# West Burton Solar Project

## Environmental Statement Appendix 11.4:

Geo-Environmental Risk Assessment West Burton Cable Corridor (part 1 of 5)

> Prepared by: Delta Simons March 2023

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## Preliminary Geo-Environmental Risk Assessment

West Burton Solar Project - West Burton Cable Corridor

Presented to: West Burton Solar Project Limited

Issued: July 2022

Delta-Simons Project No: 21-1098.04

Protecting people and planet

## **Report Details**

Client	West Burton Solar Project Limited			
Report Title	Preliminary Geo-Environmental Risk Assessment			
Site Address	Land between Broxholme, Lincoln, LN1 2ZS and Clayworth, Retford, DN22 9AF			
Report No.	21-1098.04_REP_West-Burton-Cable-Route_PRA_22-07_19			
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## **Quality Assurance**

Issue No.	Status	Issue Date	Comments	Author	Technical Review	Authorised
01	Final	26/07/2022	-			
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Delta-Simons is a trusted, multidisciplinary environmental consultancy, focused on delivering the best possible project outcomes for customers. Specialising in Environment, Health & Safety and Sustainability, Delta-Simons provide support and advice within the property development, asset management, corporate and industrial markets. Operating from across the UK we employ over 180 environmental professionals, bringing experience from across the private consultancy and public sector markets.

As part of Lucion Services, our combined team of 500 in the UK has a range of specialist skill sets in over 50 environmental consultancy specialisms including asbestos, hazardous materials, ecology, air and water services, geo-environmental and sustainability amongst others.

Delta-Simons is proud to be a founder member of the Inogen Environmental Alliance, enabling us to efficiently deliver customer projects worldwide by calling upon over 5000 resources in our global network of consultants, each committed to providing superior EH&S and sustainability consulting expertise to our customers. Through Inogen we can offer our Clients more consultants, with more expertise in more countries than traditional multinational consultancy.



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#### 1.0 Introduction

#### 1.1 Appointment

Delta-Simons Limited ("Delta-Simons") was instructed by West Burton Solar Project Limited (the "Client") to prepare a Preliminary (Geo-Environmental) Risk Assessment for a cable route corridor located between Broxholme, Lincoln, LN1 2ZS and Clayworth, Retford, DN22 9AF (the "Site").

This Report was undertaken in accordance with Delta-Simons' fee proposal dated 10<sup>th</sup> June 2022. The standard limitations associated with this Assessment are presented in Appendix A.

#### 1.2 Context & Purpose

The aim of this Report is to support the submission of a planning application for the proposed development of West Burton Solar Project. The project comprises four land parcels proposed to house the solar arrays and batteries: West Burton 1, West Burton 2, West Burton 3 and West Burton 4 and a sub-station Site. This report has been prepared for the cable corridor which connects West Burton 1 near Broxholme, Lincoln to West Burton 4 near Clayworth, Retford. The exact location of the cable route is unknown at this stage, however a search area as shown on Drawing 1 has been provided for assessment.

It is considered that the cable route will be subject to a number of external restrictions and as such, will not cross below private infrastructure such as dwellings or buildings. It is also understood that the cable is proposed to be above ground to cross significant surface water features such as the River Trent. It is anticipated that the soils excavated during installation of the cable will be stockpiled prior to re-instatement upon completion.

To that end this study assesses the likely environmental and geotechnical issues associated with soil and groundwater conditions that may affect the proposed cable route. This Report is designed in general accordance with guidance on Land Contamination: Risk Management pages of the GOV.UK web pages, the relevant requirements of the National Planning Policy Framework (NPPF) (as revised 2021) (paragraphs 174 & 183-184)<sup>1</sup> and the Planning Practice Guidance (Land Affected by Contamination)<sup>2</sup>.

#### 1.3 Scope of Works

The following scope of works is included within the Report;

- Review of the environmental setting of the Site, including the current use / status of the Site and surrounding area, and review of the geology, hydrogeology and hydrology;
- Review of the historical activities of the Site and surrounding area;
- Review of regulatory information relating to the Site;
- Review of the online planning records for the Site;
- Consult and review information from the Local Authority in relation to Part 2A of the 1990 Environmental Protection Act;
- Review online records of potential unexploded ordnance risks;
- Complete a Site reconnaissance by undertaking a visual inspection of readily accessible areas of the Site;
- Develop an outline Conceptual Site Model and undertake a Preliminary Risk Assessment with respect to potential contamination focussed on the proposed land use;

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\_data/file/10044\_08/NPPF\_JULY\_2021.pdf







• Provide commentary on potential land contamination and geotechnical constraints in the context of the proposed development.

Data sources used in this assessment are listed in Appendix B.

#### 1.4 Limitations

The standard limitations associated with this Assessment are presented in Appendix A. In addition, there are the following specific limitations that apply to this Assessment:

- A Site walkover has been undertaken as part of this assessment, however, given the scale, it is not feasible to inspect all of the Site, although key areas have been examined; and
- The Report includes an initial assessment of unexploded ordnance (UXO) risks for the Site using online data sources. A detailed UXO assessment falls outside of the scope of this Report, further specialist assessment may be required.

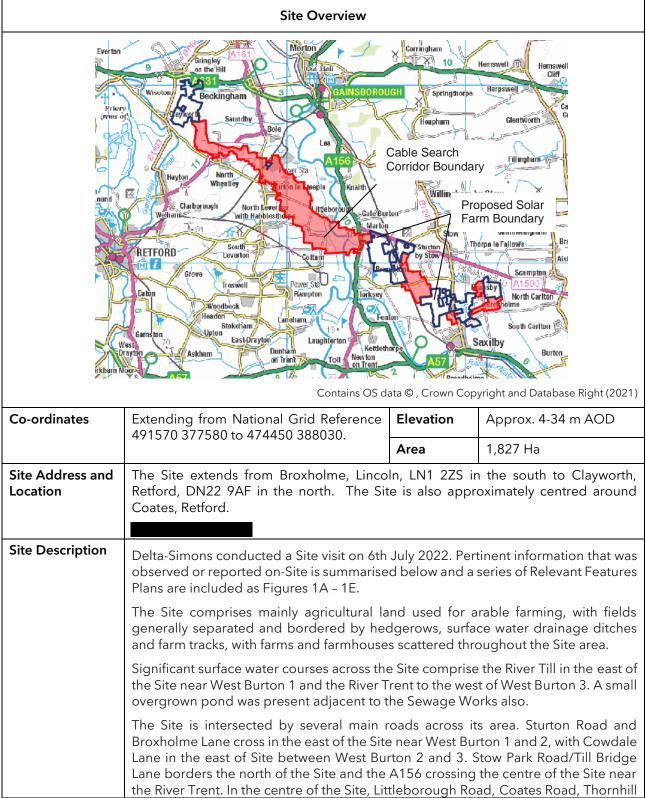




### 2.0 Site Context & Data Review

The following sections provide a summary of the key site features based on the data sources listed in Appendix B. All distances, measurements and dates are approximate and the accuracy limitations of the data sources should be noted.

#### 2.1 Site Information







Lane/North Leys Road, Cross Common Lane, Upper Ings Lane and Common Lane cross the main proposed cable route area between West Burton 3 West Burton Power Station.

To the west of West Burton Power Station, the Site is intersected by Gainsborough Road and the A620, with several trackways (Top Pasture Lane, Wood Lane, Mill Lane, Trent Valley Way and Northfield Leys Road) to the south of West Burton 4. Two railway lines also cross the Site in the east and west. In the east, the railway line crosses between West Burton 2 and 3 and crosses underneath Stow Park Road/Till Bridge Lane and runs between Gainsborough and Saxilby/Lincoln. The second railway line crosses the west of the Site and runs north-east/south-west between Gainsborough and Retford. This line also services West Burton Power Station for the delivery and collection of coal.

Several large electricity pylons are present crossing the Site area, originating from West Burton Power Station. In addition, numerous telegraph poles are present across the Site that connect to the farmsteads scattered across the Site area.

In the east of the Site, along Trent Port Road south-west of the village of Marton, there was a pumping station that pumps from a drainage dyke to the east into the River Trent. A second pumping station was located on the western bank of the River Trent near Coates, however access to this was not possible due to a gated access road.

Two areas of fly tipping were noted on Site: one area present in the centre of the Site on a road leading to a sewage works and an entrance to an agricultural field. The second area was located on a service road/rest area off Gainsborough Road in the north-west of the Site. Fly tipped material typically comprised household wastes, garden wastes, wood, vegetation and building rubble. One area of burnt fly tipped waste was also present on the service road.

In the central area of the Site where the main cable route is proposed, there is a white fence post detailing the position and line of an 8-inch oil pipeline shown to be running north-west towards West Burton Power Station. This is potentially the same pipeline that is marked on the northern boundary of the proposed substation Site adjacent to West Burton Power Station. From Delta-Simons local knowledge it is known that oil pipelines are present in the area associated with the Misterton Oil Depot, located approximately 4.5 km north-east of the Site.

#### Description of Adjacent and Surrounding Land Uses

The Site is located within a rural area, largely surrounded by farmland. The wider West Burton Power Station is located adjacent to the Site in the northern area. Discrete pockets of development comprising villages and farm buildings are present adjacent to the study area.

#### 2.2 Physical Setting

The physical setting of the subject property can influence the susceptibility to, and relative magnitude of, environmental impacts and liabilities associated with on- and off-Site sources of contamination. The following table provides physical setting information for the subject property and surrounding area.

#### **Published Geology**

British Geological Survey (BGS) online viewer (1:50,000 Sheet Numbers 101 and 102, Map Area East Retford and Market Rasen) indicates that the cable search route is underlain by superficial deposits including Alluvium in the southern and central areas, the Holme Pierrepont Sand and Gravel Member in the central area and occasional discrete pockets of Till (Diamicton) and Glaciofluvial deposits in the north, center and south. Superficial deposits are mapped as absent across the north-western area and between West Burton 2 and 3 in the south.





The underlying bedrock is noted to comprise the Charmouth Mudstone Formation, Scunthorpe Mudstone Formation and Penarth Group (Mudstone) in the south and the Mercia Mudstone Group across the central and northern areas. Site-Specific There are a number of BGS recorded boreholes ( located within Geology the cable corridor search area. Seven boreholes Ref. SK97NW9C-G, SK97NW11 and SK97NW24 are located in the Broxholme area and record a generalised sequence of topsoil underlain by superficial sandy silty clay and sand to approximately 2.50 to 3.00 m bgl followed by very stiff clay/mudstone bedrock below. Groundwater was recorded at 4.00 m bgl within a single location. Six boreholes Ref. SK87NE31-34, SK87NE24 and SK87NE25 are located in High Ingleby (between West Bruton 2 and 3) and record this area to be directly underlain by mudstone bedrock initially recorded as clay. Groundwater was not identified within any location to a maximum drilled depth of 39.35 m bgl. Twenty-five boreholes Ref. SK88SW25-40, SK88SW10, SK87SE26, SK88SW43, SK88SW12, SK88SW13, SK88SW15 and SK88SW7 extend from Marton in the central area to West Burton Power Station in a linear trend. The geology recorded comprises topsoil underlain by sand and mudstone bedrock at approximately 3.00 m bgl near Marton to variable very soft clays, silts, sand and gravels to >10.00 m depth adjacent to and to the west of the River Trent. The superficial deposits are recorded as more granular sands and gravels to depths of approximately 7.00 m bgl and subsequently 5.00 m bgl to the north-west away from the River Trent. Groundwater was generally identified at depths < 2.00 m bgl. Five boreholes Ref. SK78NE35-37, SK78NE59 and SK78NE45 are located on or adjacent to West Burton Power Station and record a general sequence of topsoil over firm to stiff silty clay underlain by mudstone. Potentially unmapped superficial sands and gravels were encountered beneath the clay in SK78NE37 to a depth of 12.50 m bgl, followed by mudstone. Groundwater was identified at 4.00 m bgl and rose to 2.75 m bgl after 20 minutes within SK78NE45 and at a depth of 18.90 m bal within SK78NE59. The Environment Agency (EA) data ■ Aquifers and indicates that the Alluvium, Holme Peirrepont Sand and Gravel Member and Glaciofluvial deposits Groundwater classify as Secondary A Aquifers and the Till classifies as a Secondary Receptors (Undifferentiated) Aguifer. The underlying Scunthorpe Mudstone Formation and Mercia Mudstone bedrock classify as Secondary B Aquifers and the Charmouth Mudstone Group and Penarth Group classify as Secondary (Undifferentiated) Aquifers. The EA data also indicates that the Site is not located in or within 1 km of a designated groundwater Source Protection Zone. According to the Envirocheck Report, there is a licensed groundwater abstraction located at West Burton Power Station for use in industrial processing. There are three further licensed groundwater abstractions all located approximately 150 m

north of the Site at Wheatley Grange for use in domestic and general farming. The off-Site abstractions are not considered as potential receptors given the nature of the development comprise the laying of a cable in the ground and re-instatement. It is anticipated that a suitable easement will be afforded adjacent to the

abstraction borehole at West Burton Power Station.





Groundwater Levels and Flow Direction	The available BGS borehole information indicated the presence of shallow water (<2.00 m bgl) adjacent to the River Trent and to the north west. Groundwater is likely to be deeper across the southern area of the Site between West Burton 1 and 3. However, drainage ditches are present across the area, as such, perched groundwater may be present.  Groundwater is expected to flow locally towards drainage channels and regionally towards the River Trent or River Till.
Hydrology	A number of drainage ditches are present across the cable corridor Site. In addition, the River Till is located in the southern area between Broxholme and Ingleby and the River Trent is located in the centre and in the north west adjacent to West Burton Power Station.  According to the Envirocheck Report, there are six licensed abstraction records from surface water located on-Site. Five licenses are located in the central area adjacent to the River Trent and a further license is located in the south associated with extraction from the River Till/adjoining water course. All permits are noted to be for use in spray irrigation.
Site Topography	The Site topography varies from approximately 34 m AOD in the north west area near Clayworth to 4 m AOD in the central area adjacent to the River Trent. There are no significant breaks in slope with the exception of the river banks.
Mining & Quarrying	Reference to the Coal Authority on-line viewer (Indicates that the majority of the Site is not with a Coal Mining Reporting Area and is not within a Development High Risk Area. The north western area adjacent to West Burton 4 (Clayworth) is located within a Coal Mining Reporting Area, however, is not within a Development High Risk Area. Consequently, a Coal Mining Risk Assessment (CMRA) is unlikely to be required under the planning regime. There are five BGS recorded mineral sites located on-Site;  • Brampton Grange Sand Pit located in the central area near Marton for the
	<ul> <li>opencast extraction of Holme Pierrepont Sand and Gravel Member. The operation is ceased;</li> <li>Blackburn Lane Sand Pit located in the north west near Sturton le Steeple for the opencast extraction of Galciofluvial sand. The operation is ceased; and</li> </ul>
	<ul> <li>Three entries located at West Burton Power Station Ash Plant for pulverised fuel ask, furnace bottom ash and gypsum from desulphurisation. It is considered that these entries relate to the waste sorting area at the power station located off-Site to the north.</li> </ul>
Ground Stability Hazards	The Envirocheck Report indicates that the hazard arising from collapsible, compressible, ground dissolution, landslide, running sand and shrinking or swelling clay stability is generally low to very low.  A moderate hazard from compressible ground stability is recorded in the central area adjacent to the River Trent, in the south adjacent to the River Till and in the north west associated with West Burton Power Station. In addition, a moderate landslide hazard in the central area along the River Trent bank.
Radon Gas	Public Health England data indicates that the Site lies within an area where <1% of homes are at or above the radon action level.





#### 2.3 Sensitive Land Use

Ecological Receptors	From information provided within the Envirocheck Report there are no statutory ecological receptors on or within 500 m of the Site.		
Heritage Interest	Historic England Records ( indicate two designated heritage interest sites located on-Site;		
	The Medieval Bishop's Palace and Deer Park, Stow Park a scheduled entry; and		
	A Grade II Listed Windmill located off Trent Port Road in the central area, adjacent to the River Trent.		

#### 2.4 Historical Use of the Site & Surrounding Area

#### 2.4.1 Approach

The historical development of the Site and surrounding area has been assessed through a review of historical maps, aerial photographs and Google Earth historical satellite imagery. A summary of the key historical Site uses and developments in the surrounding area is presented below. Copies of selected historical maps are included as Appendix E.

#### 2.4.2 Key Historical Use and Summary

The following key historical land uses have been identified on-Site;

- The Great Northern and Great Eastern Joint Railway located on and adjacent to the Site between West Burton 2 and West Burton 3 from the earliest map edition dated 1885 until present;
- Manchester, Sheffield and Lincolnshire Railway located on-Site in the north west from 1885 until present;
- A sand pit located in the central area, south of Marton from at least 1885 until 1920; and
- West Burton Power Station on and adjacent to the Site in the north west from 1976 onwards.

