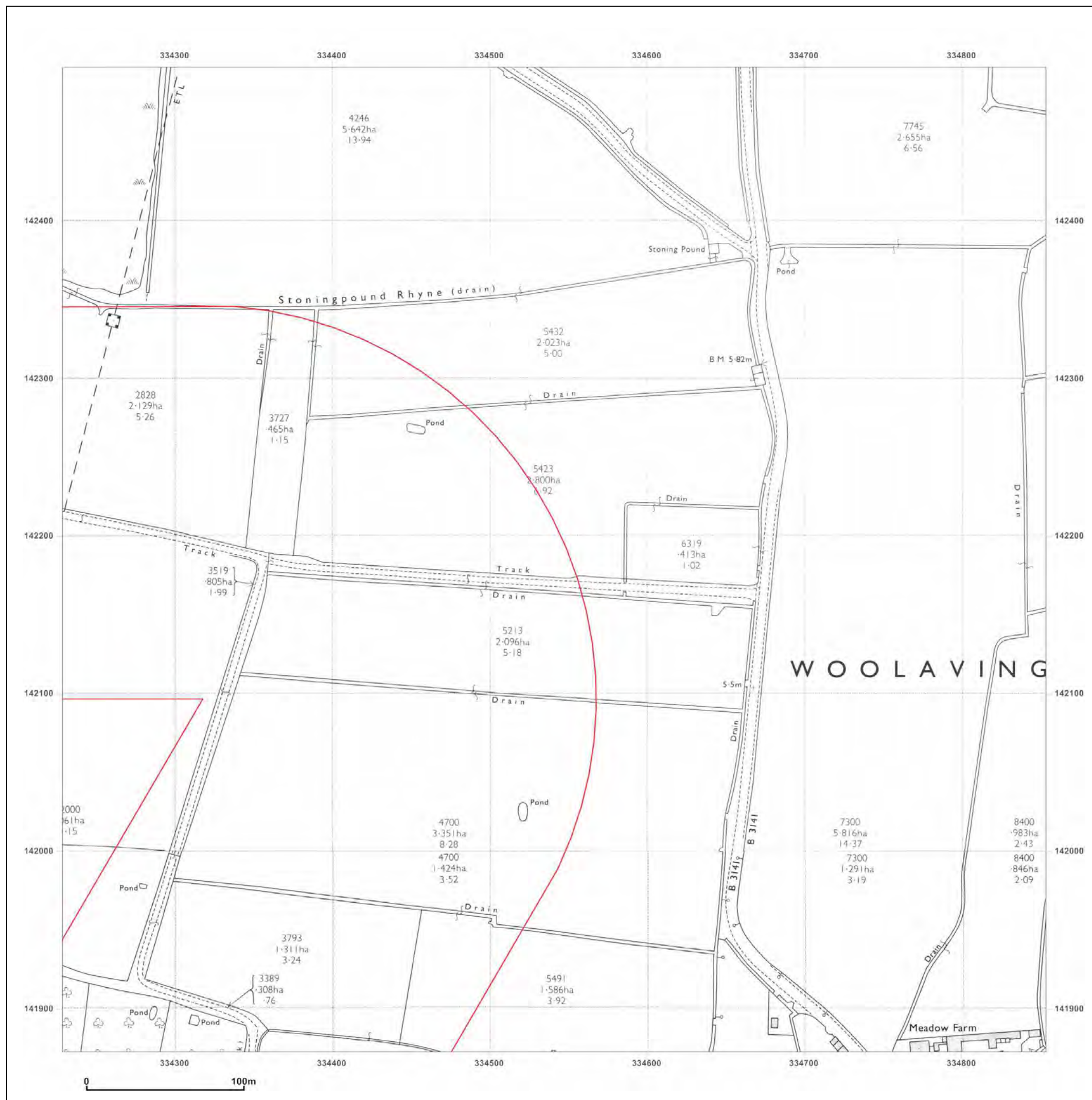


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F1
Grid Ref: 334541, 142185

Map Name: County Series

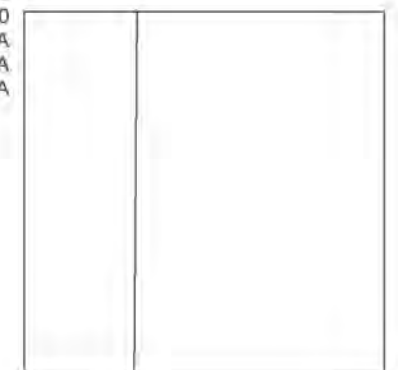
Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

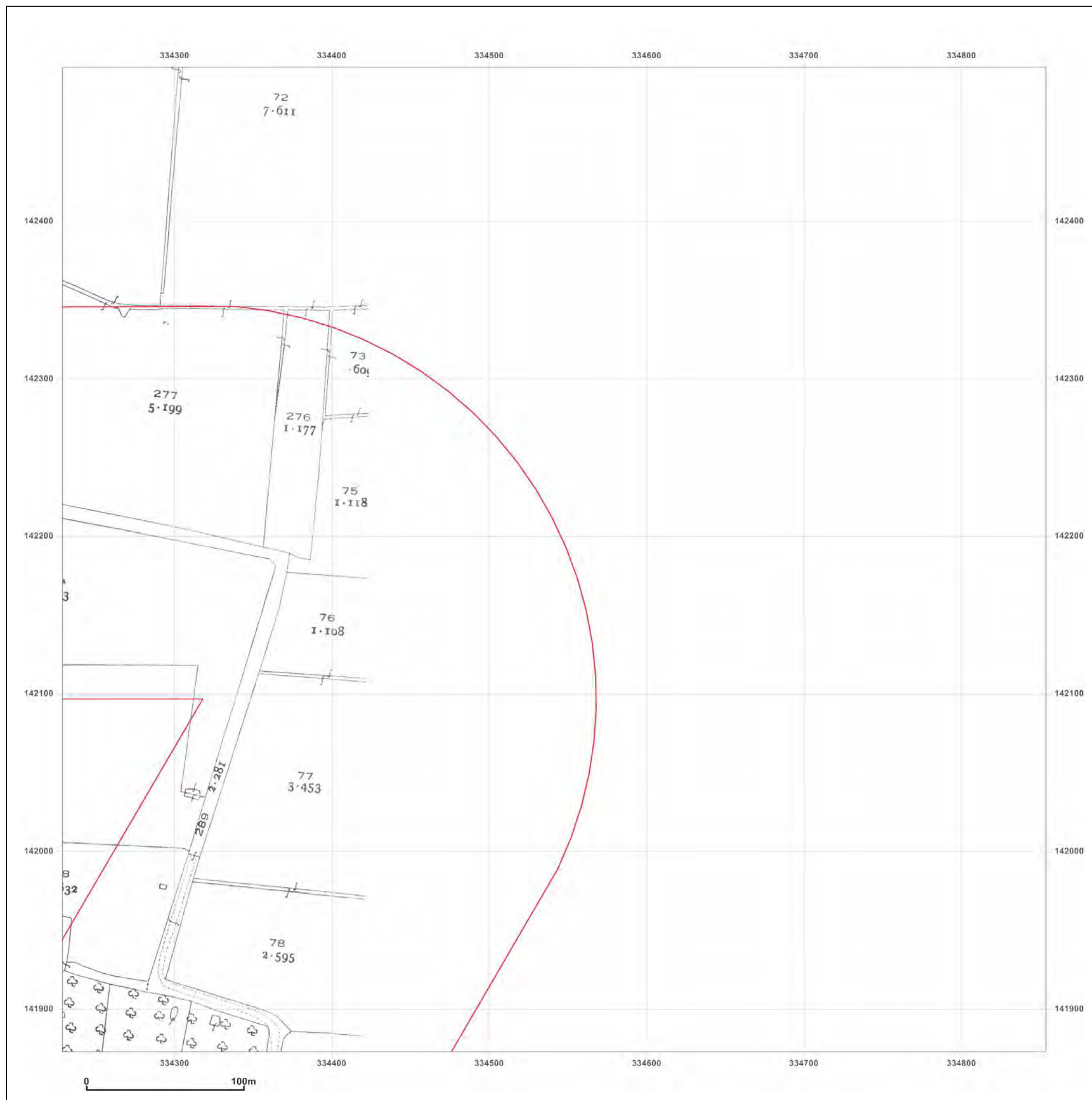


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F1
Grid Ref: 334541, 142185

Map Name: County Series

Map date: 1904

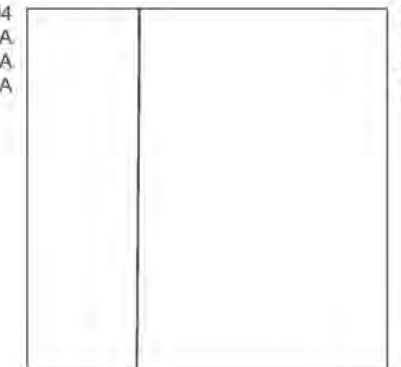
Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