Based on a review of the compilation of historical sources dating back to 1885, it appears that the cable corridor has largely been in use as agricultural land to present day. Discrete areas of development such as agricultural farms, private dwellings and two railway lines are also present on-Site, with West Burton Power Station representing the most significant development including tanks, chimneys and cooling towers.

From readily available online information construction of West Burton Power Station commenced in 1961, generation began in 1966 and the end of generation is currently scheduled for between September 2022 and March 2023. West Burton is also noted to be a coal-fired power station.

#### 2.4.3 Unexploded Ordnance (UXO)

The Zetica Regional Unexploded Bomb Risk Map for the area of the cable corridor (that there is a low risk of UXO in the area.

#### 2.5 Environmental Database Review

The Landmark Envirocheck Report provides a database of environmental information held by various statutory bodies including the EA, Local Authority (LA), Health & Safety Executive (HSE) and Public Health England amongst others. A copy of the Envirocheck Report is provided in Appendix F and the most relevant information is summarised below.

Features On-Site	The Landmark Envirocheck Report lists the following entries for the Site;			
	<ul> <li>Numerous records relating to Integrated Pollution Control, Integrated Pollution Prevention and Controls and Local Authority Pollution Prevention and Control permitted activities, are listed for West Burton Power Station and the activities associated with power generation;</li> </ul>			





A Registered Radioactive Substance permit for West Burton Power Station for the keeping and use of radioactive materials such records typically relate to small scale source e.g. density gauges/x-ray machines; Five Pollution Incidences to Controlled Water, all of which were categorised as minor and as such are not considered further; Two Licensed Waste Management Facilities associated with West Burton Power Station in the north and the West Bank of the River Trent in the centre; A Registered Landfill Site associated with the West Bank of the River Trent which is noted to have accepted river dredging waste and is also recorded as dormant; West Burton Power Station is also recorded as a Control of Major Accident Hazards Site (COMAH) and operates under Planning Hazardous Substance Consent; and There are six contemporary trade directory entries including West Burton Power Station, a road haulage firm and a stationary manufacturers. It is anticipated that the cable route will be designed to avoid key features such as the identified landfill adjacent to the River Trent. **Potentially** The Landmark Envirocheck Report lists the following pertinent entries within 250 Contaminative m of the Site: **Features Off-Site** A COMAH site relating to the Oil and Pipelines Agency located approximately 130 m south west of the cable route near Stow Park. Online information (nationalarchives.gov.uk/) indicates an oil pipeline was completed in 1981 connecting Stow Park to the Misterton Oil Deport; and Contemporary Trade Directory Entries in the surrounding area include a quarry, dairy, mechanical engineers, door manufacturer and agricultural

#### 2.6 Planning Review/Regulatory Enquiries

engineers.

On-line Planning Review	West Lindsey District Council Bassetlaw District Council (Council Planning Portal and Council Planning Portal)	Date Accessed	20 <sup>th</sup> July 2022
On-Site Applications	Bassetlaw District Council  (Council Planning Portal and Council Planning		to West Burton on. onsultation and nd oxygen). The ch is included in a the storage of the revision of tions to the ash is provided for estrict Council for instruction of the





	No additional potentially contaminative activities or other information pertinent to this assessment was identified from the historical planning records.
Part 2A of the Environmental Protection Act (EPA) 1990	West Lindsey District Council include their Contaminated Land Register on their website. This confirms that no sites in the district are currently registered as 'Contaminated Land' and there have been no remediation notices served by the authority.
	Bassetlaw District Council Contaminated Land Register indicates that there are currently two Sites classed as contaminated land which were remediated in 2011 and 2013. However, the closest of these site is located approximately 8 km north of the Site, therefore, not considered significant.

#### 2.7 Previous Reports

No third party reports have been made available to review from the Client or sourced through a review of planning application records.





## 3.0 Conceptual Site Model

#### 3.1 Introduction

A Conceptual Site Model (CSM) represents the relationships between contaminant sources, pathways and receptors, to support the identification and assessment of contaminant linkages.

#### 3.2 Overall Site Sensitivity

The Site is considered to be of low to moderate environmental sensitivity given the presence of the underlying Secondary A, B and Secondary undifferentiated aquifers and major surface waters course (River Till and River Trent), however, there is also an absence of source protection zones or licensed public potable water supply abstractions.

#### 3.3 Potential Contamination Sources

A source is a contaminant or pollutant that is in, on or under the land that has the potential to cause harm or pollution.

The following identified potential contamination sources are considered in the CSM:

- West Burton Power Station mainly in relation to the oil storage. The storage of coal and disposal of ash
  is not considered a significant source as this has been located to the north and north east at a distance
  from the Site; and
- Small scale fuel spills/leaks associated with agricultural land use;
- Contaminants associated with the construction and use of the adjacent railway line;
- No significant sources of volatile organic vapours have been identified; and
- Potential fly tipped wastes.

#### 3.4 Potential Pathways

A pathway is a route by which a receptor is or could be affected by contaminant.

The potential pathways are considered to be as follows:

- Direct contact, ingestion or inhalation of soil bound contaminants / dust during redevelopment;
- Leaching of contamination into groundwater and lateral migration through any groundwater beneath the Site; and
- Direct contact between aggressive ground conditions and new infrastructure.

#### 3.5 Potential Receptors

A receptor is something that could be adversely affected by a contaminant, for example a person, controlled waters, an organism, an ecosystem, or Part 2A receptors such as buildings crops or animals.

Relevant potential receptors are considered to include:

- Construction workers;
- Third parties during construction (adjacent Site users and adjacent residents);
- Surface waters including the River Trent, Till and drainage ditches;
- The underlying aquifers; and
- The Built Environment (new infrastructure / utilities).





	Contaminant Linkage Assessment				
Source(s)	Pathway(s)	Receptor(s)	Risk	Comments	Requires Investigation
Potentially contaminated soils and/or groundwater located beneath the	Direct contact, ingestion and inhalation of dust and vapours.	Maintenance workers during any future sub- surface works at the Site.	Low Risk	Limited potential sources of contamination have been identified along the cable corridor associated with the Sites former agricultural use and minor development. With the exception of West Burton Power Station and it's associated activities. It is understood that the cable route will pass from the proposed sub-station to the west of West Burton Power Station to the grid connection on the east side of the station. The route will avoid significant infrastructure.  Although considered low risk, Site workers may become exposed to localised contaminated soils and shallow groundwater during intrusive groundworks. Safe working practices should be undertaken, and appropriate Personal Protective Equipment (PPE) should be used that will reduce the risk to low. A Discovery Strategy should also be introduced in the event localised contamination is found during ground works on Site. Additional protective measures may be required in the area of West Burton Power Station. It would be prudent to assess the ground conditions at the power station at the time of any geotechnical investigation.	No
	Leaching of contaminants and vertical migration. Lateral migration through any groundwater beneath the Site.	Groundwater beneath the Site. Off-Site receptors (neighbouring properties/ users).	Low Risk	The potential for significant contamination along the majority of the proposed cable route as a result of former land uses is low, therefore is unlikely to be an impact in terms of mobilising contaminants during construction. Localised contamination may be present associated with West Burton Power Station. Any disruption to the ground/hydrogeology during the cable installation would be temporary and localised. In addition, the Site is not located within a groundwater source protection zone and there are no potable groundwater abstractions within 500 m of the corridor.	No
	Direct contact.	Buried infrastructure.	Low Risk	Sulphates within the ground have the potential to degrade buried infrastructure. Based on the anticipated natural	No



Contaminant Linkage Assessment					
Source(s)	Pathway(s)	Receptor(s)	Risk	Comments	Requires Investigation
				clay/mudstone soils at the Site, the risk is considered low, however it would be prudent to assess the sulphate class of the soils at the time of any geotechnical investigation for concrete structures.	





## 4.0 Conclusions & Recommendations

#### 4.1 Land Contamination Risks and Liabilities

Uncertainty and Data Gaps	This assessment is based on desk study information only. No Site specific ground investigation data has made available for review.
Soils	Significant on-Site sources have not been identified with the exception of land associated with West Burton Power Station. However, given the development does not comprises a change in land use the risk is considered low.  Site workers may become exposed to localised contaminated soils and shallow groundwater during intrusive groundworks, in particular within the West Burton Power Station area. Safe working practices should be undertaken, and appropriate Personal Protective Equipment (PPE) should be used that will reduce the risk to low. A Discovery Strategy should also be introduced in the event localised contamination is found during ground works on Site. Additional protective measures may be required in the area of West Burton Power Station. It would be prudent to assess the ground conditions at the power station at the time of any geotechnical investigation.
Groundwater	The potential for significant contamination along the majority of the proposed cable route as a result of former land uses is low, therefore, is unlikely to be an impact in terms of mobilising contaminants during construction. Localised contamination may be present associated with West Burton Power Station. It is considered that any disruption to the ground/hydrogeology during the cable installation would be temporary and localised, as such the risk to controlled waters is considered low.
Potential Contaminated Land Development Risks	Widespread contamination is considered unlikely and the preliminary risk assessment has identified a <b>low</b> risk of soil/groundwater contamination along the cable corridor.

#### 4.2 Geotechnical Considerations

Uncertainty and Data Gaps	This assessment is based on desk study information only. No Site specific ground investigation data has made available for review.
Preliminary Ground Model	Based on the available information, it is anticipated that the ground conditions will vary along the route of the cable corridor. However, the majority of the route will likely comprise a sequence of topsoil underlain by superficial clays/ sands and gravels and mudstone bedrock initially comprising weathered clays. Increased thickness' of soft and compressible Alluvium is likely to be encountered adjacent to surface water features including the River Till and Trent.
	The available BGS borehole information indicated the presence of shallow water (<2.00 m bgl) adjacent to the River Trent and to the north west. Groundwater is likely to be deeper across the southern area of the Site between West Burton 1 and 3. However, drainage ditches are present across the Site and wider area, as such, perched groundwater may be present.
Plausible Geo-Hazards	The geohazards listed below have been identified to follow guidance presented in the HE document CD622 'Managing Geotechnical Risk' (2019) which aims to identify and manage the geotechnical risks associated with a scheme throughout its lifespan, from planning to construction to maintenance.
	The following geohazards are considered to be substantial ground related risks associated with the proposed development. A substantial risk is defined by Delta-Simons in Appendix C.





- High groundwater table/perched groundwater: May lead to unstable excavations which will required suitable shoring and dewatering;
- Variable strata: Further requirement for suitable shoring of excavations;
- Hard Strata: Hard dig conditions may be required where shallow bedrock is present and will required suitable excavation techniques; and
- Aggressive Ground Chemistry: Sulphate testing may be required to determine a suitable concrete grade for any buried infrastructure.

#### 4.3 Recommendations and Other Development Considerations

#### Recommendations

The following recommendations and development abnormals area considered appropriate;

- Confirmation on the routes of below ground services crossing the route, including oil pipelines known to be present in the Site area;
- A geotechnical Site investigation to assess in-situ ground conditions and determine soil strength within the area of proposed above ground infrastructure e.g. above ground cable supports;
- A Discovery Strategy should be put in place for groundworks to act upon should potential contamination be identified; and
- Subject to the proposed development scheme a Materials Management Plan (MMP) may be required in accordance with regulatory protocols during redevelopment.