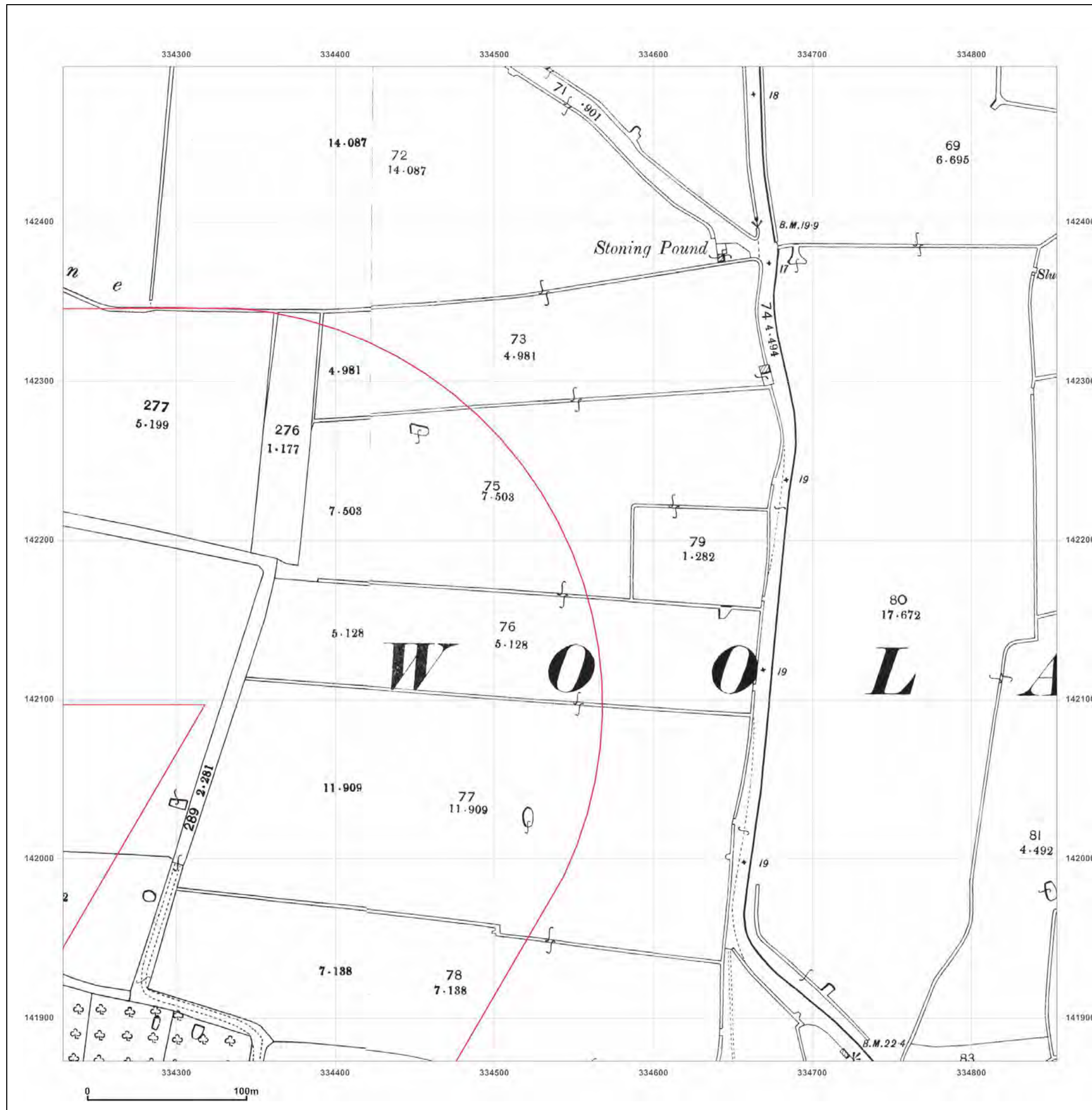


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_F1
Grid Ref: 334541, 142185

Map Name: County Series

Map date: 1886-1887

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1887
 Revised 1887
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1886
 Revised 1886
 Edition N/A
 Copyright N/A
 Levelled N/A

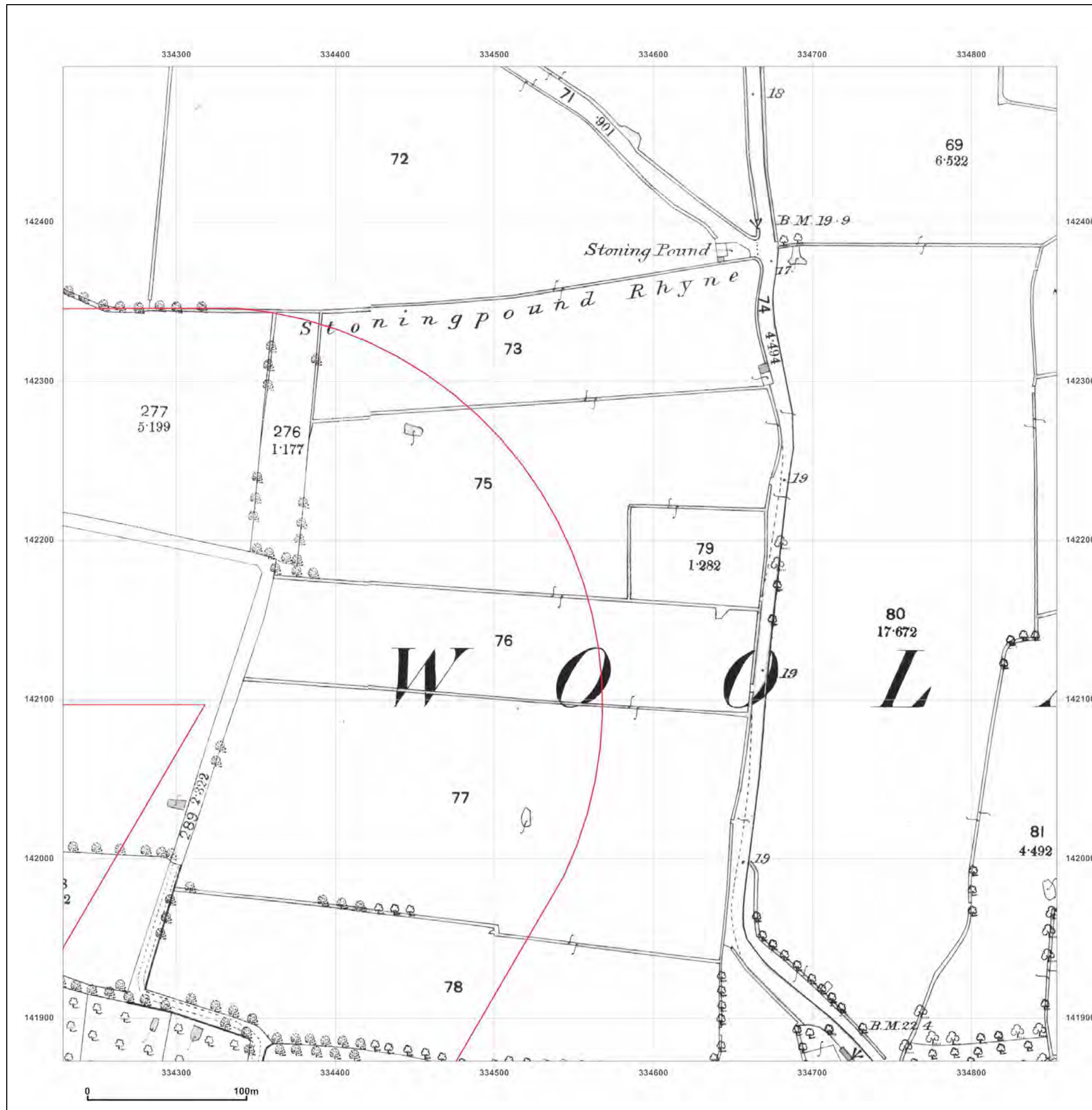


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Hinkley Project

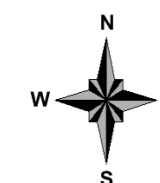
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E6
Grid Ref: 333940, 139186

Map Name: National Grid

Map date: 1994

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

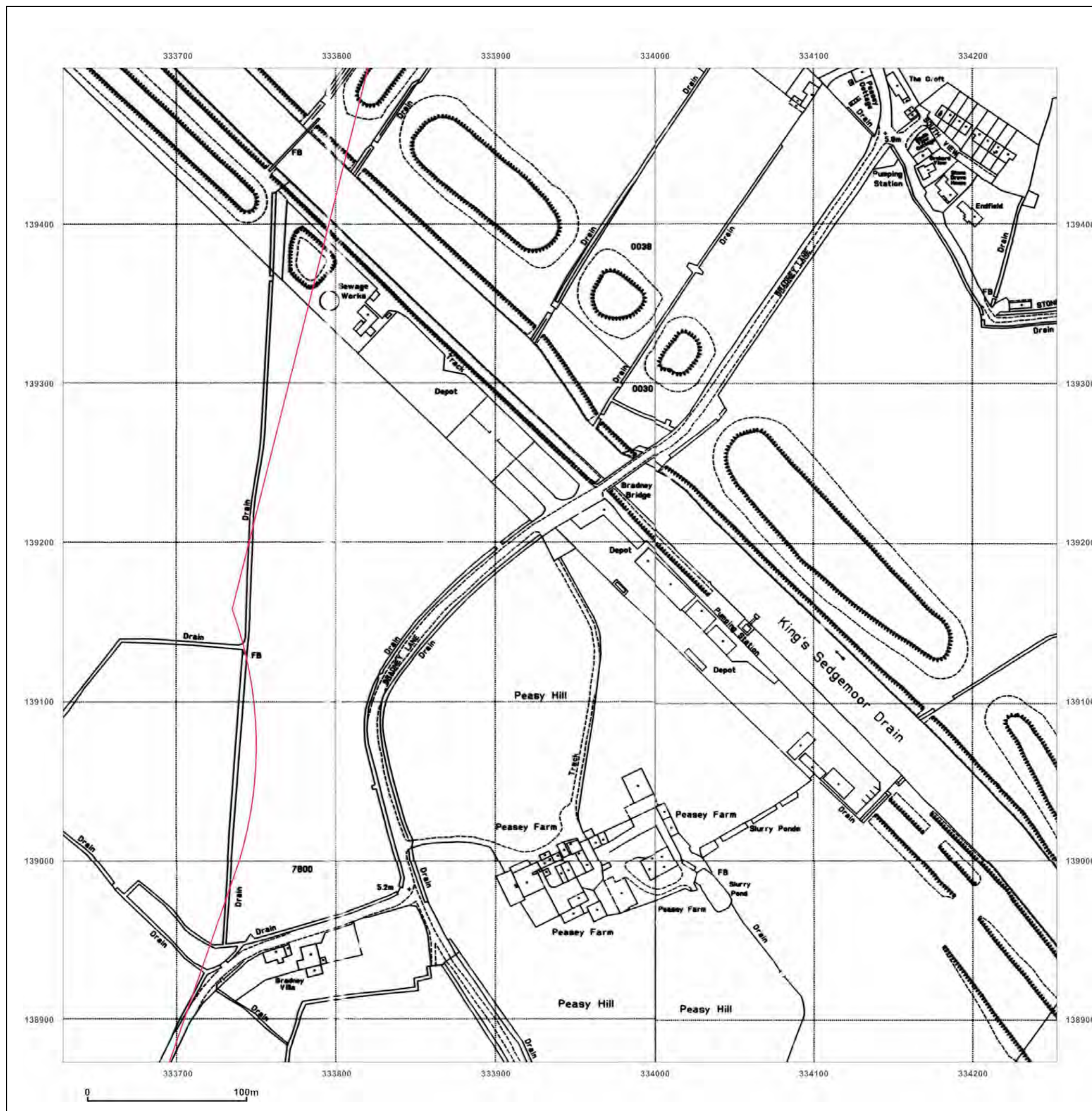


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Site Details:

Hinkley Project

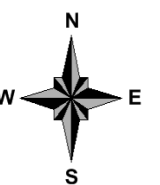
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E6
Grid Ref: 333940, 139186

Map Name: National Grid

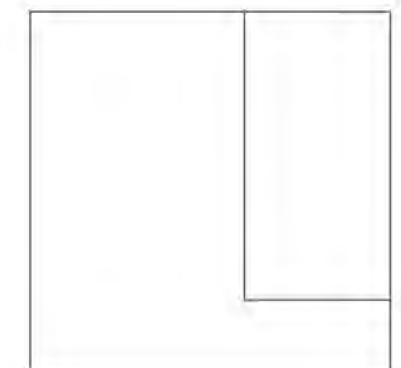
Map date: 1988

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1988
 Revised 1988
 Edition N/A
 Copyright 1988
 Levelled N/A

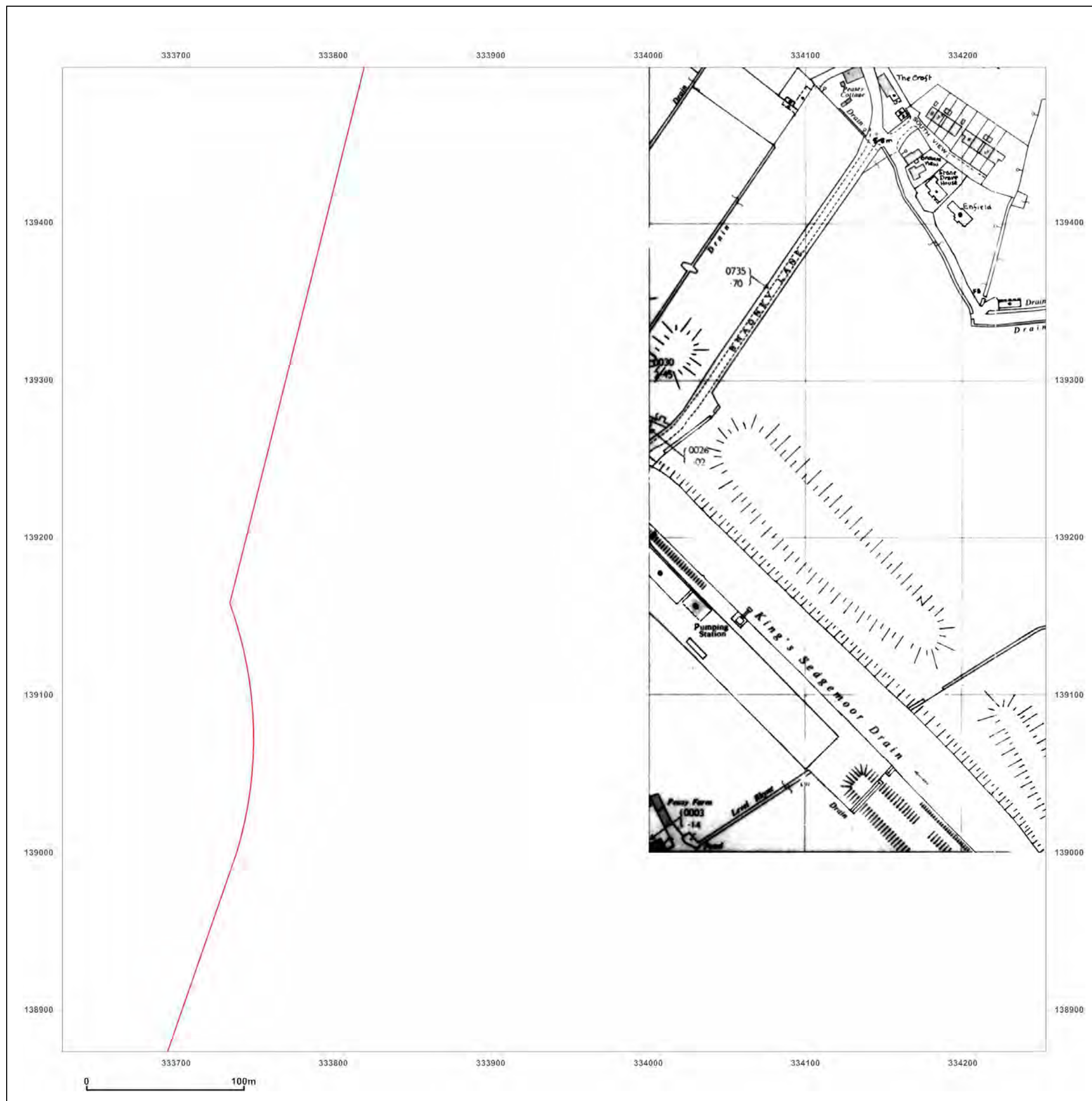


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E6
Grid Ref: 333940, 139186

Map Name: National Grid

Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

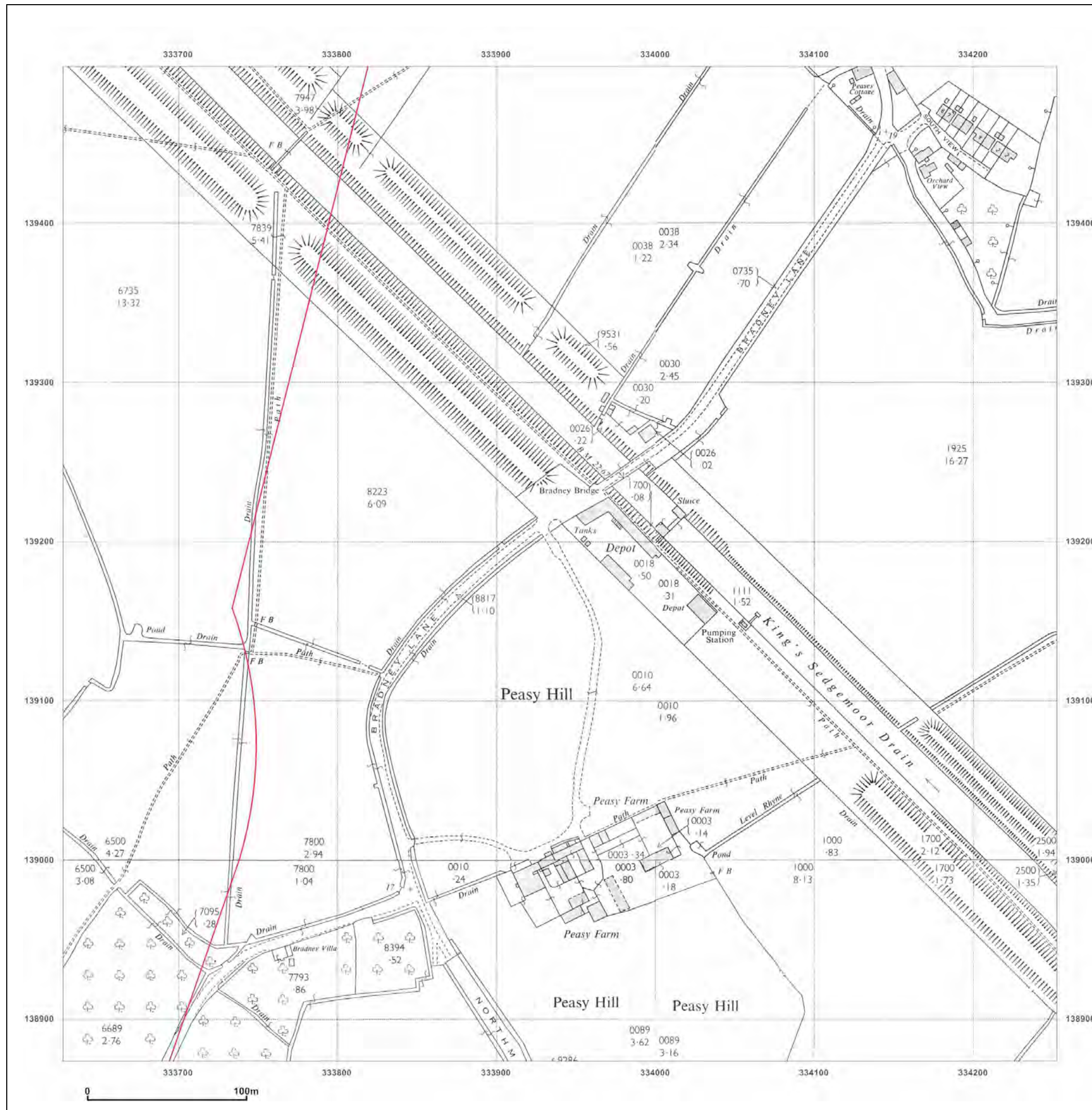


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E6
Grid Ref: 333940, 139186

Map Name: National Grid

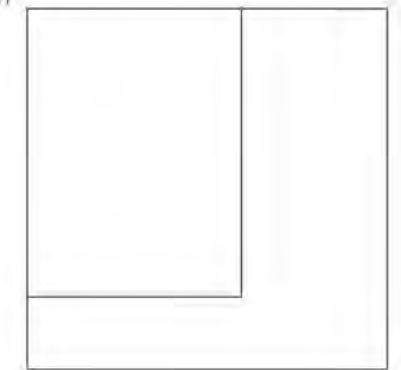
Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1961
 Revised 1968
 Edition N/A
 Copyright 1968
 Levelled 1961