## **Figures**

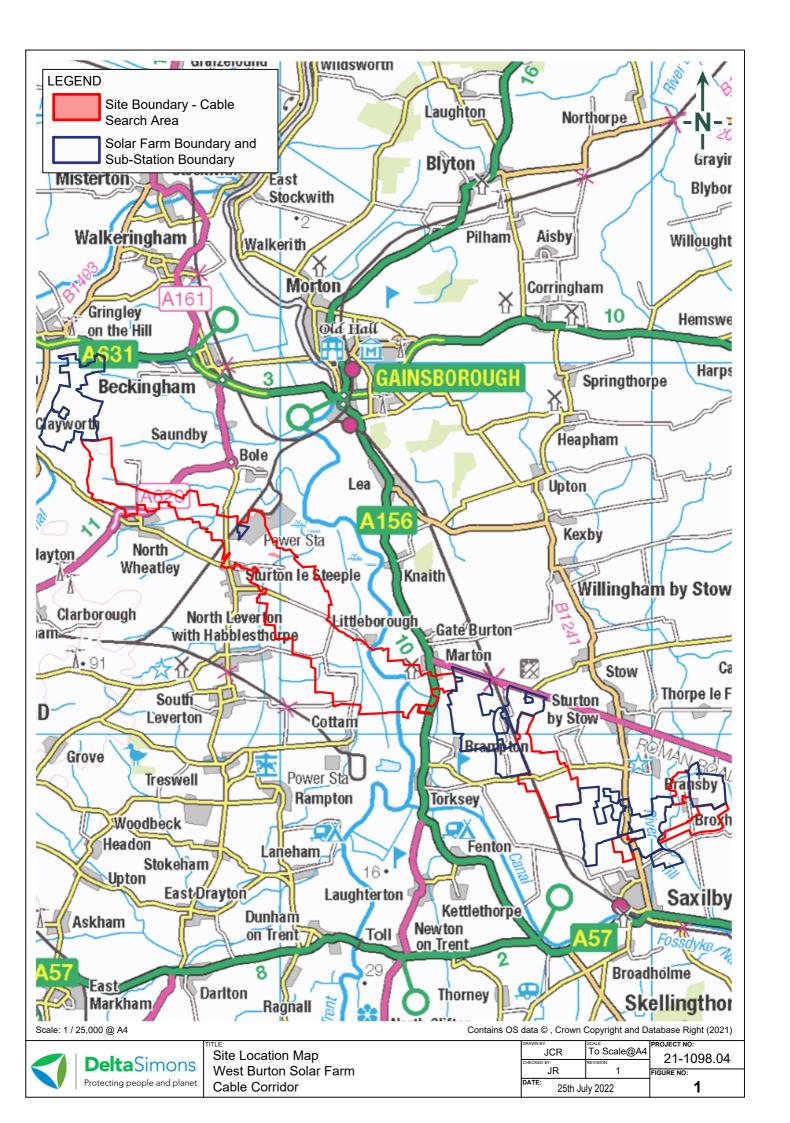




## **Figure 1- Site Location Map**



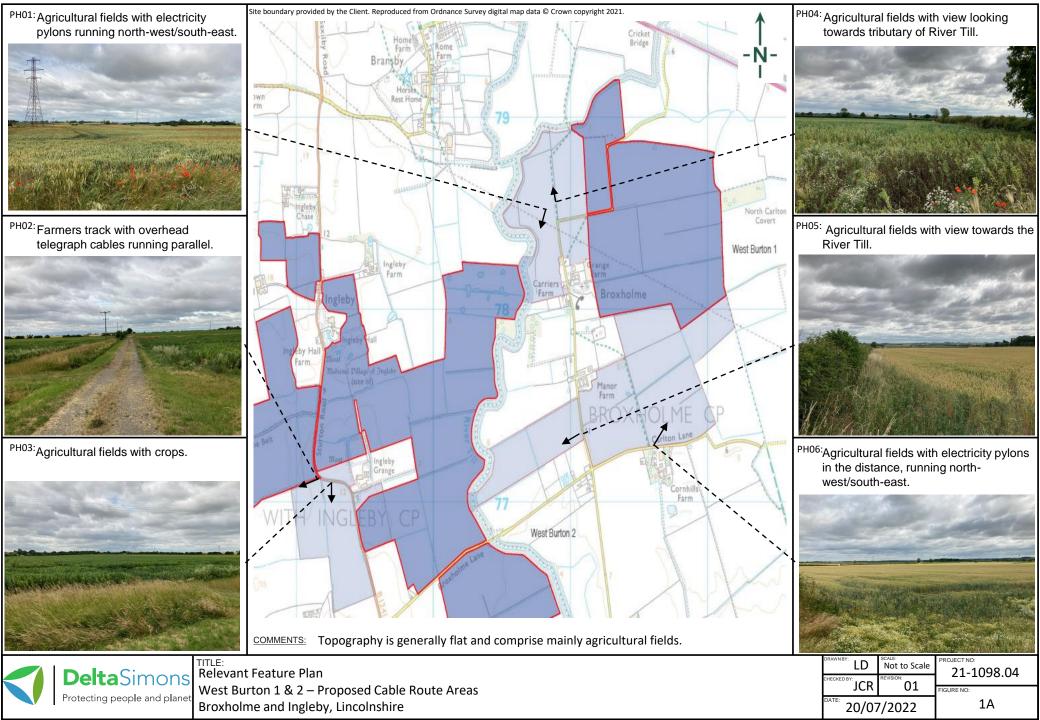


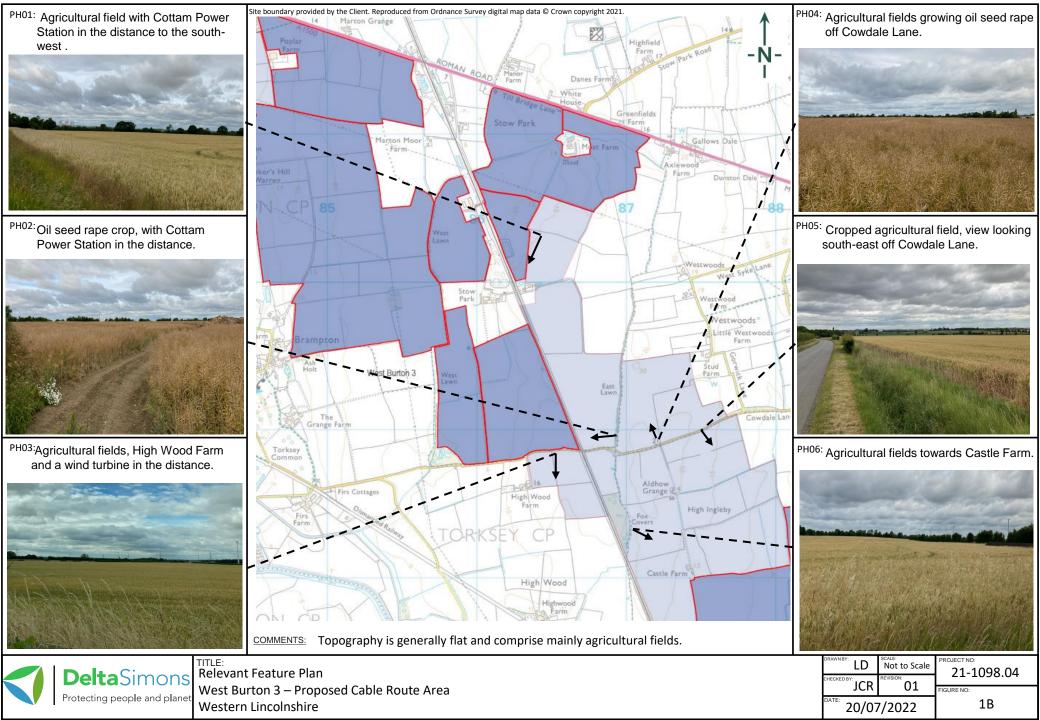


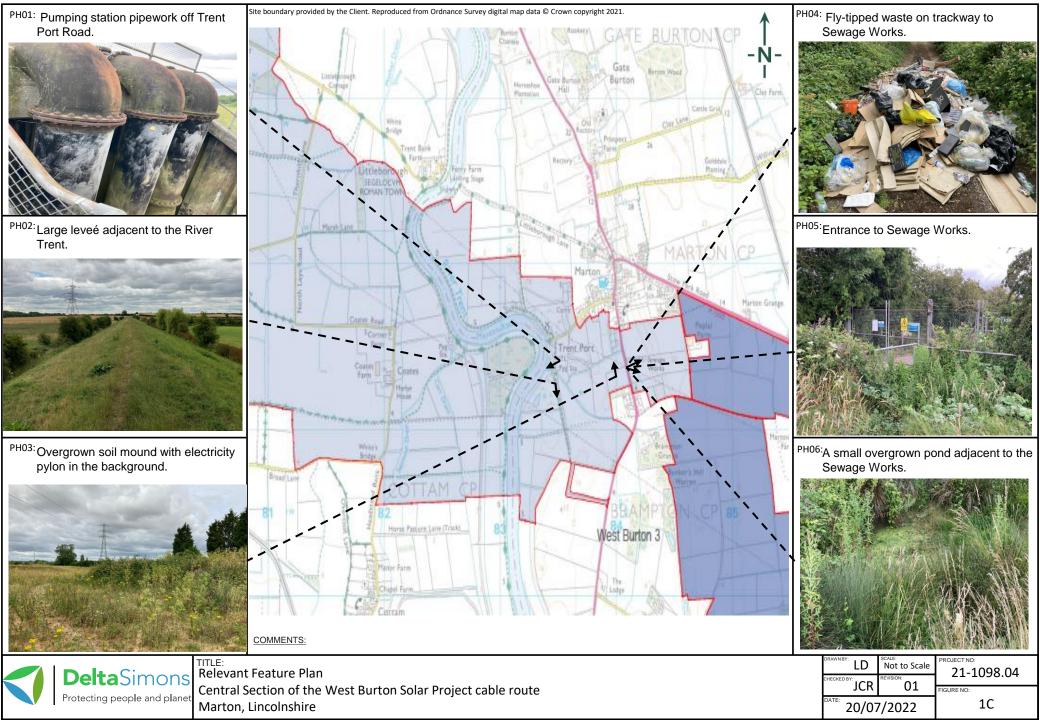
## Figure 2A-E - Relevant Feature Plan

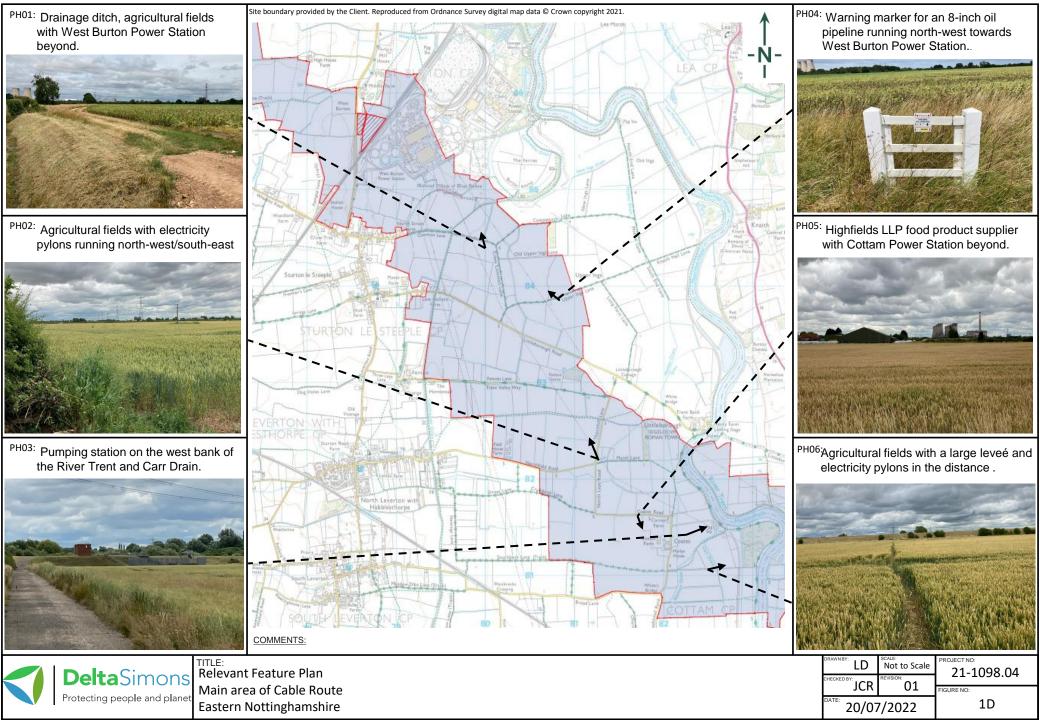


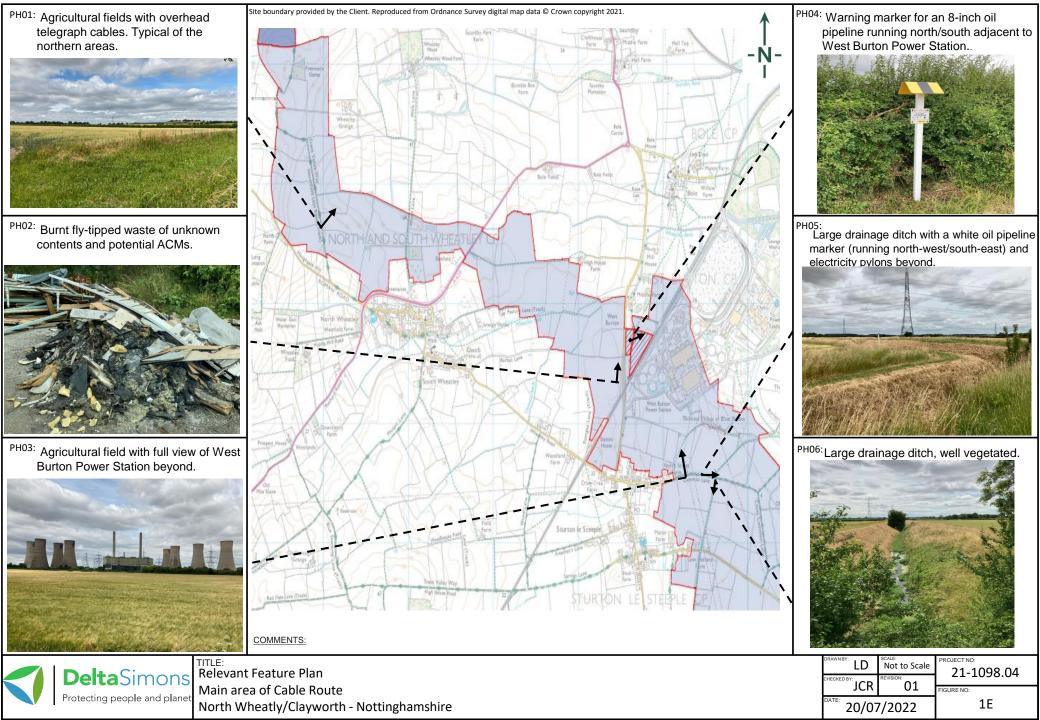












## **Drawings**

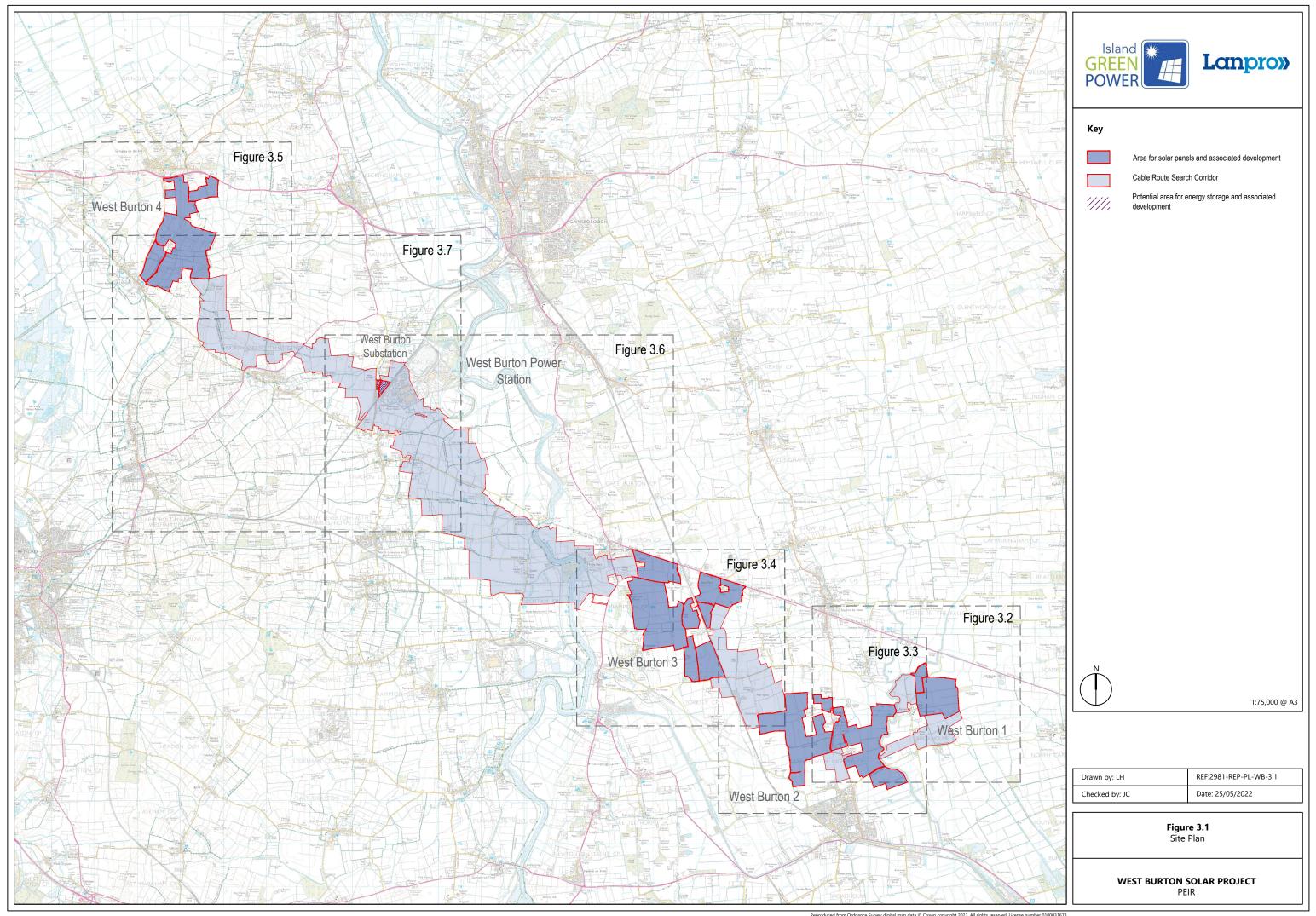


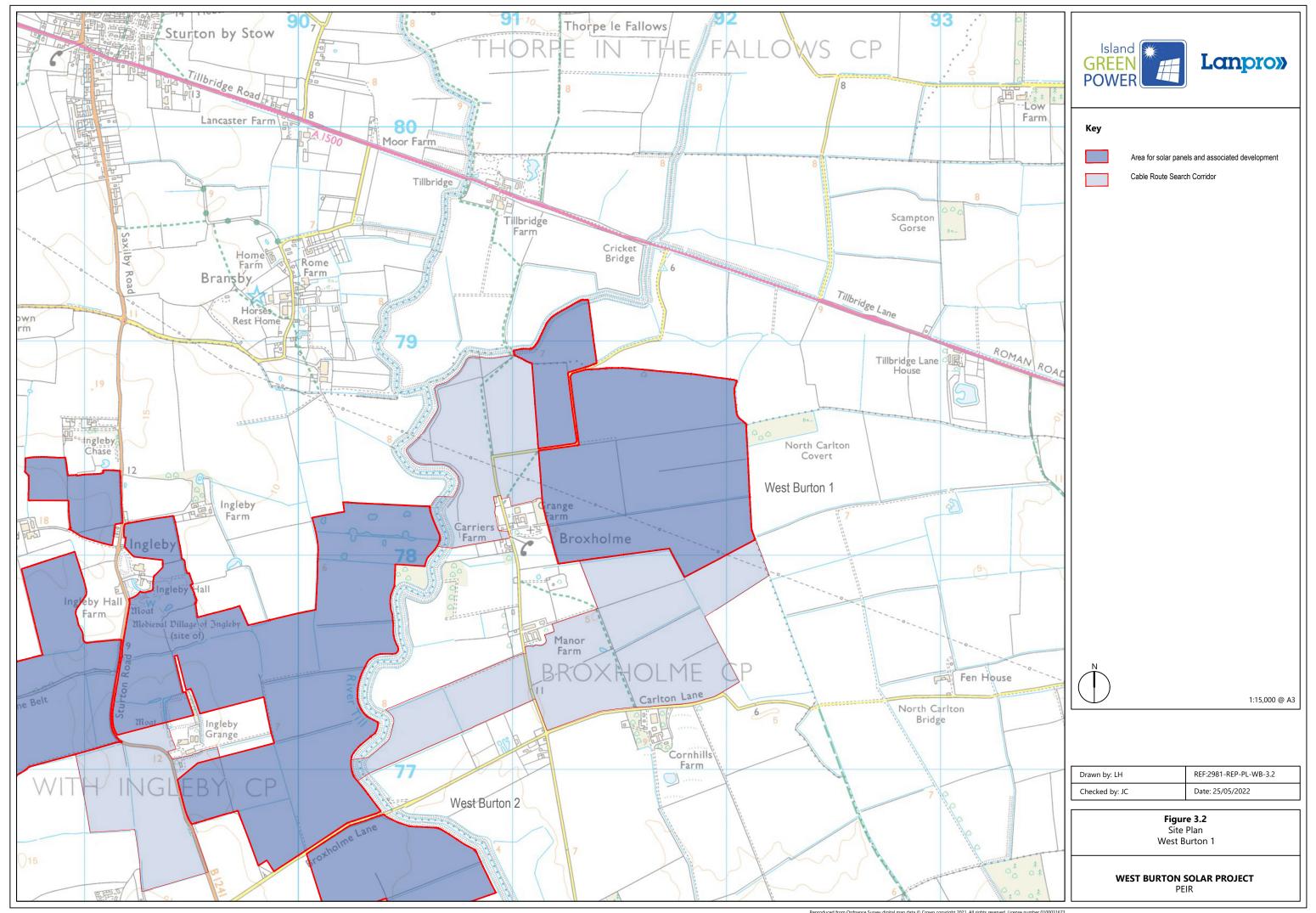


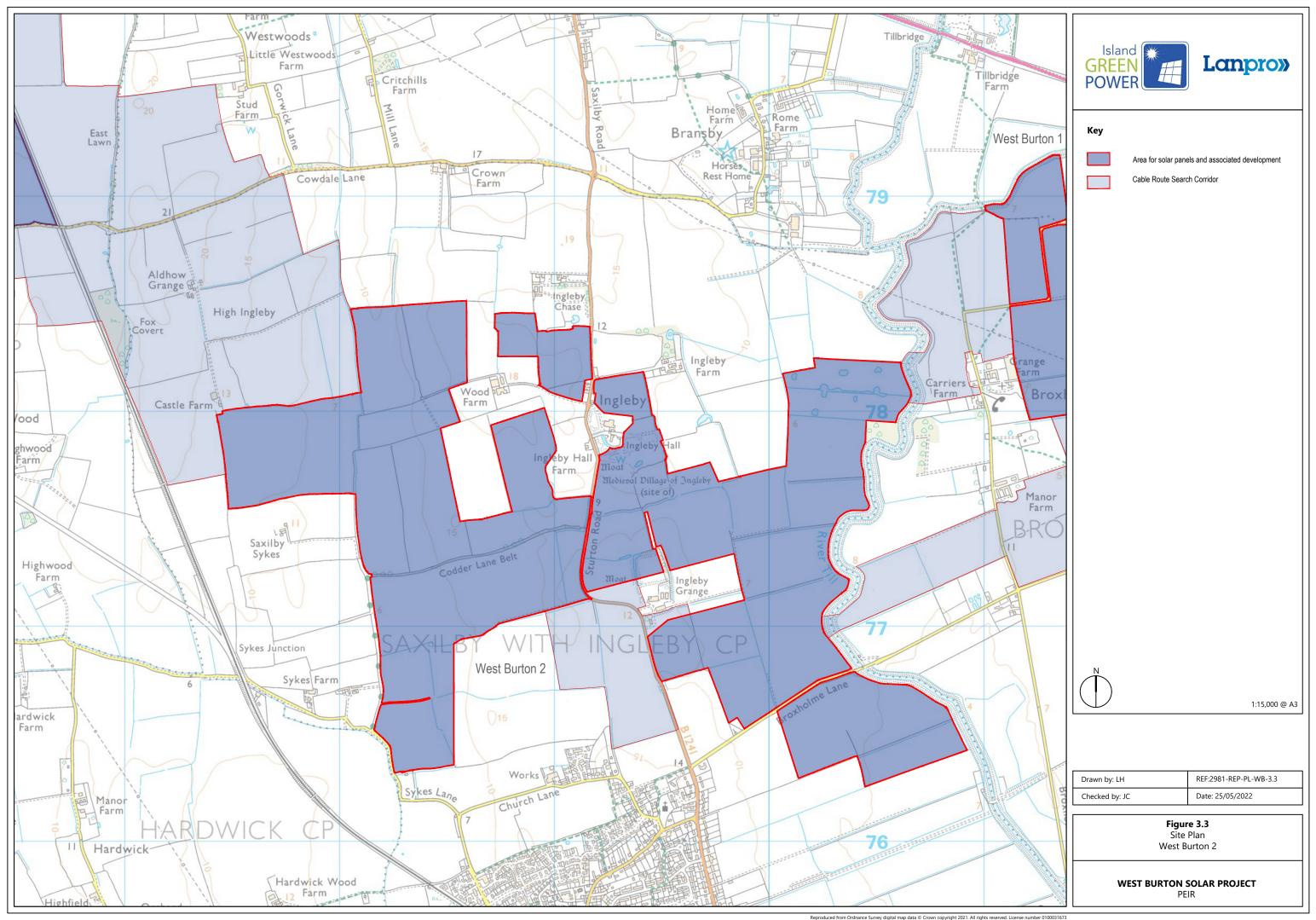
## **Drawing 1 - Cable Search Corridor**

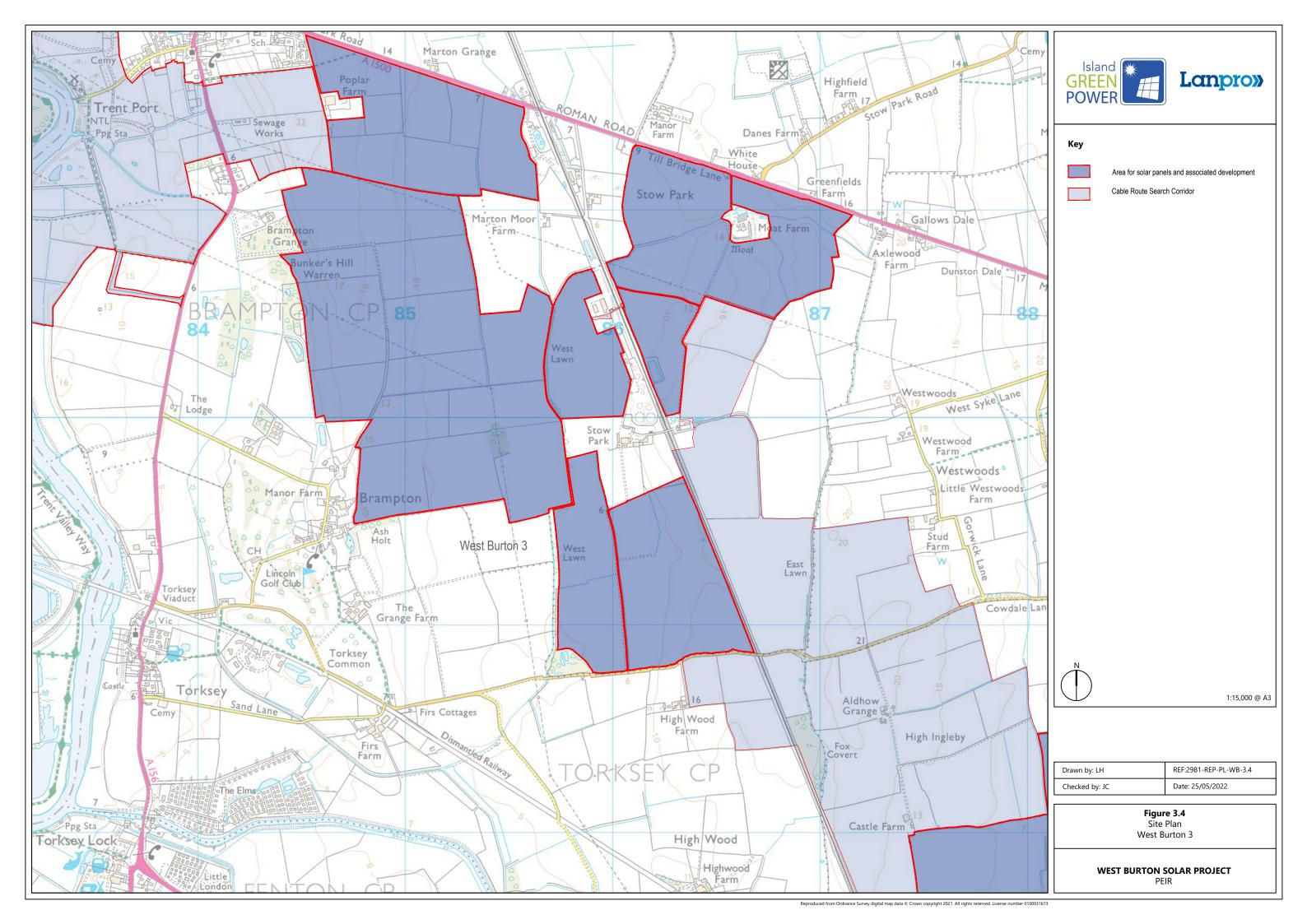


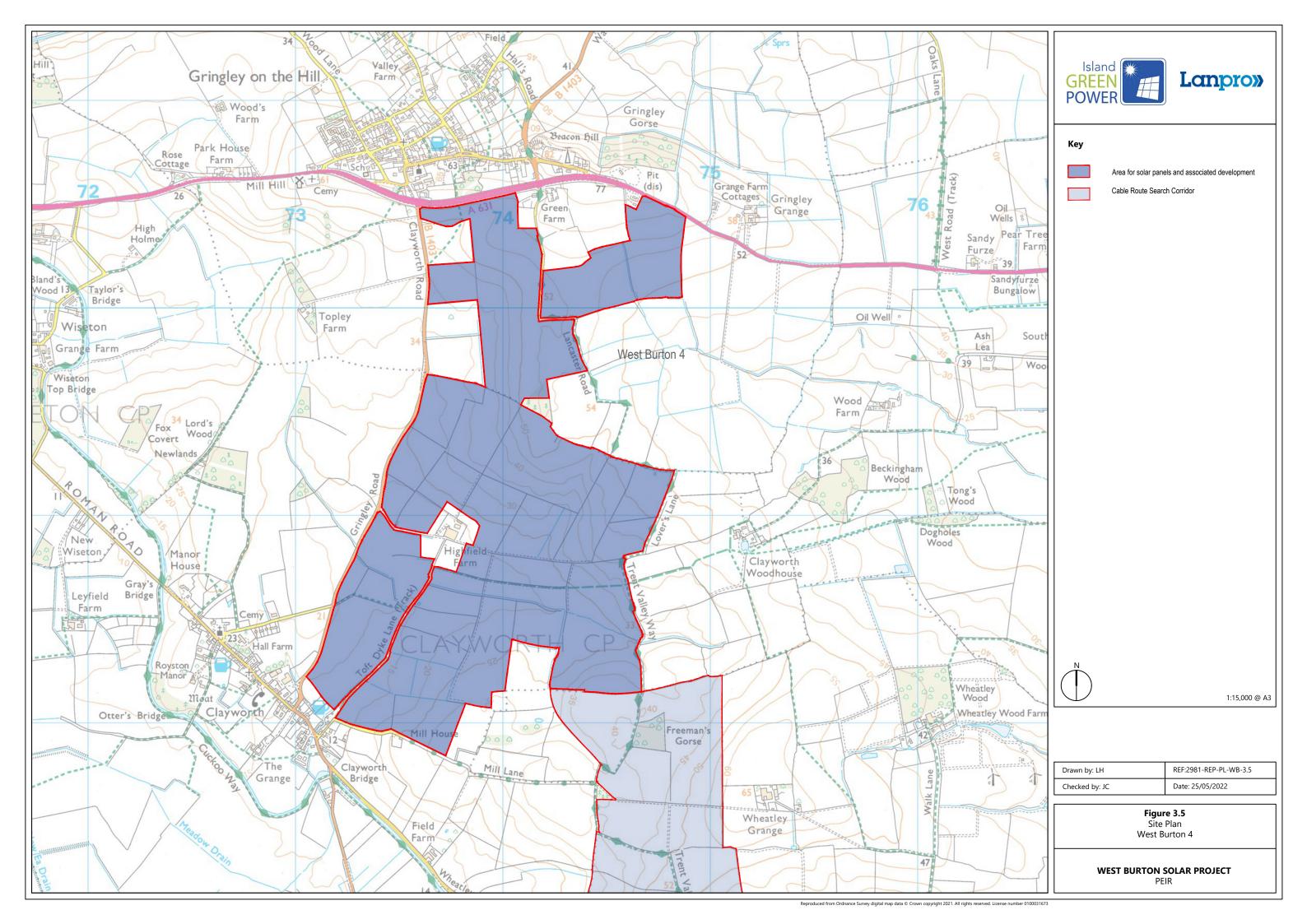


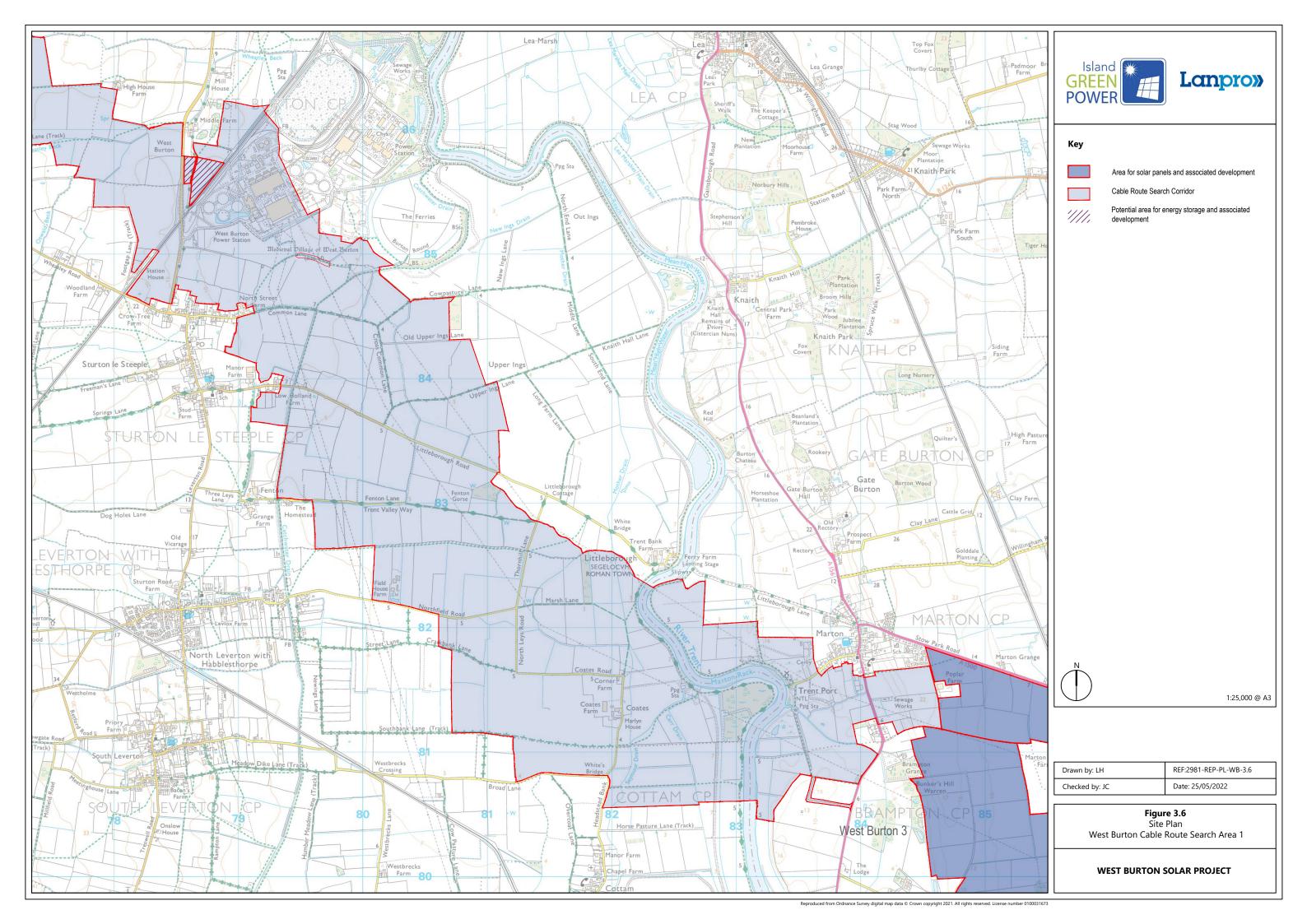


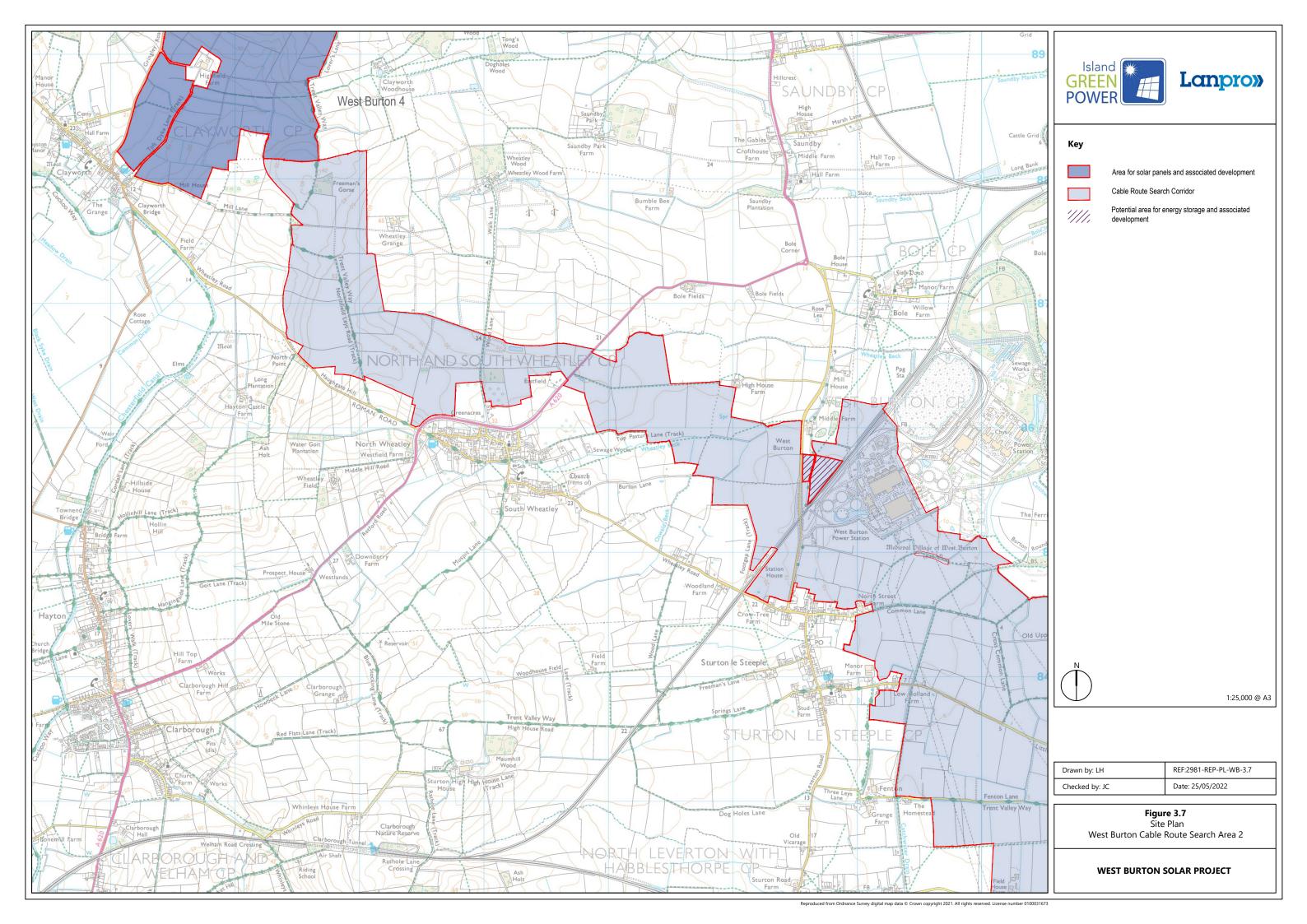












# **Appendices**





# **Appendix A - Limitations**





### Limitations

This Report was prepared by Delta-Simons Ltd (Delta-Simons) for the sole and exclusive use of the Client and for the specific purpose for which Delta-Simons was instructed. Nothing contained in this Report shall be construed to give any rights or benefits to anyone other than the Client and Delta-Simons, and all duties and responsibilities undertaken are for the sole and exclusive benefit of the Client and not for the benefit of any other party. Delta-Simons does not intend, without its written consent through a formal letter of reliance or warranty, for this Report to be disseminated to any party other than the named Client or to be used or relied upon by any party other than the named Client. Use of the Report by any other party is unauthorised and such use is at the sole risk of the user. Any party using or relying upon this Report, other than the Client, agrees by virtue of its use to indemnify and hold harmless Delta-Simons from and against all claims, losses and damages (of whatsoever nature and howsoever or whensoever arising), arising out of or resulting from the performance of the work by Delta-Simons. Unless explicitly agreed otherwise, in writing, this Report has been prepared under Delta-Simons' Standard Terms and Conditions as included within our proposal to the Client.

The recommendations contained within this Report represent Delta-Simons professional opinions, based upon the information detailed within the Report, exercising the reasonable skill and care to be expected of a professional consultant holding itself out as having the competence, experience and resources necessary for the purpose of carrying out similar work in scope and character to the services performed. The Report needs to be considered in the light of the proposal and associated limitations of scope. The Report needs to be read and considered in full and isolated sections cannot be used without full reference to other elements of the report and any previous works referenced within the Report.

Where Delta-Simons has obtained, reviewed and evaluated information in preparing this Report from the Client and others and Delta-Simons conclusions, opinions and recommendations has been reasonably determined using this information, Delta-Simons does not warrant the accuracy of the third-party information provided to it and cannot be responsible for any opinions which Delta-Simons has expressed, or conclusions which it has reached in reliance upon information which is subsequently proven to be inaccurate.

Site surveys document the conditions encountered at the time of survey only and conditions may change due to natural processes or human intervention. As such, surveys represent an assessment at a specific point in time and Delta-Simons cannot be responsible for adverse conditions which arise or become apparent after the time of the survey or for conditions which sit outside the scope for which the survey or Report was commissioned.

Where intrusive investigations have been completed, information, comments and opinions given in this report are based on the ground conditions encountered during the site work period and on the results of laboratory and field tests performed during the investigation. Ground conditions are inherently variable such that no investigation can be exhaustive to the extent that all adverse conditions are revealed. Conditions may therefore be present beneath the site that were not apparent in the data reviewed or obtained as part of this assessment. It should be noted that groundwater levels vary due to seasonal and other effects and may at times differ to those measured during the investigation. Delta-Simons does not warrant or guarantee that the Site is free of hazardous or potentially hazardous materials or conditions. Where risk assessment is undertaken, this is based upon the standards, guidance and common practice at the time of the assessment and Delta-Simons cannot be responsible for conditions which become apparent following changes in guidance or practice or advancements in scientific knowledge which change the position in relation to assessment of risk.

No aspect of this Report constitutes a design. Where this information is used in design, the designer should verify the information has been used appropriately.

Where budgets are prepared and presented within the Report, these are for information only to indicate the likely magnitude of a cost and do not represent an invitation to treat for the works. All budgets and programmes presented should be reviewed and verified by appropriately qualified and experienced independent Project Managers and Cost Consultants.





# **Appendix B - Data Sources**

In completing this Assessment, Delta-Simons has utilised the following data sources and third party information:

- Current and Historical Ordnance Survey (OS) maps;
- British Geological Survey (BGS) data;
- Environment Agency (EA) online data;
- Coal Authority (CA) online data;
- Landmark Envirocheck® Reports for the Site (Ref. 298001006\_1\_1 and 2981007\_1\_1), dated July 2022;
- Historical Maps included as part of the Envirocheck Report; and
- Information provided by West Lindsey District Council and Bassetlaw District Council.





# **Appendix C - Risk Definitions**





# **Contaminated Land Risk Definitions**

The following methodology is based on the methodology presented in CIRIA C552 Contaminated Land Risk Assessment: A Guide to Good Practice 2001. It requires the classification of the:

Magnitude of the potential consequence (severity) of the Risk occurring: and

Magnitude of the Probability (likelihood) of the Risk occurring.

The classifications are then compared to indicate the risk presented by each pollutant linkage.

#### Consequence to Receptor Definition Matrix

	Human Health	Controlled Waters	Buildings/Services
	Acute or chronic permanent	Sensitive controlled water pollution ongoing, or just about	Catastrophic collapse
Consequence	liuman neam	sensitive controlled water	Degradation of materials
Mild Consequence	lhuman haalth	controlled water	Damage to building rendering it unsafe.to occupy (e.g. foundation damage resulting in instability).
Minor Consequence	Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc).	Slight discoloration of water	Easily repairable effects of damage to buildings, structures and services, i.e. discoloration of concrete

#### **Probability Definitions**

Probability	Definition in Context
Higner	There is a pollution linkage and an event that either 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. Positive evidence of source, pathway and receptor.
Likely	There is a pollution linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term. Suspect source, pathway, and receptor
	There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place, and is less likely in the shorter term.
,	There is a pollution linkage but circumstances are such that it is improbable that an event would occur even in the very long term. No evidence of hazard, pathway, and receptor