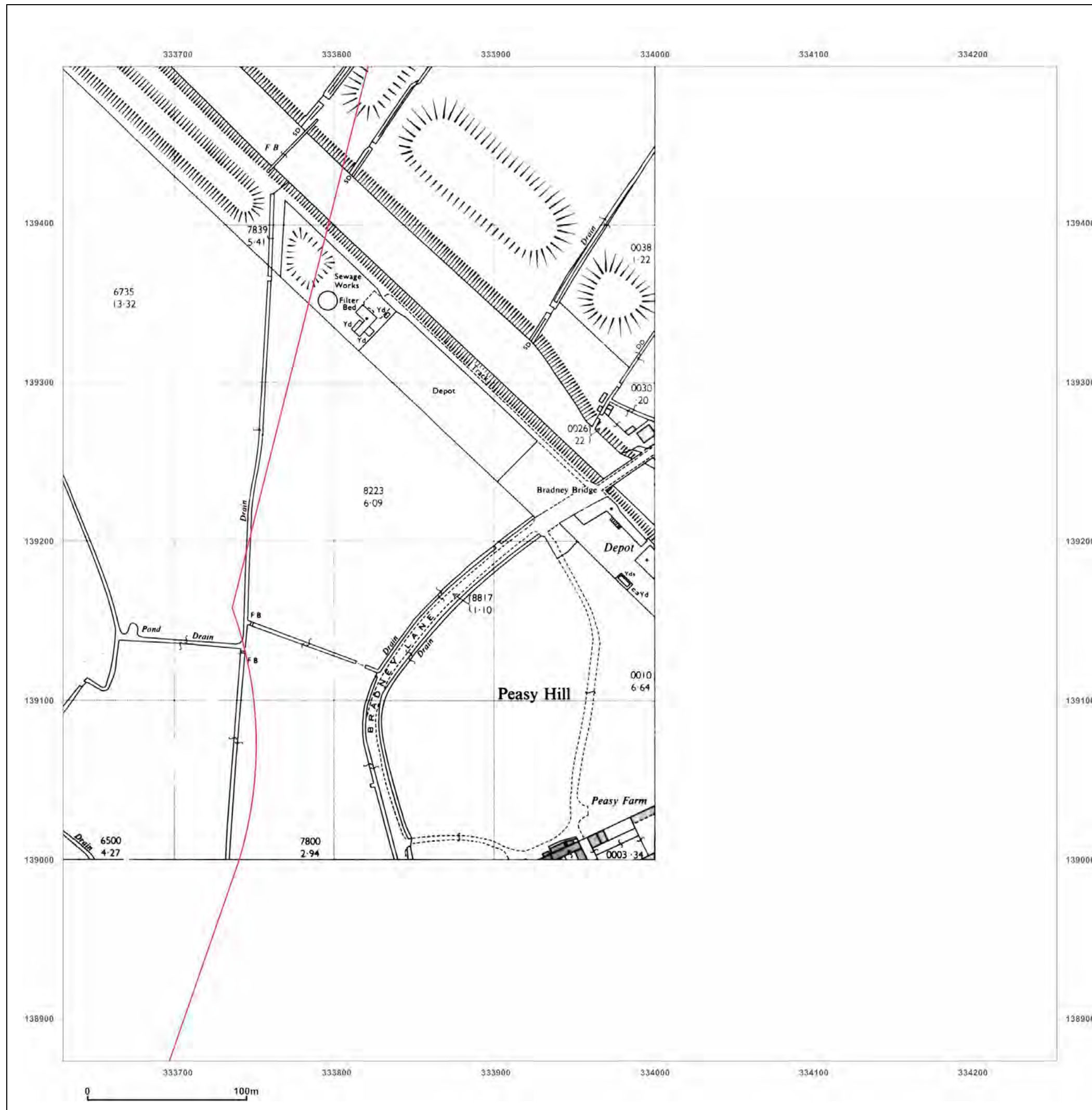


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E6
Grid Ref: 333940, 139186

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

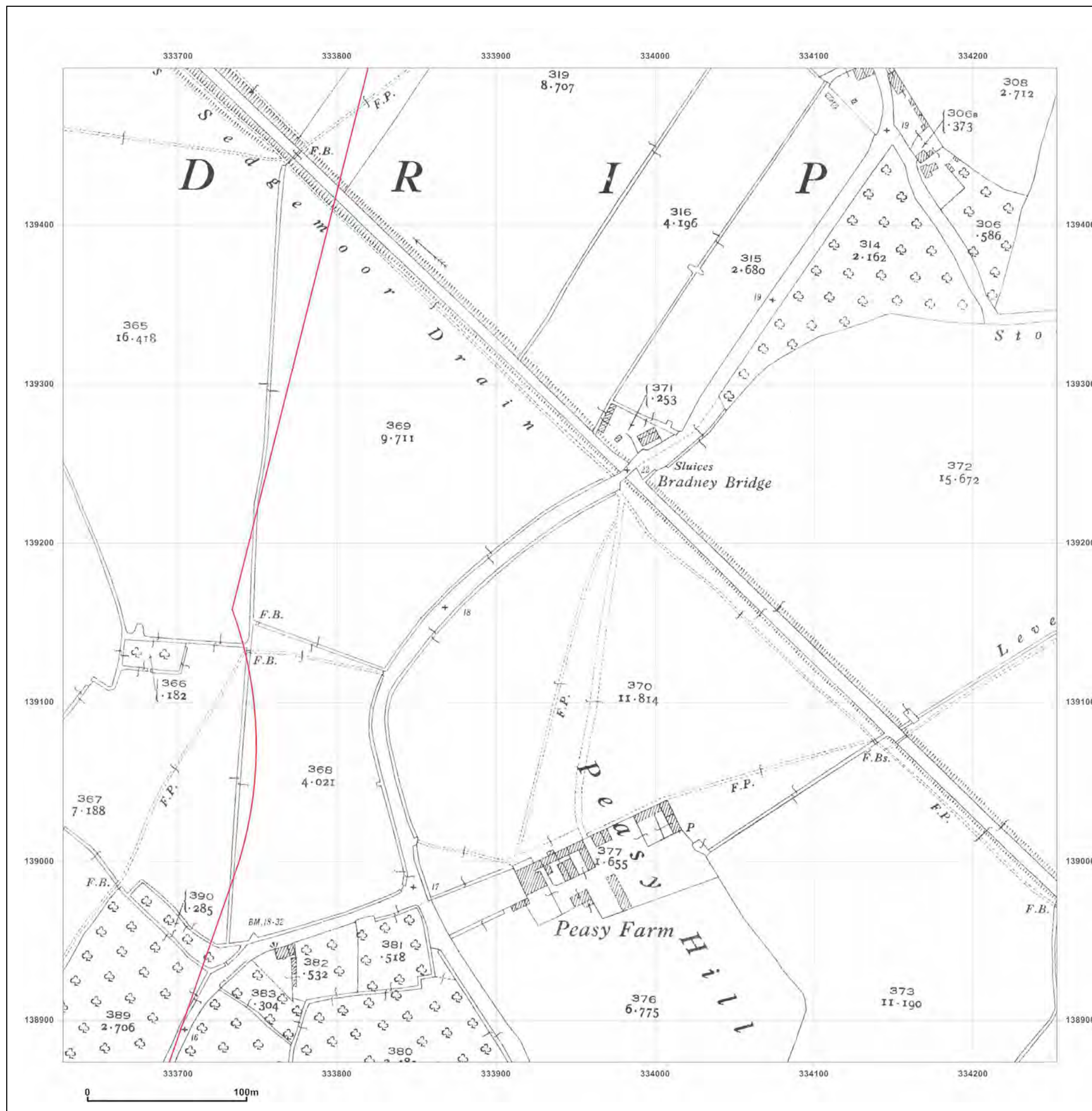


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E6
Grid Ref: 333940, 139186

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

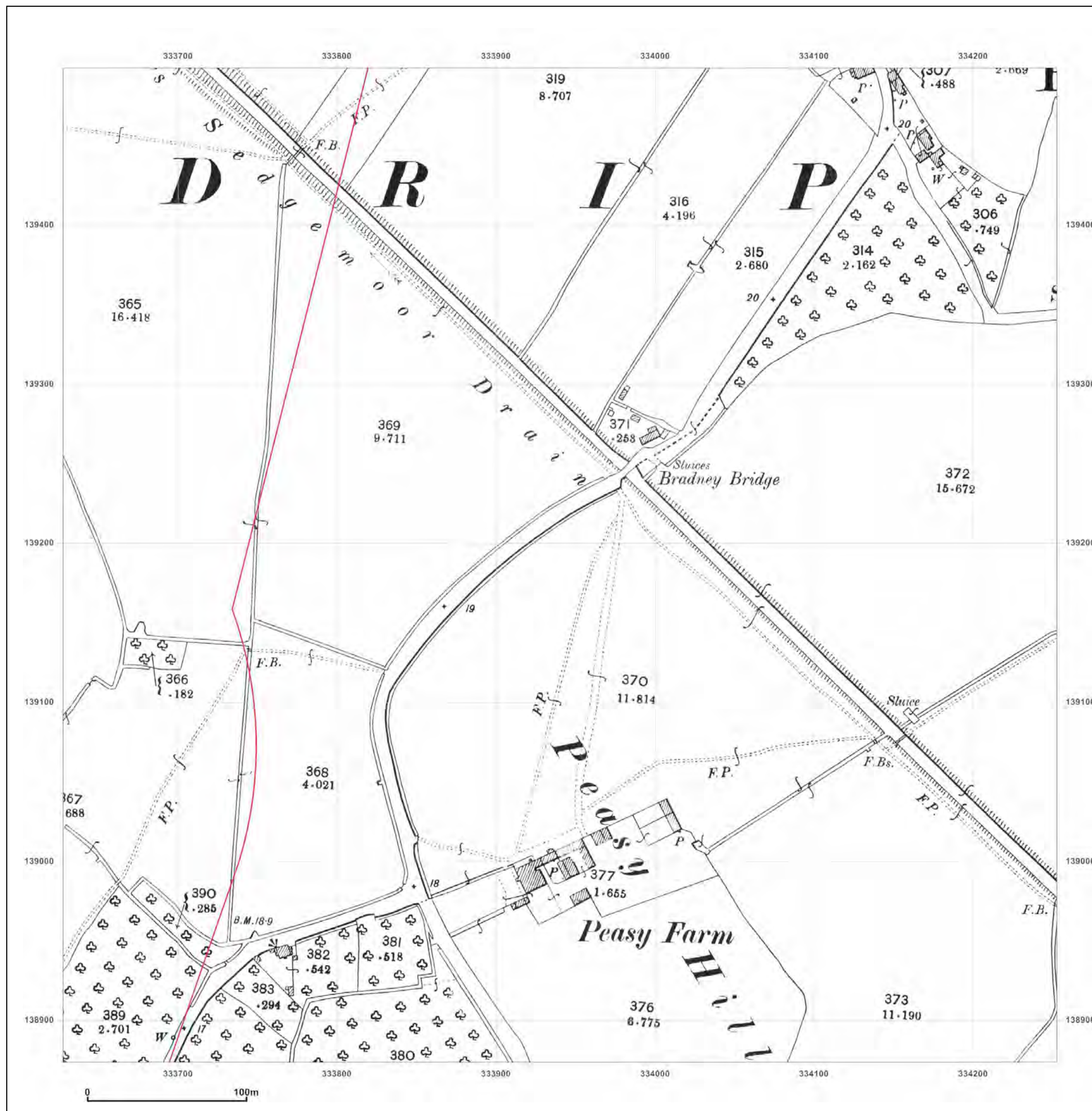


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E6
Grid Ref: 333940, 139186

Map Name: County Series

Map date: 1888

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

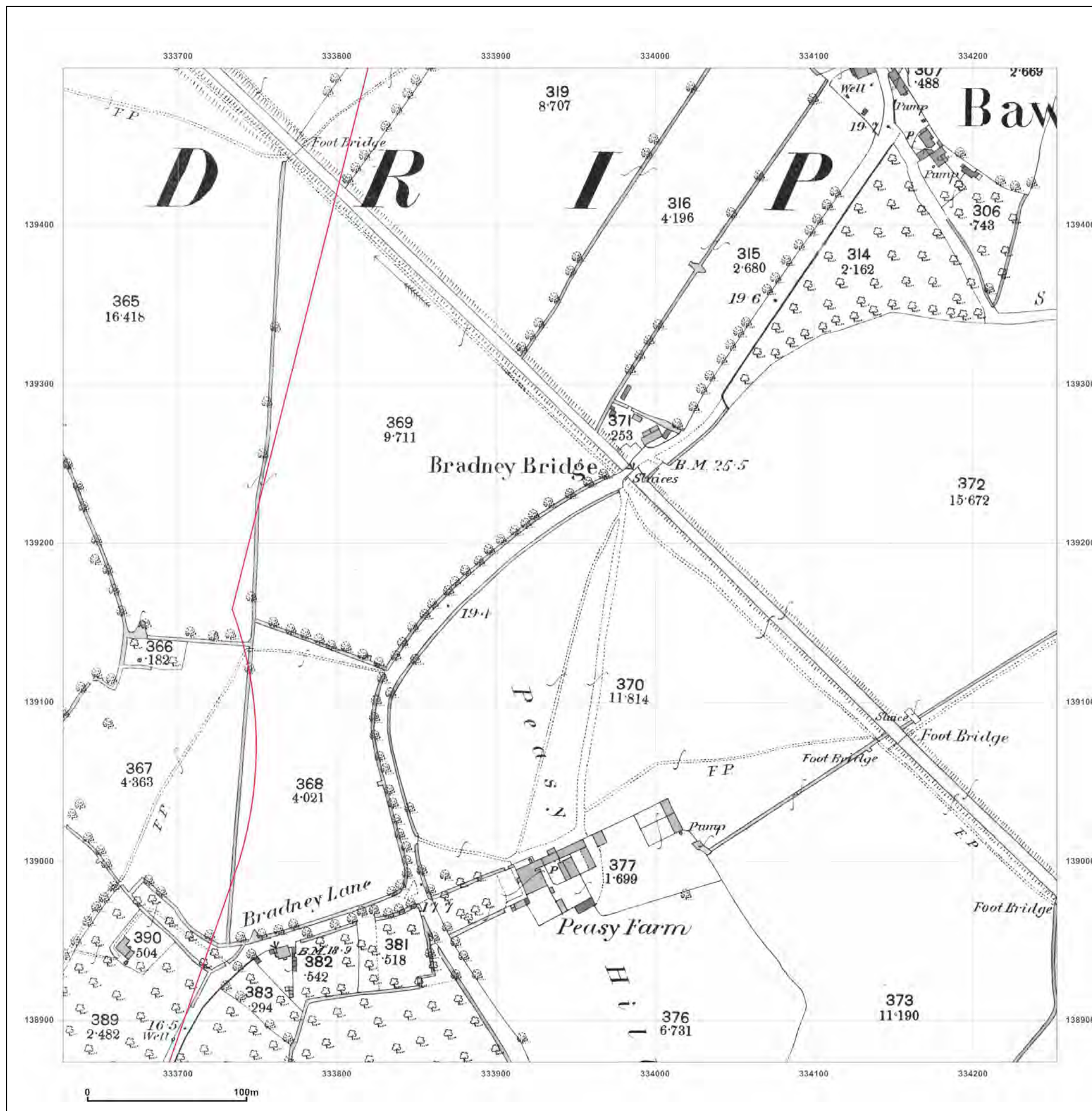


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E5