#### Standard Risk Matrix

		Consequence/Magnitude of impact				
		Severe Medium Mild				
>	High	Very High	High	Moderate	Moderate/Low	
Probability	Likely	High	Moderate	Moderate/low	Low	
roba	Low Likelihood	Moderate	Moderate/low	Low	Very Low	
	Unlikely	Moderate/low	Low	Very Low	Very Low	

# Classified Risks and Likely Action

Significance Level	Definition/Comments
Very High Risk	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening.  This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.  Demonstrable contaminated land situation, highest threat & liability level, urgent action recommended.
High Risk	Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the longer term. Likely contaminated land situation, risk assessment and action recommended.
Moderate	It is possible that harm could arise to a designated receptor from an identified hazard. However, if is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild.  Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term.  Plausible contaminated land situation, risk assessment and possible action recommended.
Low Risk	It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild. Unlikely contaminated land situation, possible risk assessment and possible action.
Very Low Risk	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.  Negligible risk, no action recommended except vigilance for changes in conditions.





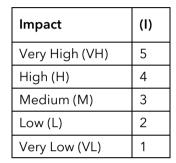
#### **Geotechnical Risk Classification**

The geohazards listed in the report within Section 4 follow guidance presented in Clayton, C.R.I. (2001) *Managing Geotechnical Risk*, Thomas Telford and the Highways Agency document CD622 'Managing Geotechnical Risk' (2008) which aims to identify and manage the geotechnical risks associated with a scheme throughout its lifespan, from planning to construction to maintenance.

For each geohazard the probability of the hazard occurring (P) has been considered together with the impact it would have (I) if it were to happen to calculate the risk rating between 1 and 25.

Risks that fall within Moderate, Significant and Severe categories below are considered to be *substantial* and are therefore listed within the report.

Probability	(P)
Very Likely (VLk)	5
Likely (Lk)	4
Plausible (P)	3
Unlikely (U)	2
Very Unlikely (VU)	1



(R)	Risk
20 - 25	Severe
15 - 19	Substantial
10 - 14	Moderate
5 - 9	Minor
1 - 4	Negligible





# **Appendix D - Historical Maps**





# **Historical Mapping Legends**

### **Ordnance Survey County Series 1:10,560** Gravel Pit Other Orchard Mixed Wood Brushwood Deciduous Furze Rough Pasture Arrow denotes Trigonometrical flow of water Station Site of Antiquities Bench Mark Pump, Guide Post, Well, Spring, Signal Post Boundary Post ·285 Surface Level Sketched Instrumental Contour Contour Fenced Main Roads Minor Roads Un-Fenced Raised Road Sunken Road Railway over Road over Railway Ri∨er Railway over Level Crossing Road Road over Road over Road over County Boundary (Geographical) County & Civil Parish Boundary Administrative County & Civil Parish Boundary County Borough Boundary (England) Co. Boro. Bdy. County Burgh Boundary (Scotland) Co. Burgh Bdy.

Rural District Boundary

····· Civil Parish Boundary

R.D. Bdy.

### Ordnance Survey Plan 1:10,000

ولاستنام	Chalk Pit, Clay Pi		Gravel Pit
	Sand Pit	(	Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	. Dunes		Boulders
<b>弁                                    </b>	Coniferous Trees	400	Non-Coniferous Trees
<b>ቀ</b>	Orchard no_	Scrub	\Y₁₁ Coppice
ជ ជ ជ	Bracken	Heath	, , , , , , Rough Grassland
<u> </u>	- Marsh 、、、V///	Reeds	스 <u>노</u> Saltings
	Dire Building	ction of Flow o	f Water
	→ Glasshouse	*//	Sand
	Sloping Masonry	Pylon — — — — Pole — — • —	Electricity Transmission Line
	**************	nent	
••	•••••••		Waltiple Track
Road ' ' Under	''∏''' Road Lev Over Cros		
			Siding, Tramway or Mineral Line
	+ + + + + +		→ Narrow Gauge
	Geographical C	ounty	
	— — Administrative County of Cit		Borough
	Municipal Borou Burgh or Distric		Rural District,
	Borough, Burgh		nstituency h other boundaries
	Civil Parish Shown alternately	when coincidence	e of boundaries occurs
DD DO	Boundary Book Ot-	D-1 04-	Dalias Otation
BP, BS Ch	Boundary Post or Stone Church	Pol Sta PO	Police Station Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP MP	Guide Post Mile Post	TCB TCP	Telephone Call Box Telephone Call Post
ME	Mile Post	TCP W	Mell

### 1:10,000 Raster Mapping

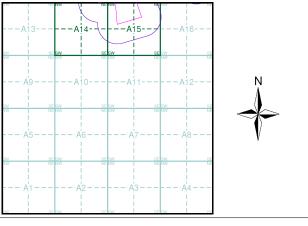
	Gravel Pit		Refuse tip or slag heap
	Rock	3 3	Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle	Mud	Mud
Sand	Sand		Sand Pit
mmn*	Slopes		Top of cliff
	General detail		Underground detail
	- Overhead detail	<del></del>	Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only) District, Unitary,	• • • • •	Civil, parish or community boundary
	Metropolitan, London Borough boundary		Constituency boundary
۵ <sup>۵</sup>	Area of wooded vegetation	۵ <sup>۵</sup> ۵	Non-coniferous trees
$\Diamond$	Non-coniferous trees (scattered)	** **	Coniferous trees
*	Coniferous	<u>۾</u>	Positioned
*	trees (scattered)	515	tree
	trees (scattered) Orchard	₹' <b>₹</b> '	Coppice or Osiers
<b>↑</b> ⇔ ⇔	,	¥	Coppice
\$ \$ \$ \$ \$ \$ \$ \$	Orchard Rough	¥	Coppice or Osiers
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Orchard Rough Grassland	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Coppice or Osiers Heath Marsh, Salt
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Orchard  Rough Grassland  Scrub	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Coppice or Osiers Heath Marsh, Salt Marsh or Reeds
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Orchard  Rough Grassland  Scrub  Water feature  Mean high	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Coppice or Osiers Heath Marsh, Salt Marsh or Reeds Flow arrows Mean low
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Orchard  Rough Grassland  Scrub  Water feature  Mean high water (springs)  Telephone line	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Coppice or Osiers  Heath  Marsh, Salt Marsh or Reeds  Flow arrows  Mean low water (springs)  Electricity transmission line
↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑	Orchard  Rough Grassland  Scrub  Water feature  Mean high water (springs)  Telephone line (where shown)  Bench mark	MLW(S)	Coppice or Osiers  Heath  Marsh, Salt Marsh or Reeds  Flow arrows  Mean low water (springs)  Electricity transmission line (with poles)  Triangulation
↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑	Orchard  Rough Grassland  Scrub  Water feature  Mean high water (springs)  Telephone line (where shown)  Bench mark (where shown)  Point feature (e.g. Guide Post	₩	Coppice or Osiers  Heath  Marsh, Salt Marsh or Reeds  Flow arrows  Mean low water (springs)  Electricity transmission line (with poles)  Triangulation station  Pylon, flare stack



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:10,560	1885	2
Nottinghamshire	1:10,560	1900	3
Lincolnshire	1:10,560	1906	4
Lincolnshire	1:10,560	1922	5
Lincolnshire	1:10,560	1922	6
Lincolnshire	1:10,560	1938	7
Lincolnshire	1:10,560	1950	8
Ordnance Survey Plan	1:10,000	1956	9
Ordnance Survey Plan	1:10,000	1976 - 1979	10
Ordnance Survey Plan	1:10,000	1981	11
Ordnance Survey Plan	1:10,000	1990	12
10K Raster Mapping	1:10,000	2000	13
Street View	Variable		14