Grid Ref: 333939, 139785

Map Name: National Grid

Map date: 1994-1995

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1994
 Levelled N/A

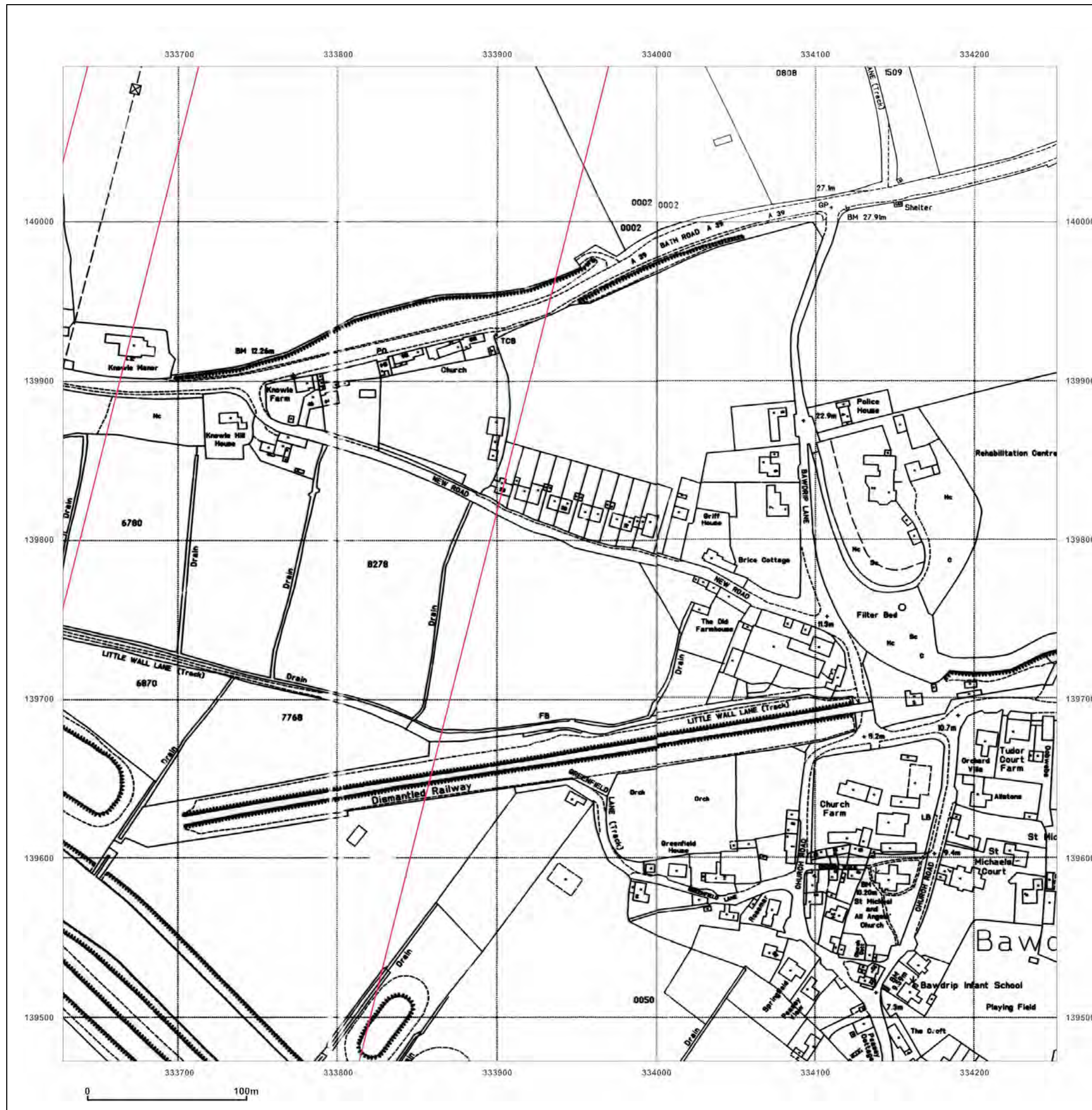


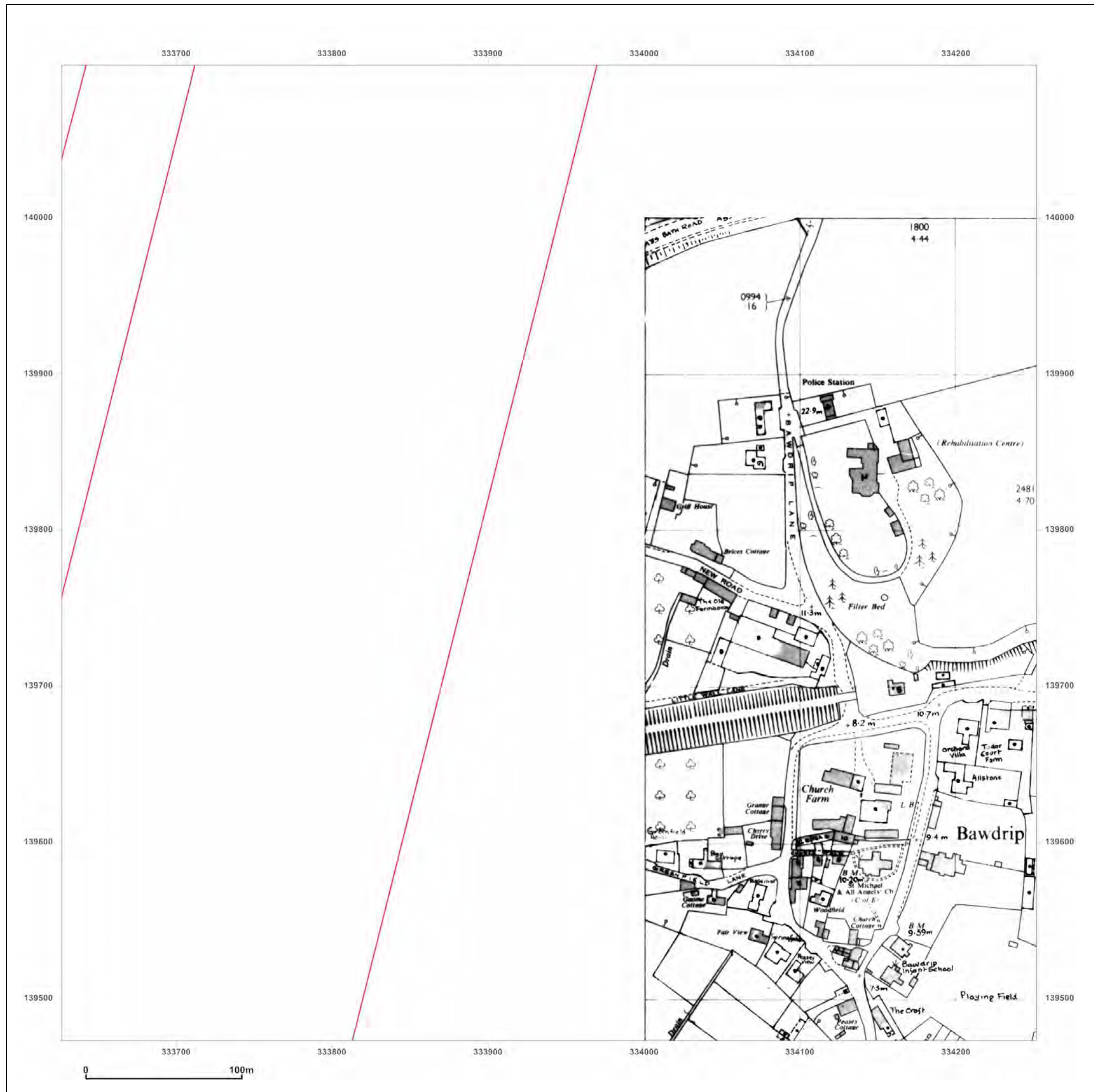
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Hinkley Project

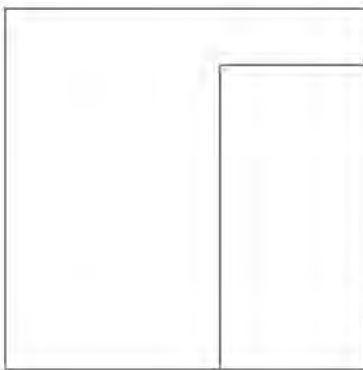
Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E5
Grid Ref: 333939, 139785

Map Name: National Grid

Map date: 1988

Scale: 1:2,500

Printed at: 1:2,500




Surveyed 1988
Revised 1988
Edition N/A
Copyright 1988
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Site Details:
Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E5
Grid Ref: 333939, 139785

Map Name: National Grid

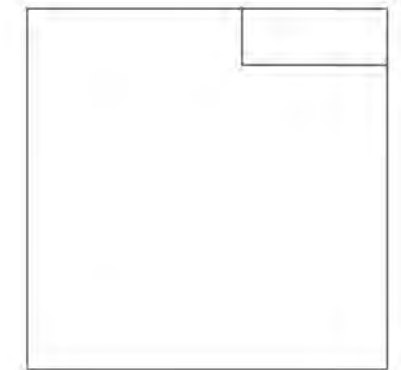
Map date: 1977

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1977
Revised 1977
Edition N/A
Copyright 1978
Levelled 1981

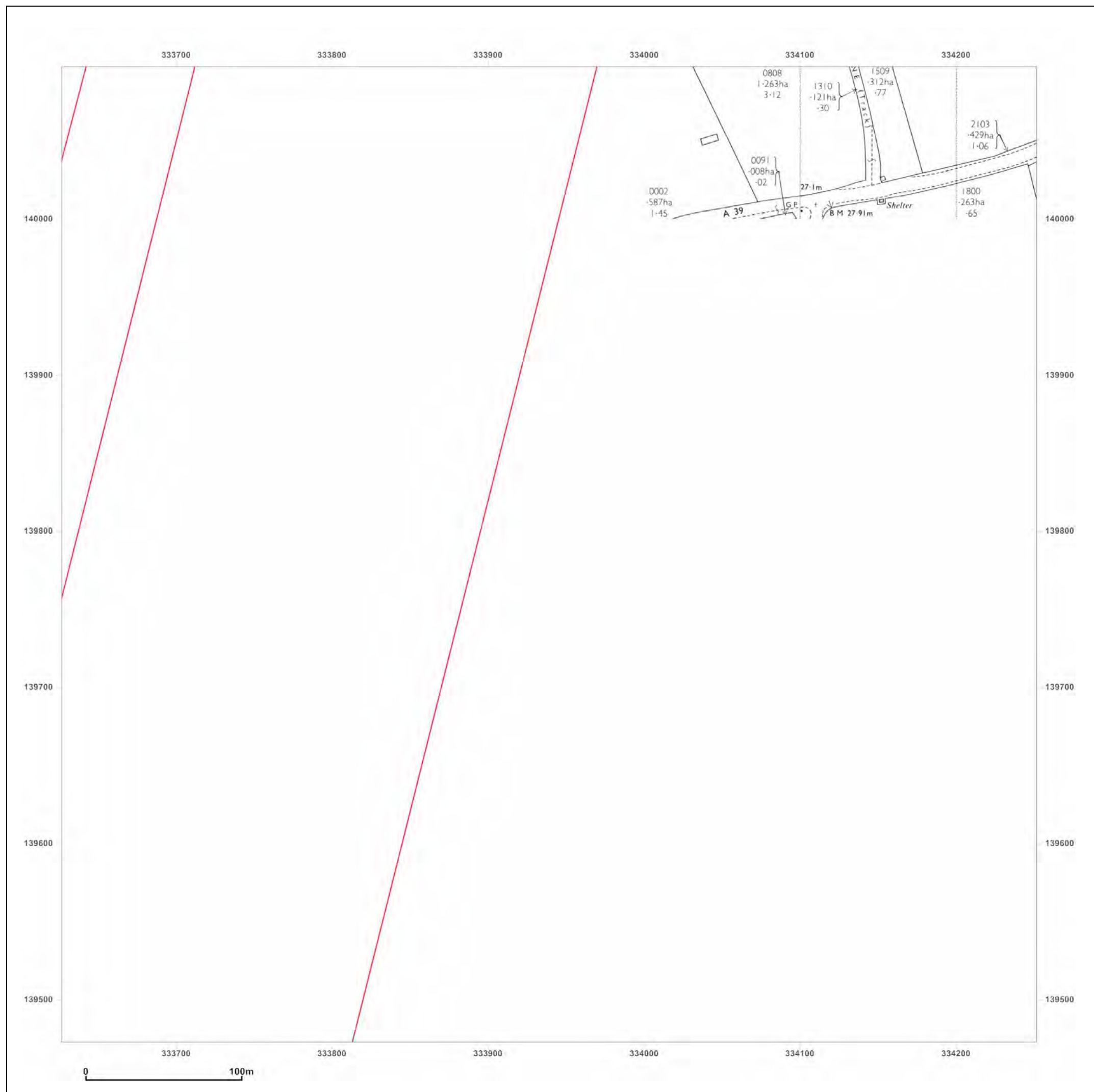


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E5
Grid Ref: 333939, 139785

Map Name: National Grid

Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1970
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961

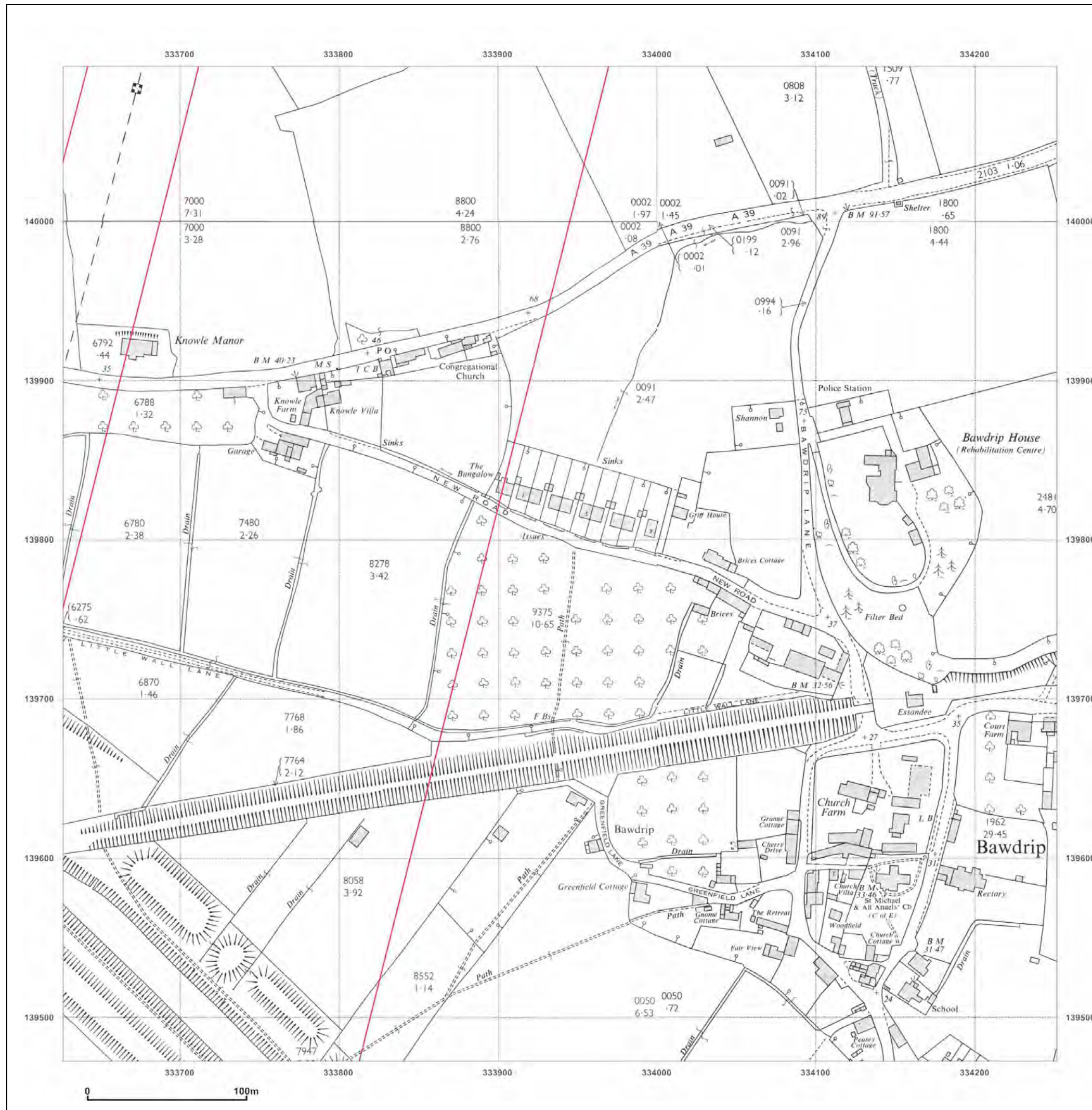


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E5
Grid Ref: 333939, 139785

Map Name: National Grid

Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1961
 Revised 1968
 Edition N/A
 Copyright 1968
 Levelled 1961

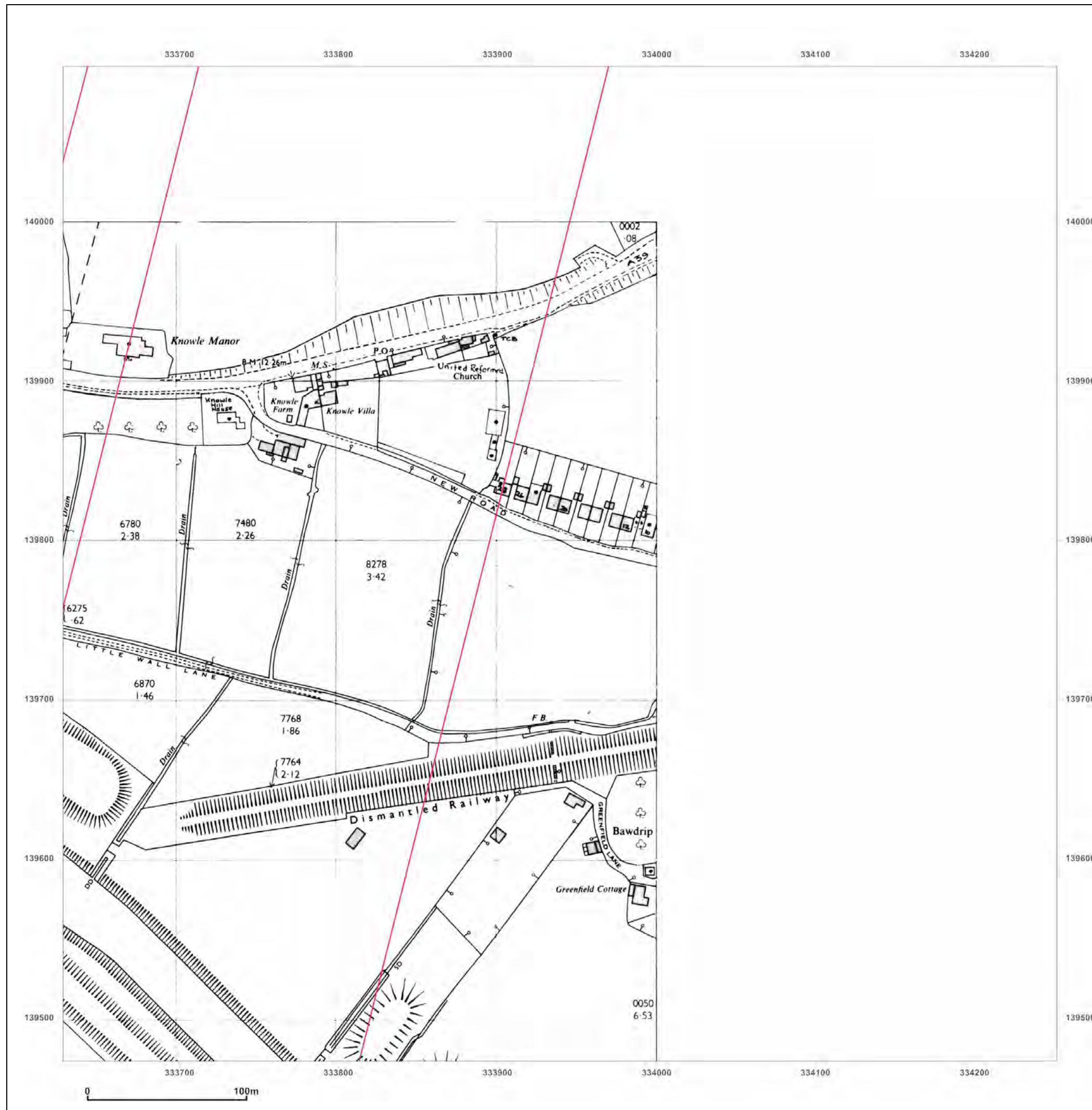


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E5
Grid Ref: 333939, 139785

Map Name: County Series

Map date: 1930

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1930
 Revised 1930
 Edition N/A
 Copyright N/A
 Levelled N/A