### **Historical Map - Slice A**



#### **Order Details**

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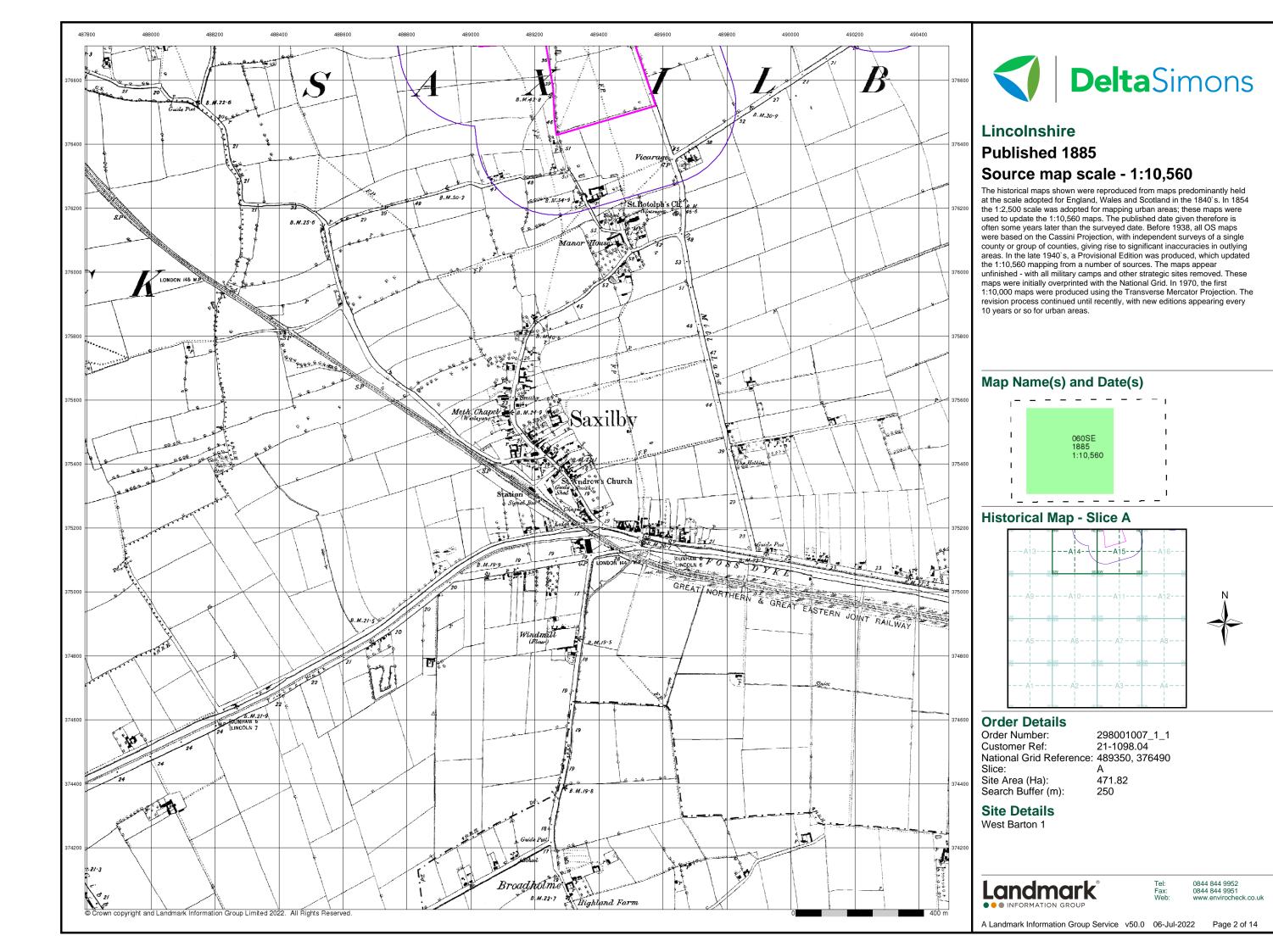
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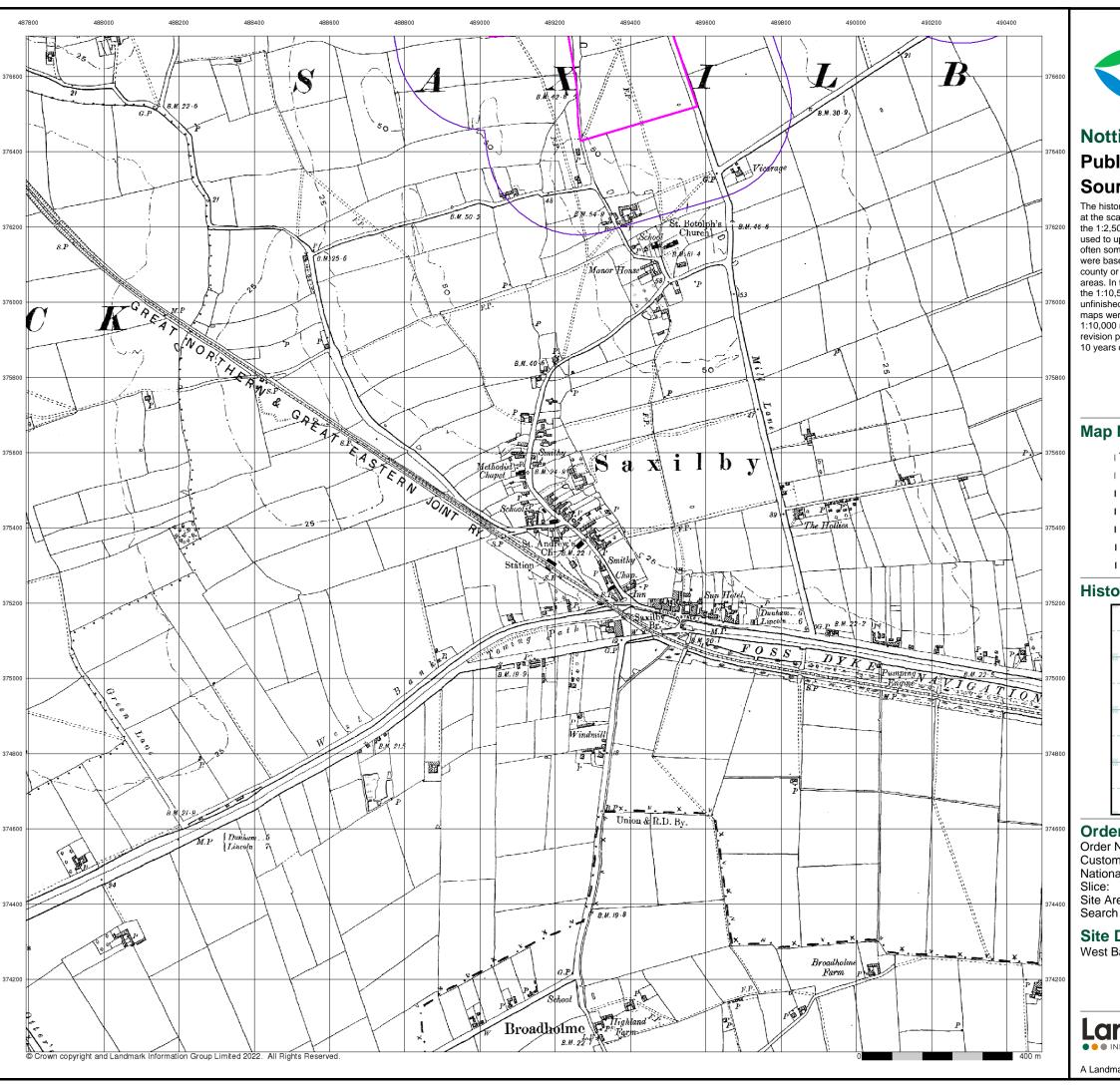
West Barton 1



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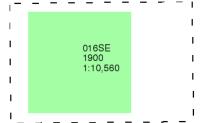




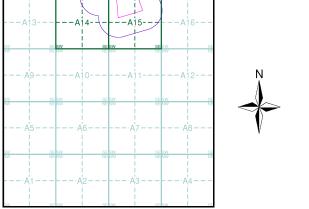
# **Nottinghamshire Published 1900** Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

#### Map Name(s) and Date(s)



#### **Historical Map - Slice A**



#### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 489350, 376490

Site Area (Ha): Search Buffer (m): 471.82

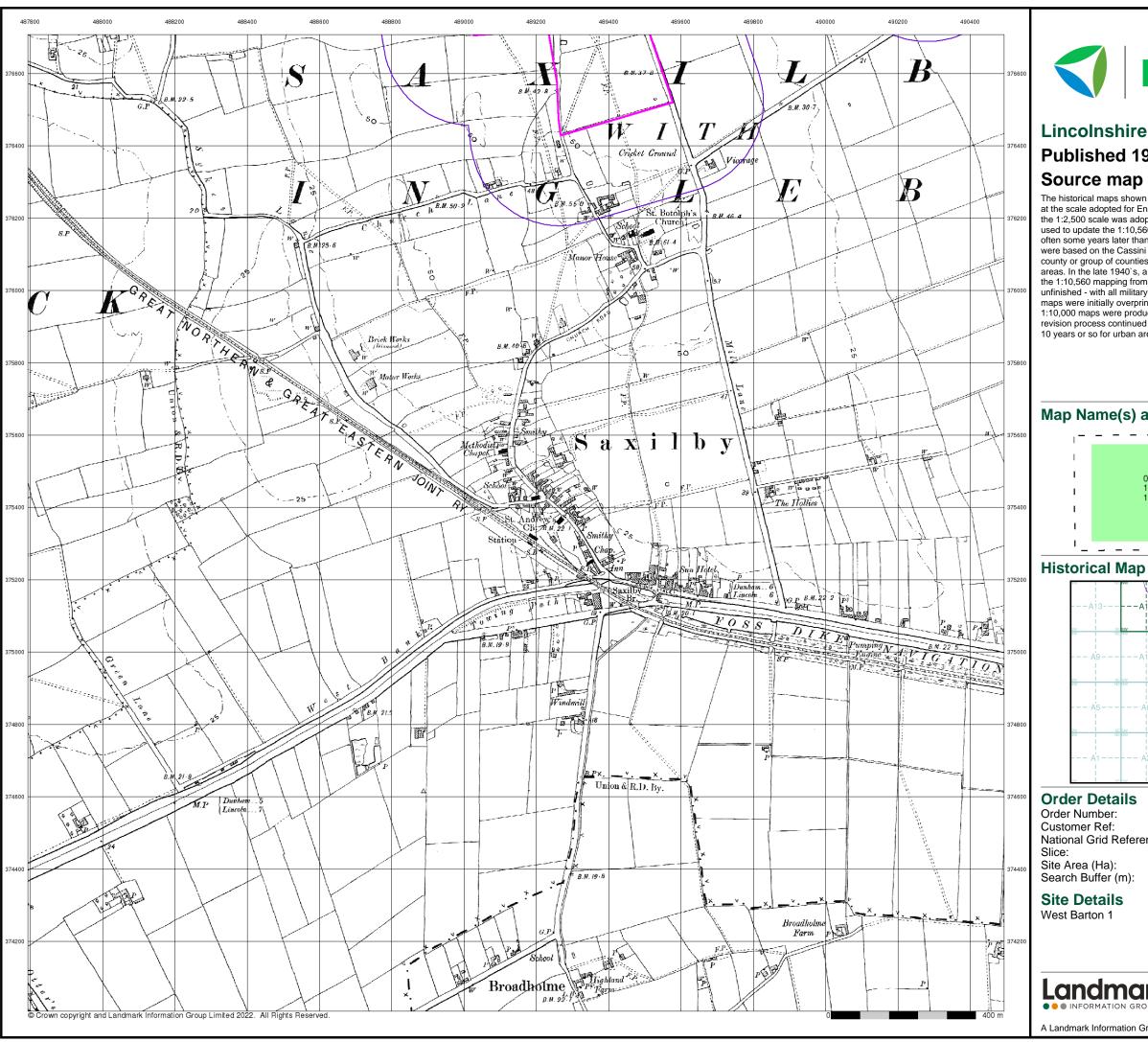
**Site Details** 

West Barton 1

Landmark

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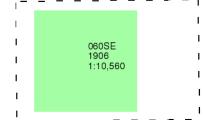


# **Published 1906**

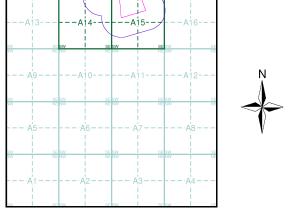
## Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

## Map Name(s) and Date(s)



#### **Historical Map - Slice A**



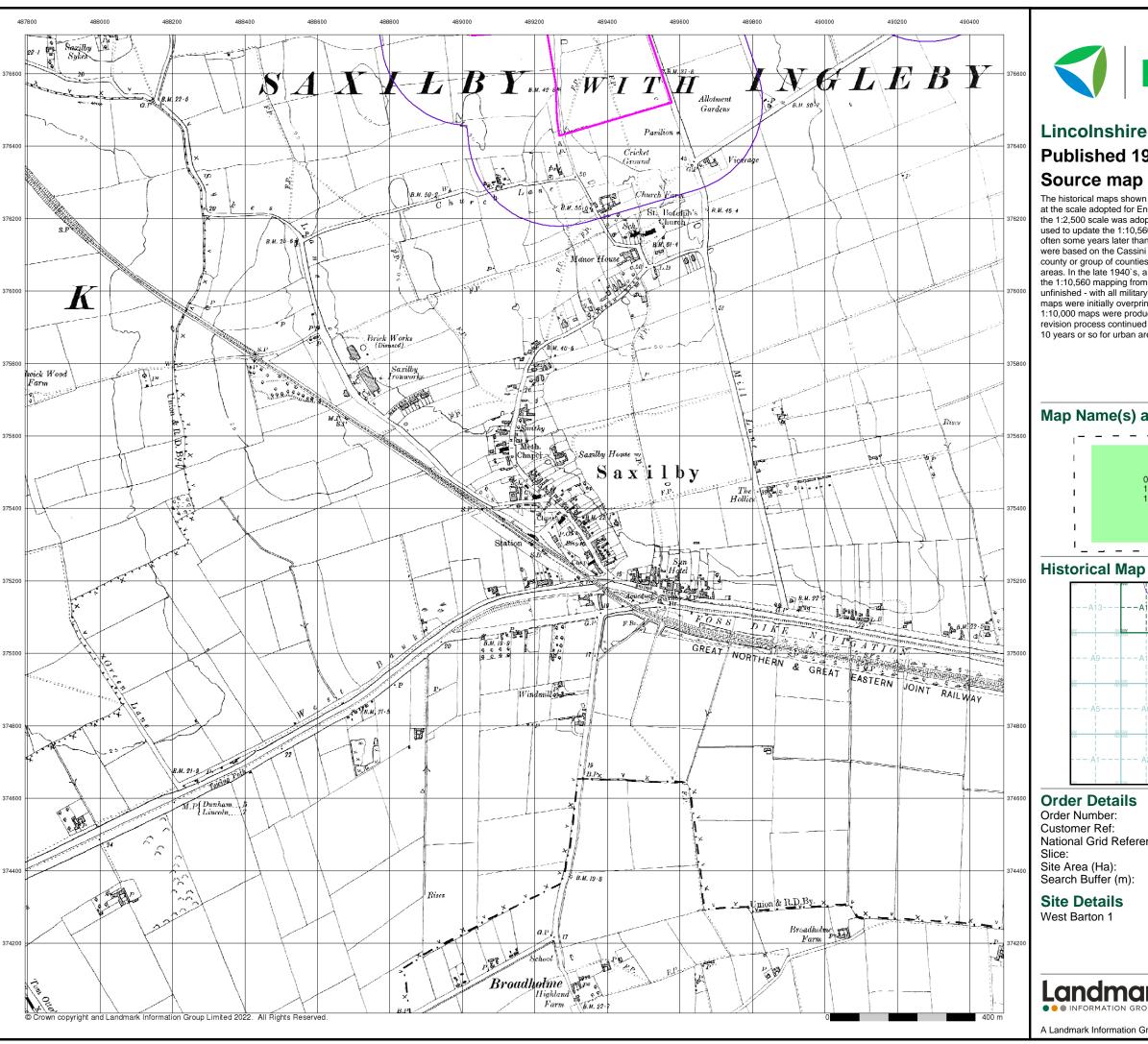
298001007\_1\_1 21-1098.04 National Grid Reference: 489350, 376490

471.82

Landmark

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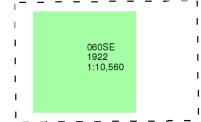


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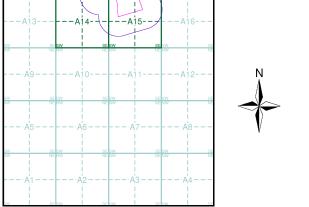
## Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

## Map Name(s) and Date(s)



#### **Historical Map - Slice A**



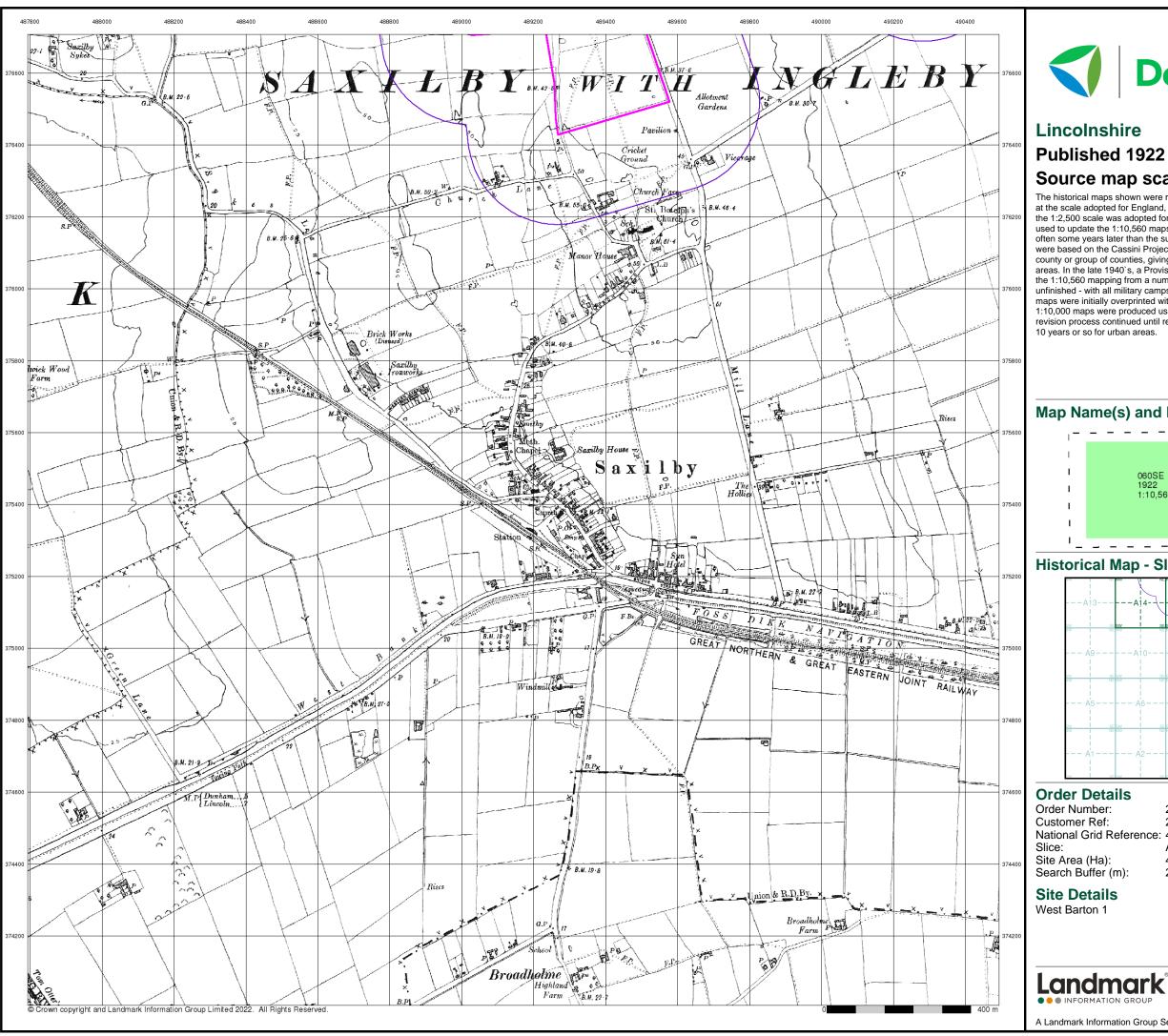
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> 471.82 250



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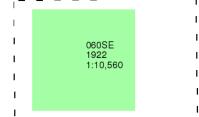




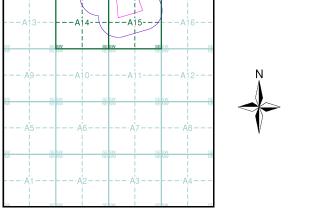
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every

## Map Name(s) and Date(s)



#### **Historical Map - Slice A**

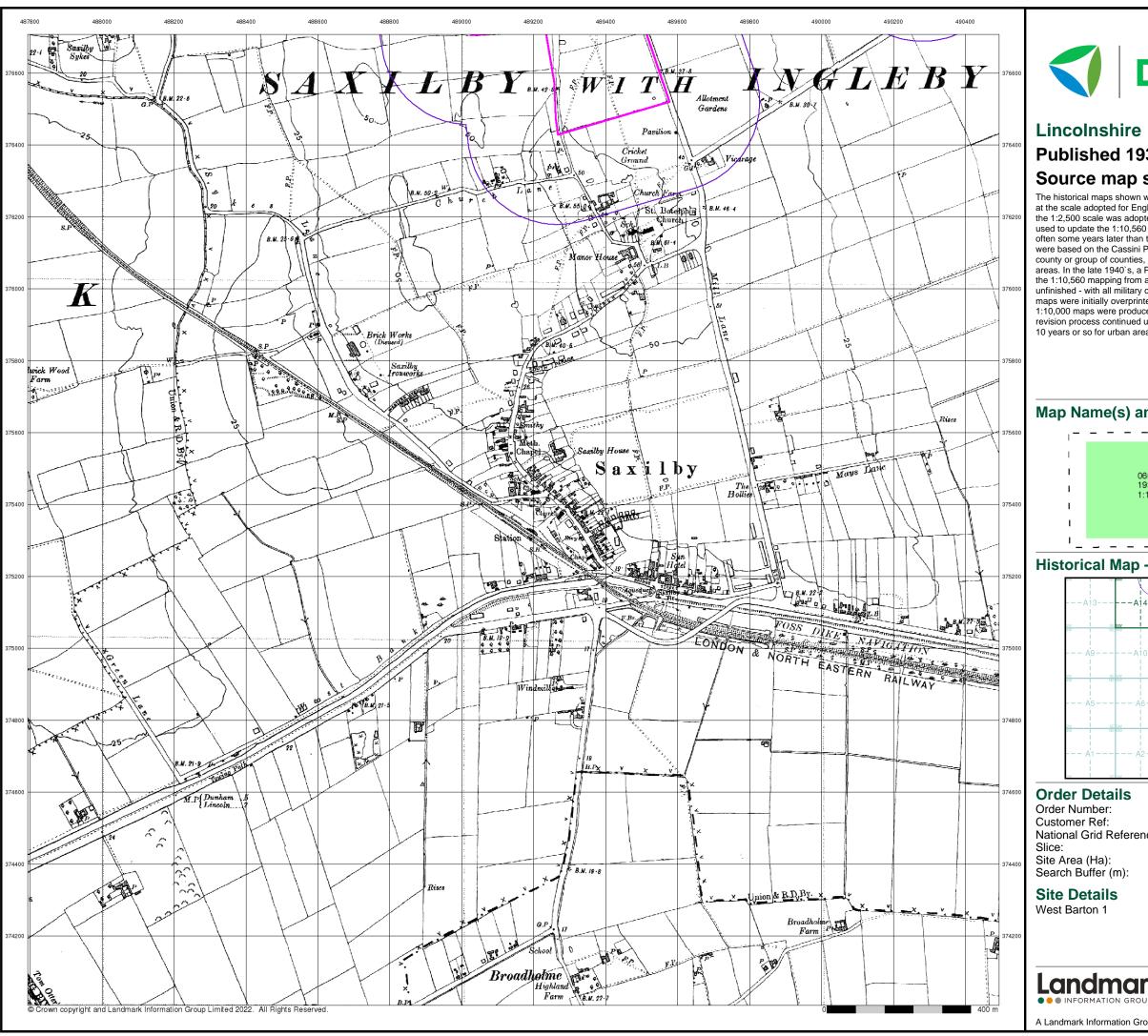


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471.82

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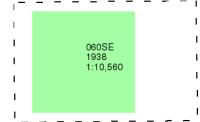


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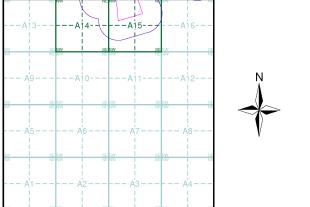
# Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

## Map Name(s) and Date(s)



#### **Historical Map - Slice A**



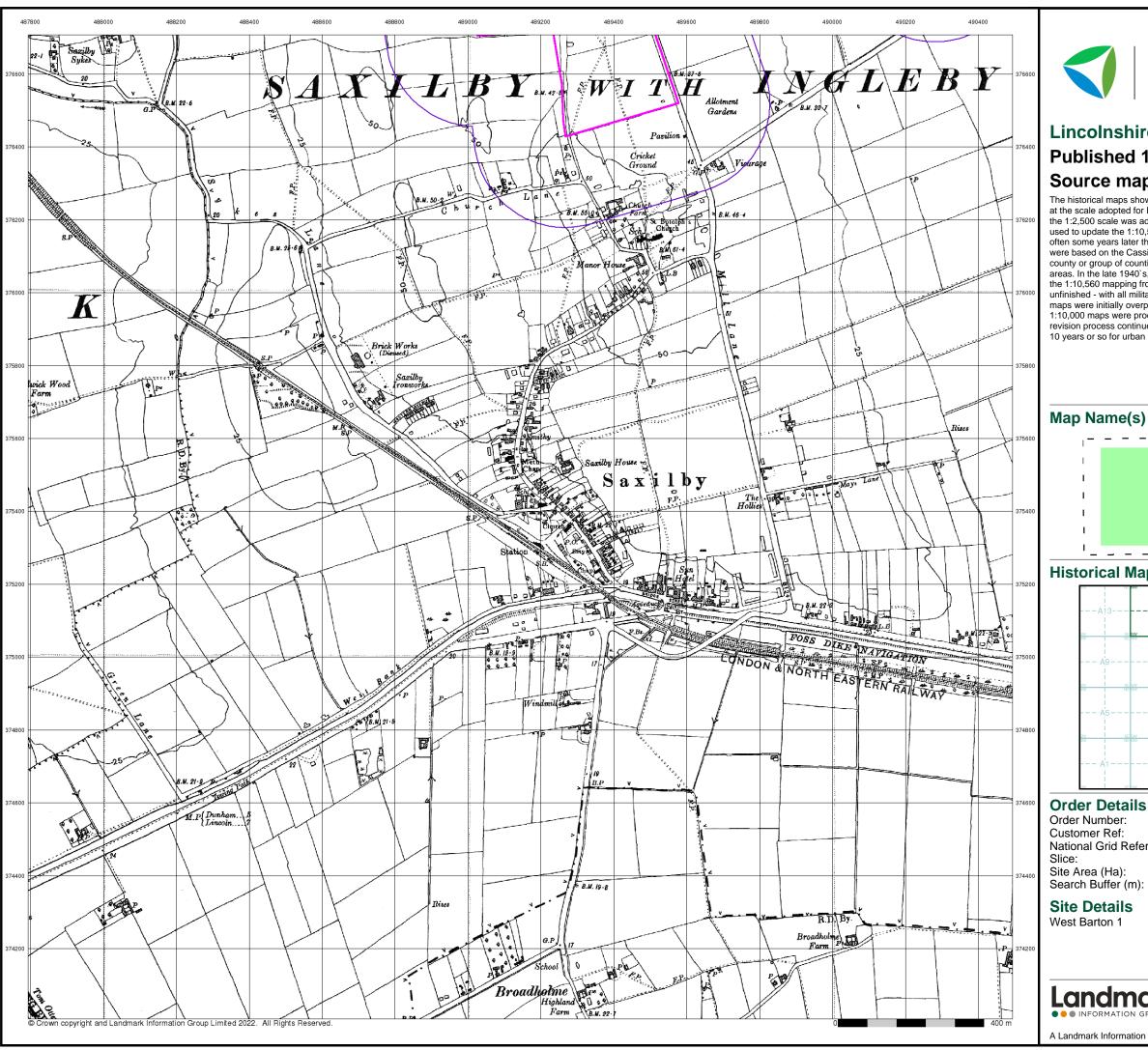
298001007\_1\_1 21-1098.04 National Grid Reference: 489350, 376490

471.82

Landmark

0844 844 9951 www.envirocheck.co.uk

A Landmark Information Group Service v50.0 06-Jul-2022 Page 7 of 14





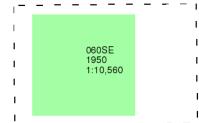
#### Lincolnshire

# Published 1950

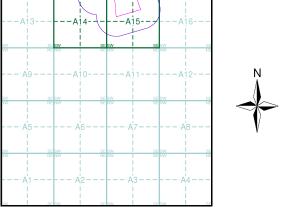
# Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

#### Map Name(s) and Date(s)



#### **Historical Map - Slice A**



#### **Order Details**

298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 489350, 376490

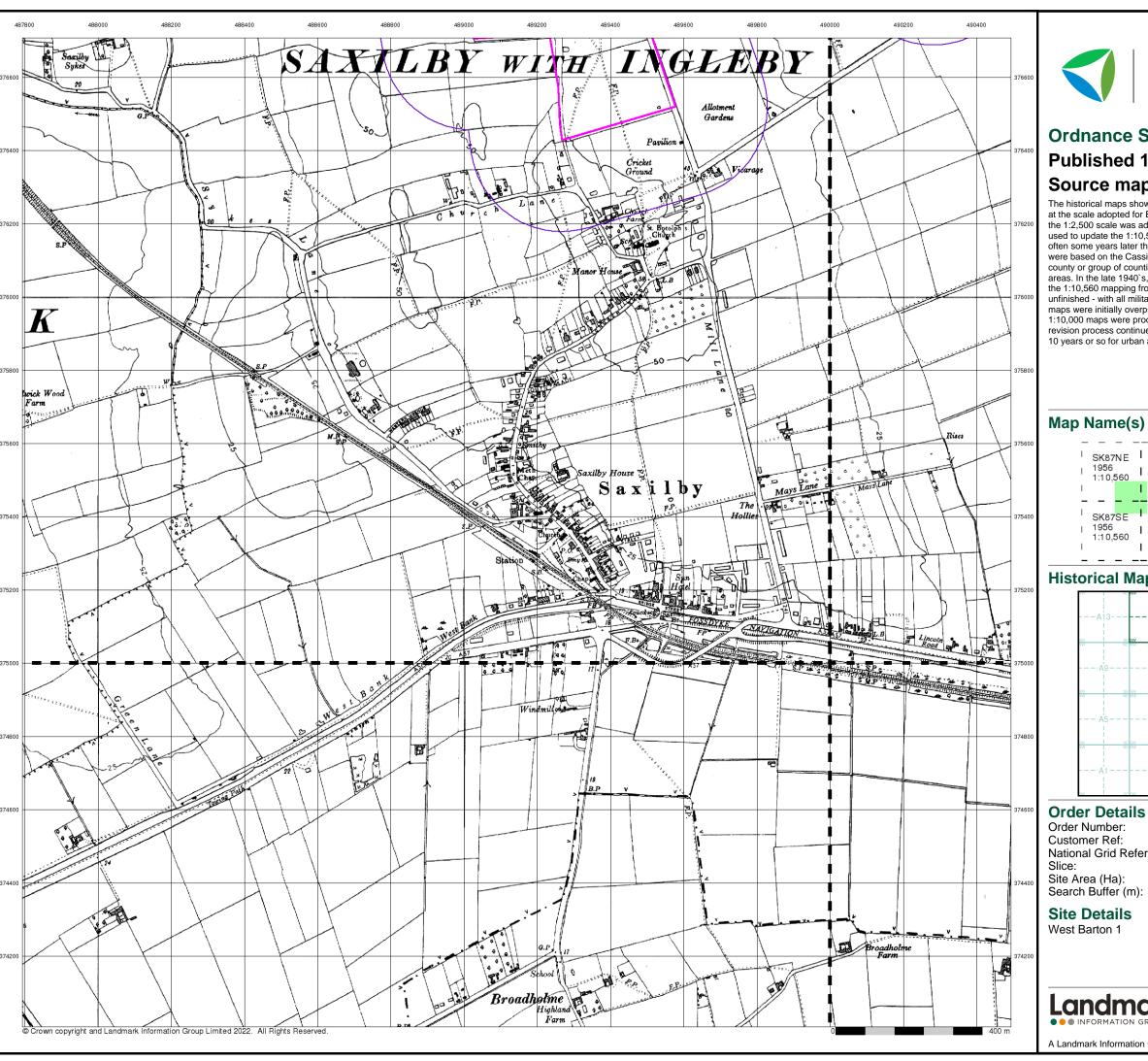
471.82

## **Site Details**

Landmark

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A Landmark Information Group Service v50.0 06-Jul-2022 Page 8 of 14





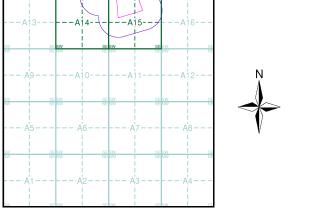
# **Ordnance Survey Plan Published 1956** Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