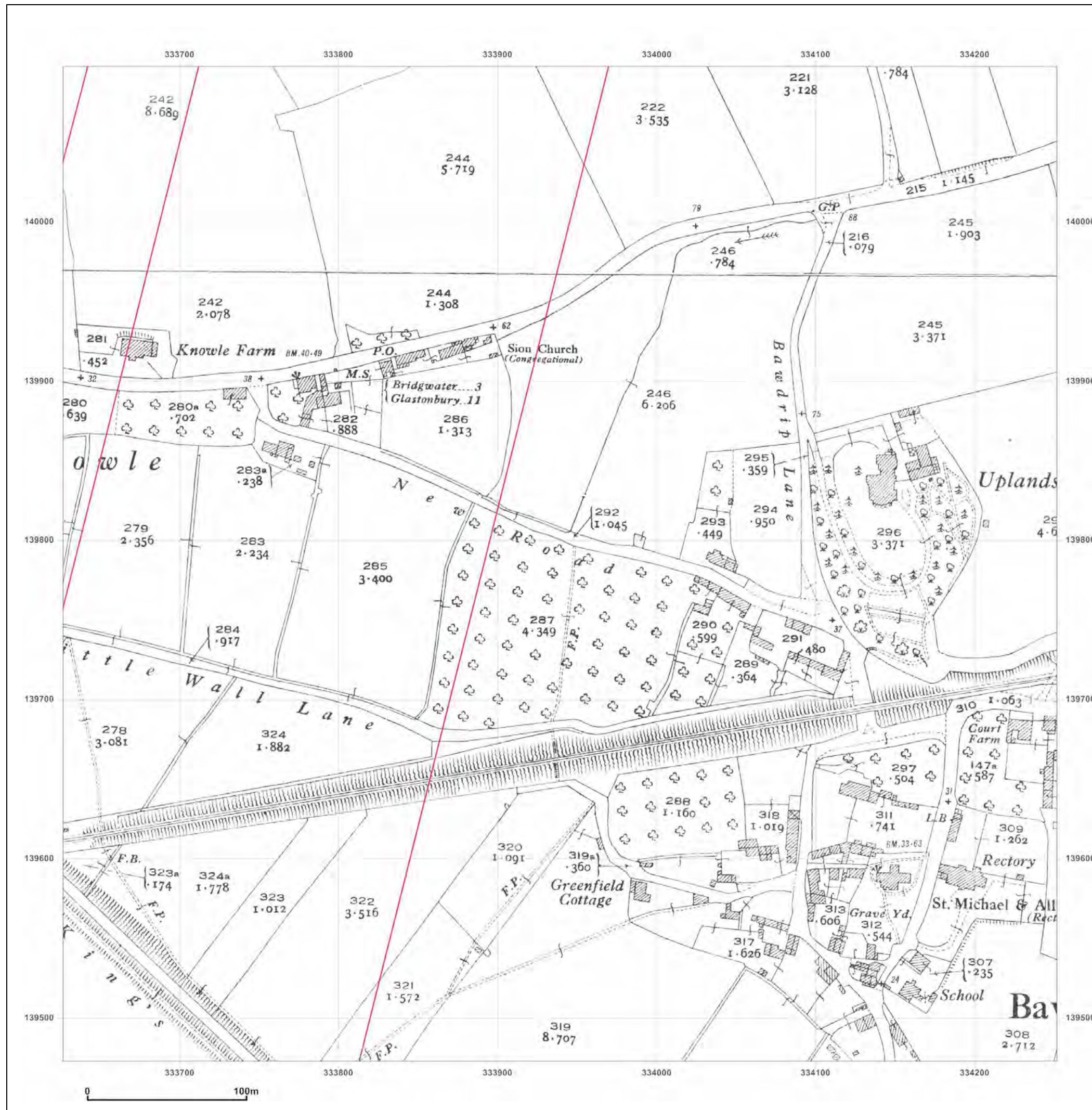


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E5
Grid Ref: 333939, 139785

Map Name: County Series

Map date: 1904

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1904
 Revised 1904
 Edition N/A
 Copyright N/A
 Levelled N/A

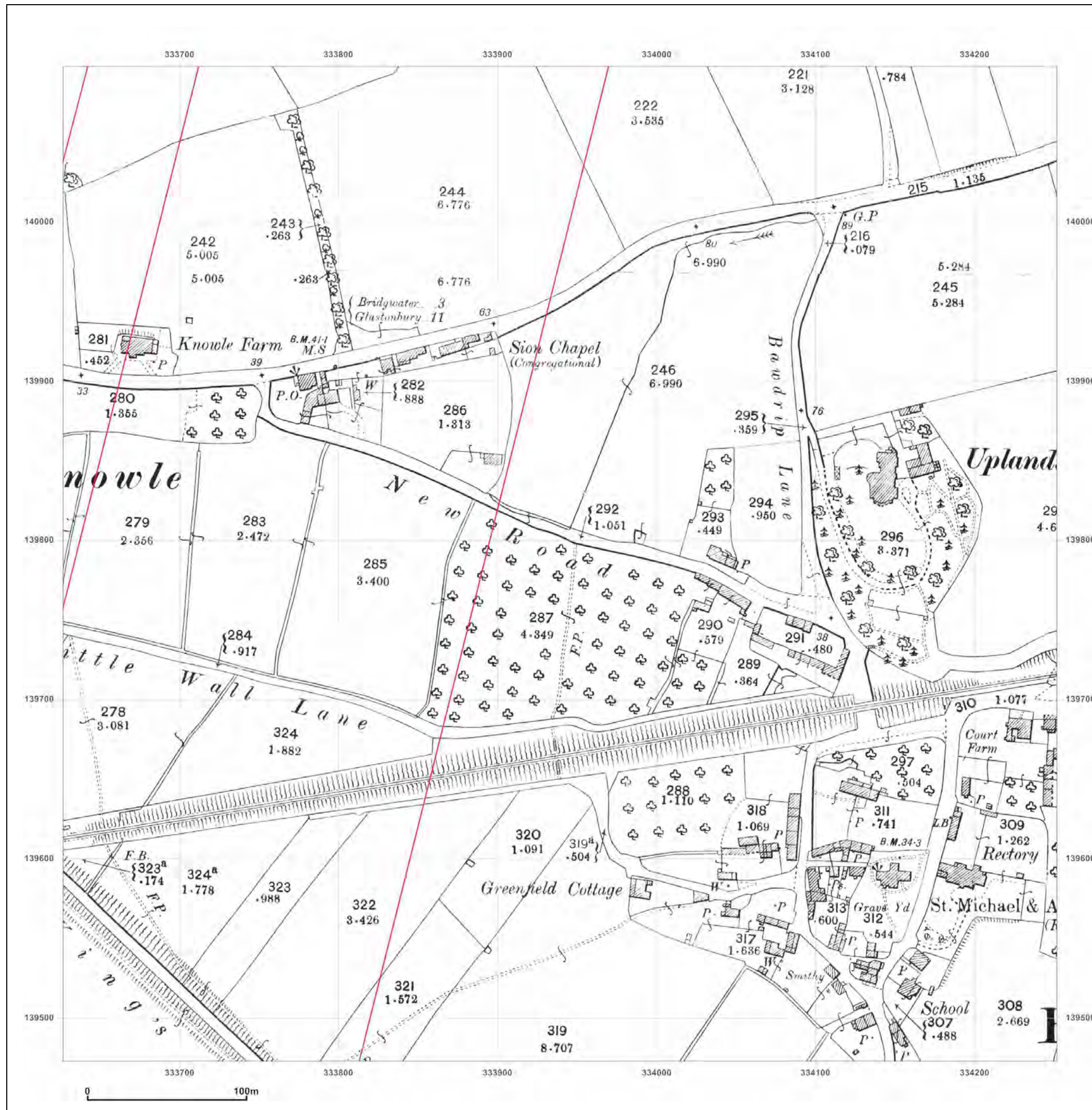


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E5
Grid Ref: 333939, 139785

Map Name: County Series

Map date: 1888

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1888
 Revised 1888
 Edition N/A
 Copyright N/A
 Levelled N/A

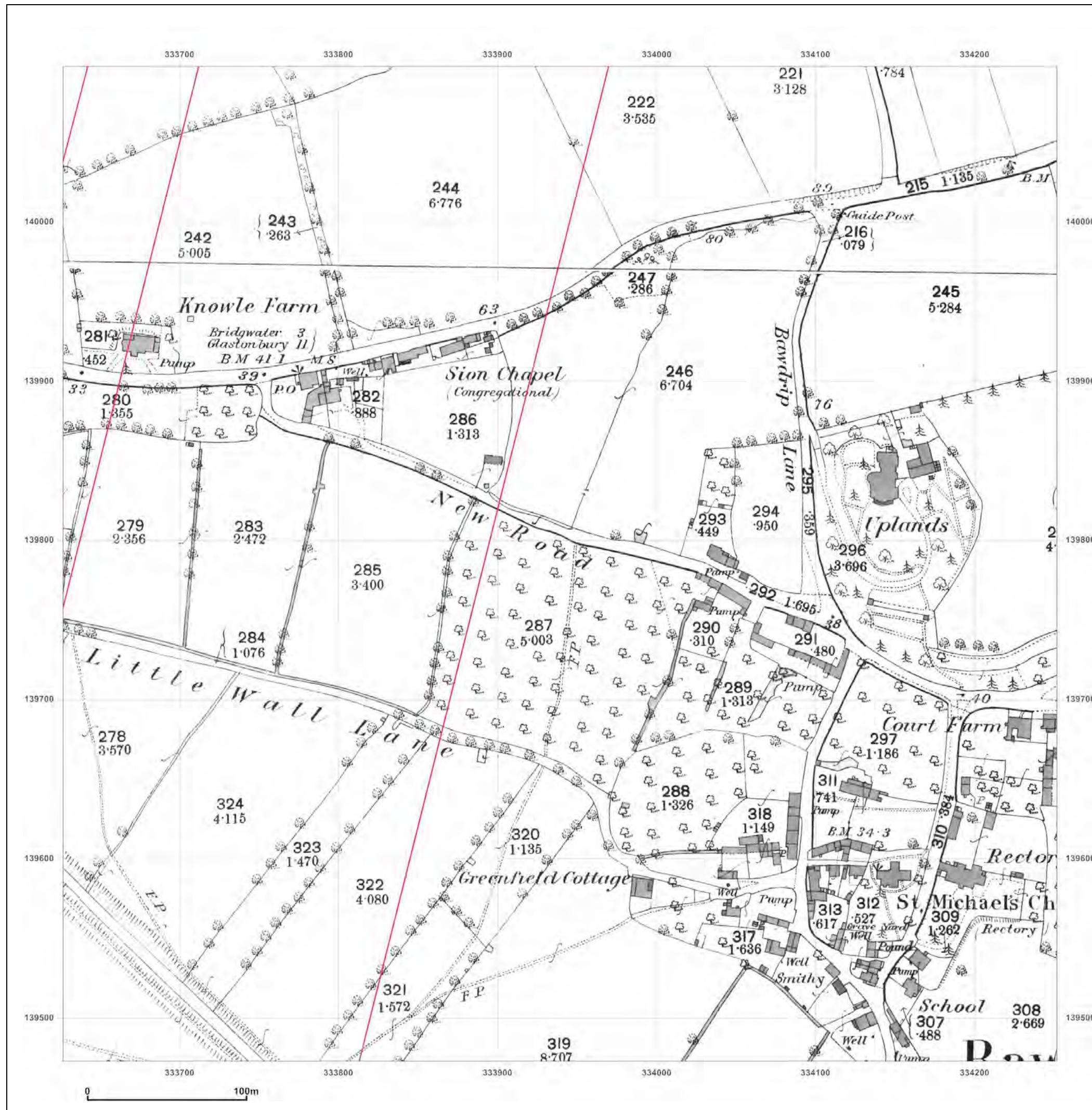


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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E4
Grid Ref: 333820, 140386

Map Name: National Grid

Map date: 1995

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright 1995
 Levelled N/A

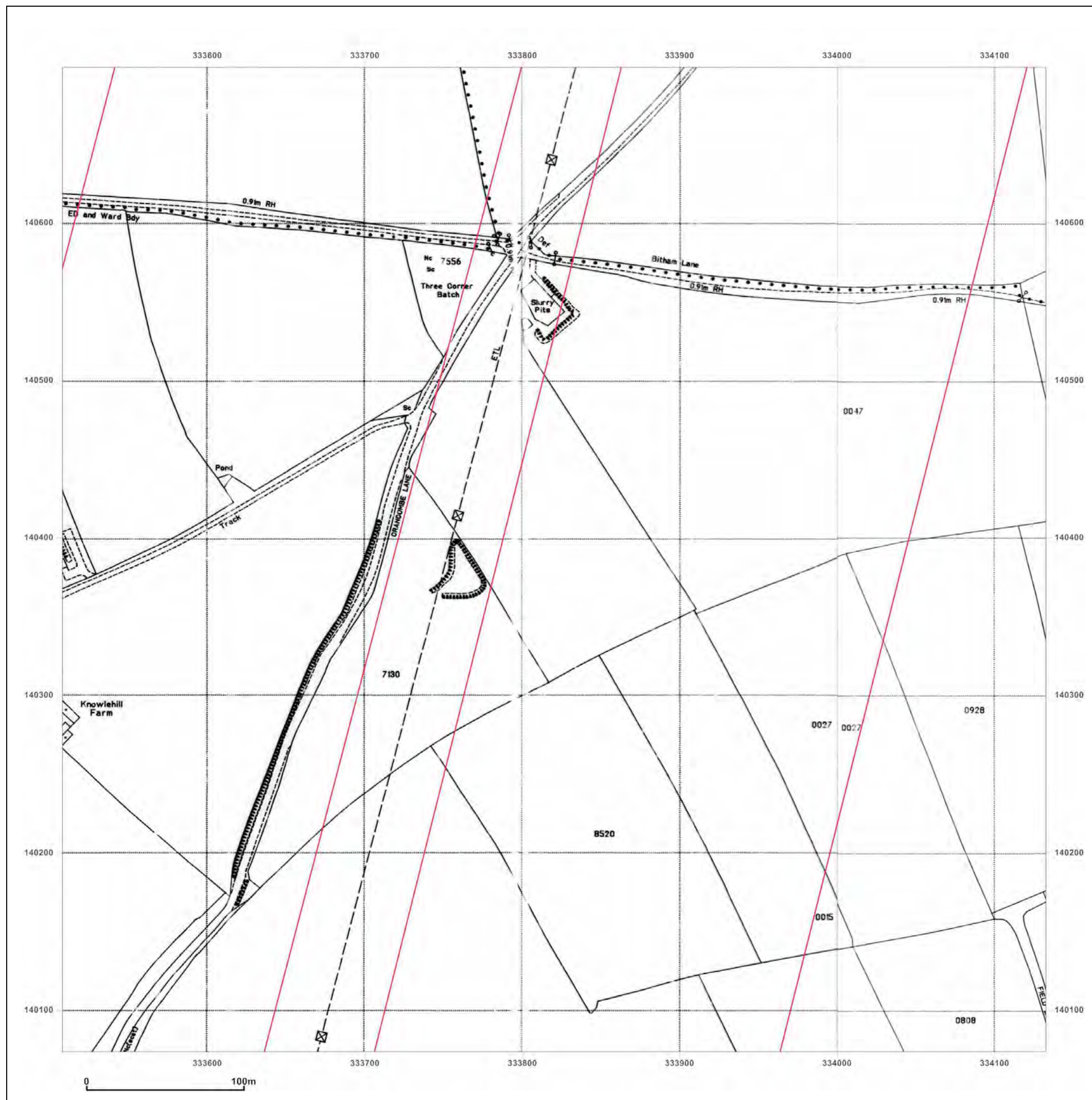


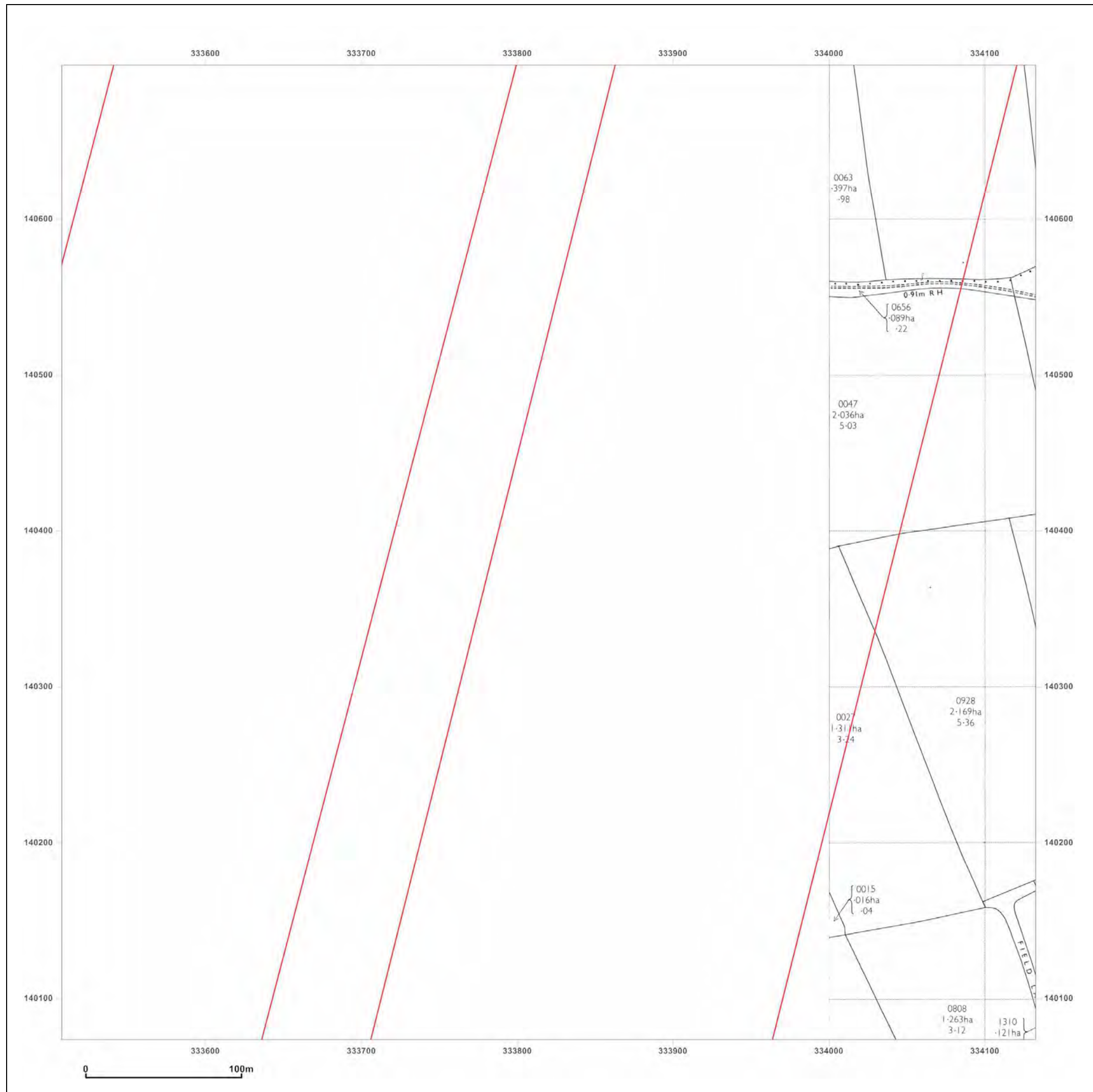
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Site Details:
Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E4
Grid Ref: 333820, 140386

Map Name: National Grid
Map date: 1977
Scale: 1:2,500
Printed at: 1:2,500

Surveyed 1977
Revised 1977
Edition N/A
Copyright 1978
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Production date: 21 May 2013
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Site Details:

Hinkley Project

Client Ref: Hinkley Project; 13_PO_100.
Report Ref: HMD-278-816308_1_LS_E4
Grid Ref: 333820, 140386

Map Name: National Grid

Map date: 1968

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1970
 Levelled 1961

Surveyed 1968
 Revised 1968
 Edition N/A
 Copyright 1969
 Levelled 1961



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