#### Map Name(s) and Date(s)

 	SK87 1956 1:10,		1	SK97NW 1956 1:10,560	1
-	_ SK87	- SE	<u>'</u>	 SK97SW	- - 1
I I	1956 1:10,	560	1 1	1956 1:10,560	ı

#### **Historical Map - Slice A**



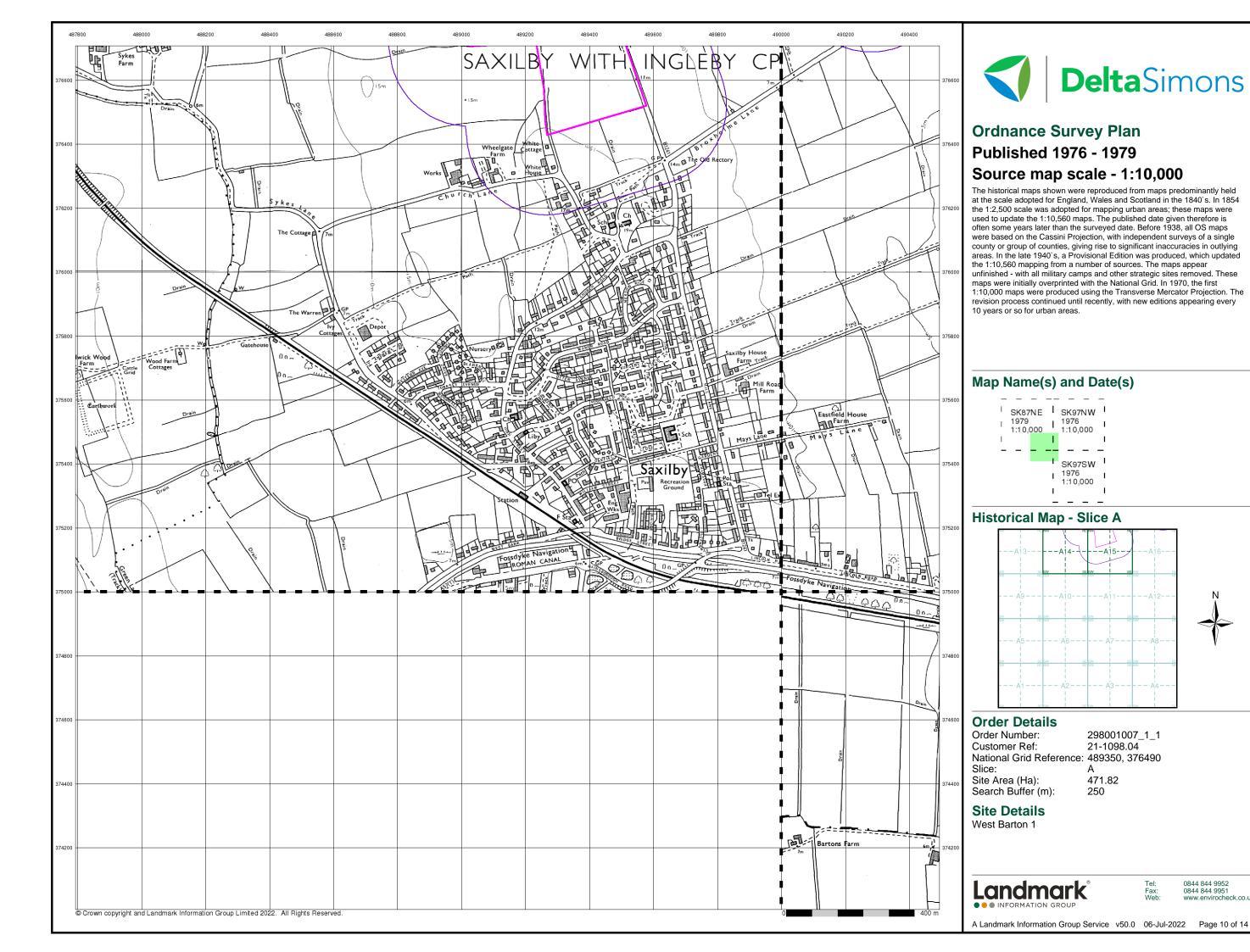
298001007\_1\_1 21-1098.04 National Grid Reference: 489350, 376490

471.82

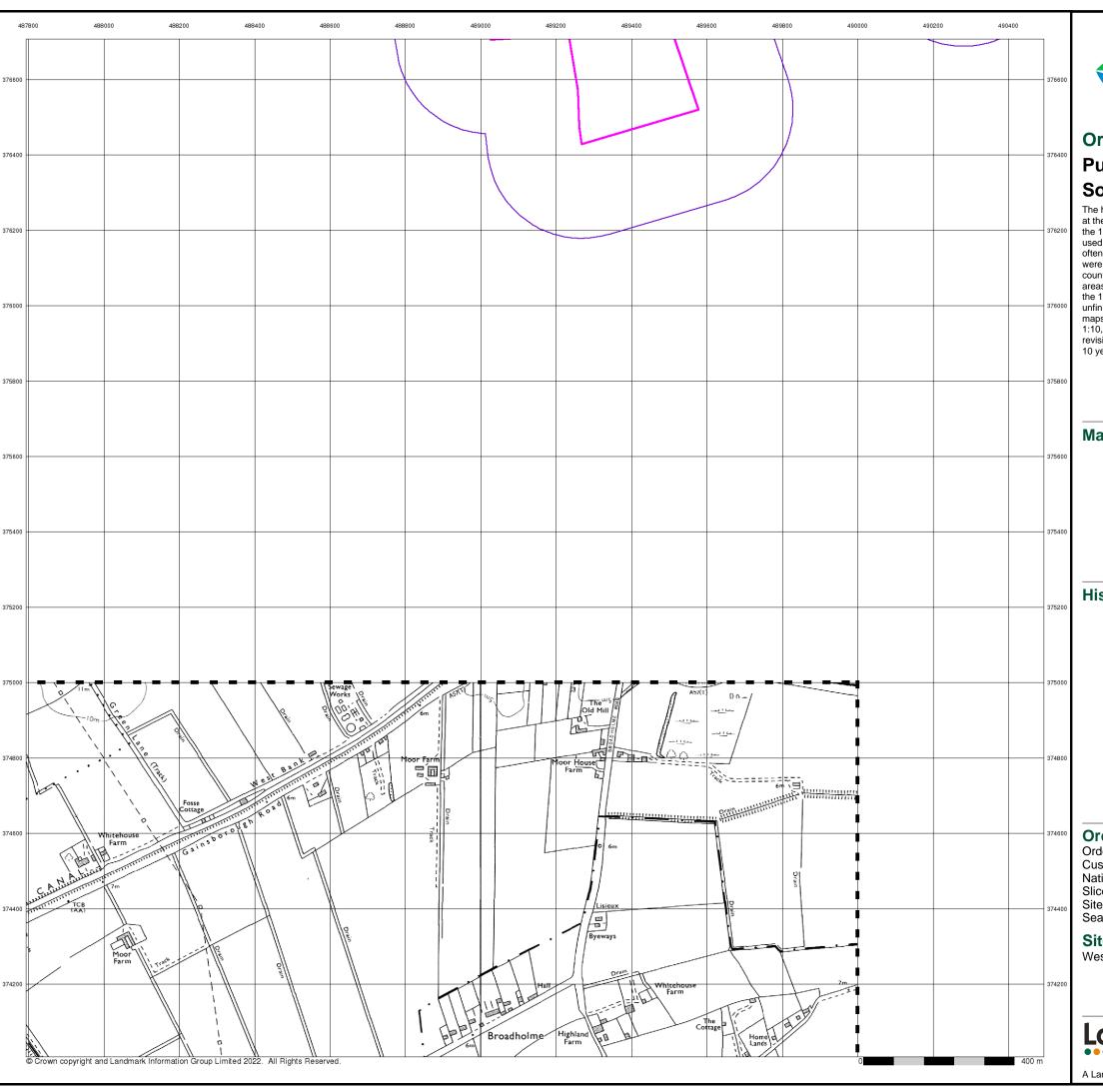


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0844 844 9951 www.envirocheck.co.uk

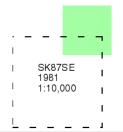




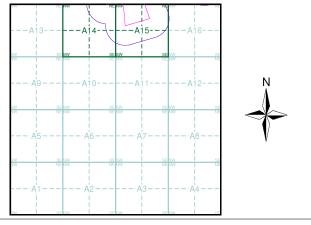
# **Ordnance Survey Plan Published 1981** Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

#### Map Name(s) and Date(s)



#### **Historical Map - Slice A**



#### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 489350, 376490 Slice:

Site Area (Ha): Search Buffer (m): 471.82

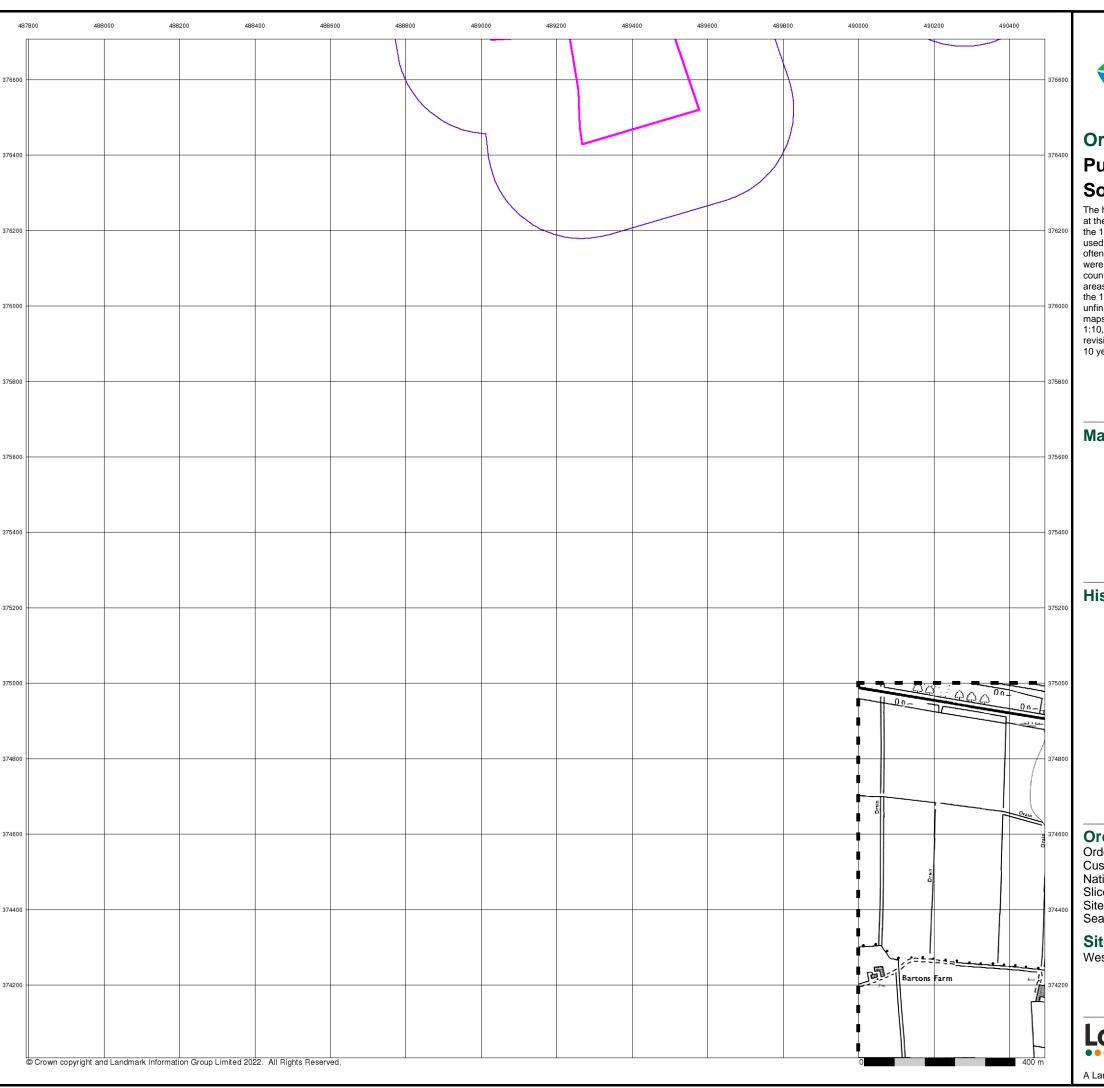
## **Site Details**

West Barton 1



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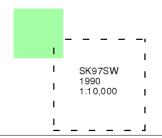




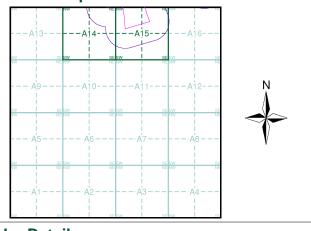
# **Ordnance Survey Plan** Published 1990 Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

#### Map Name(s) and Date(s)



#### **Historical Map - Slice A**



#### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 489350, 376490 Slice:

Site Area (Ha): Search Buffer (m): 471.82

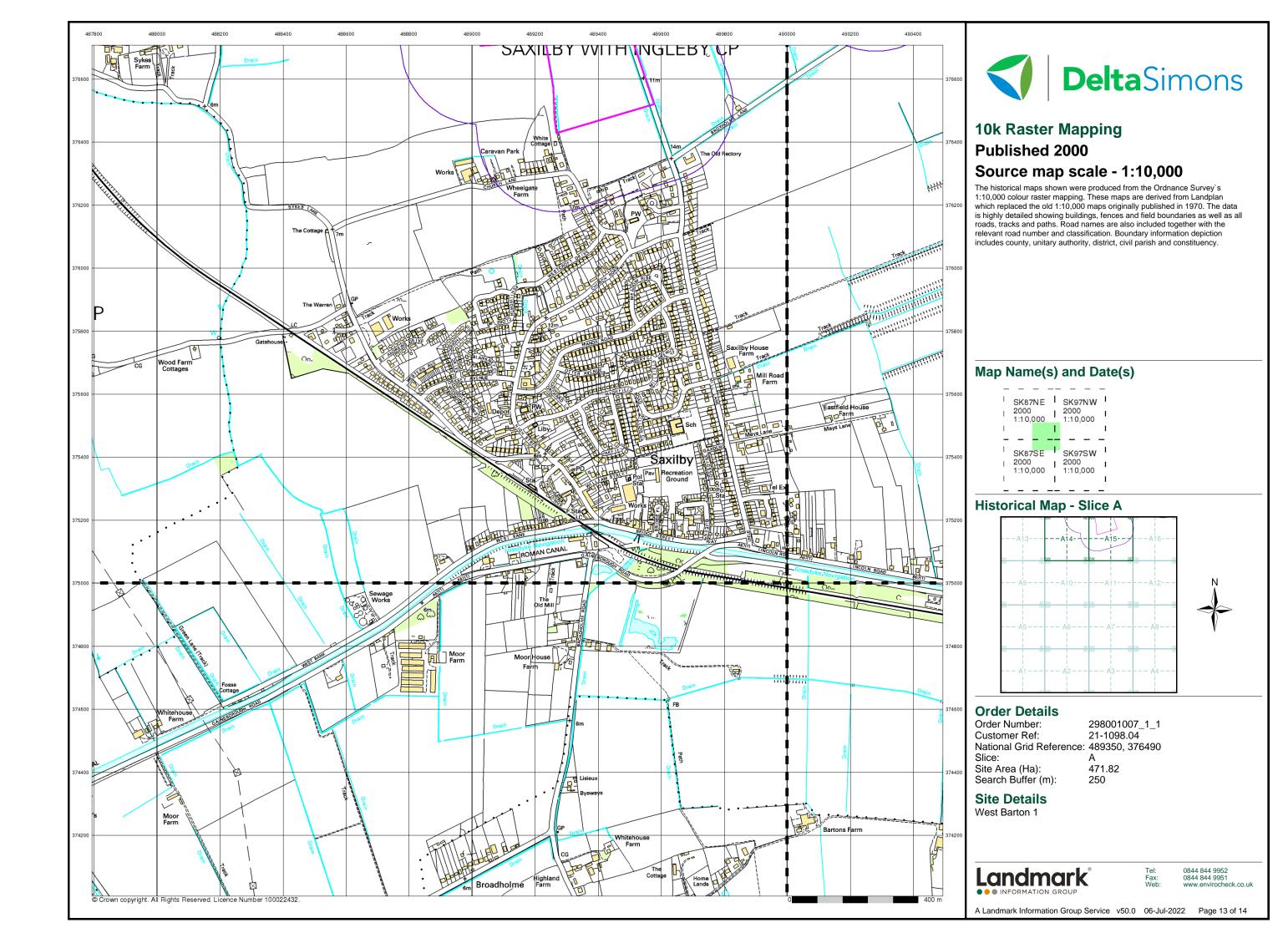
# **Site Details**

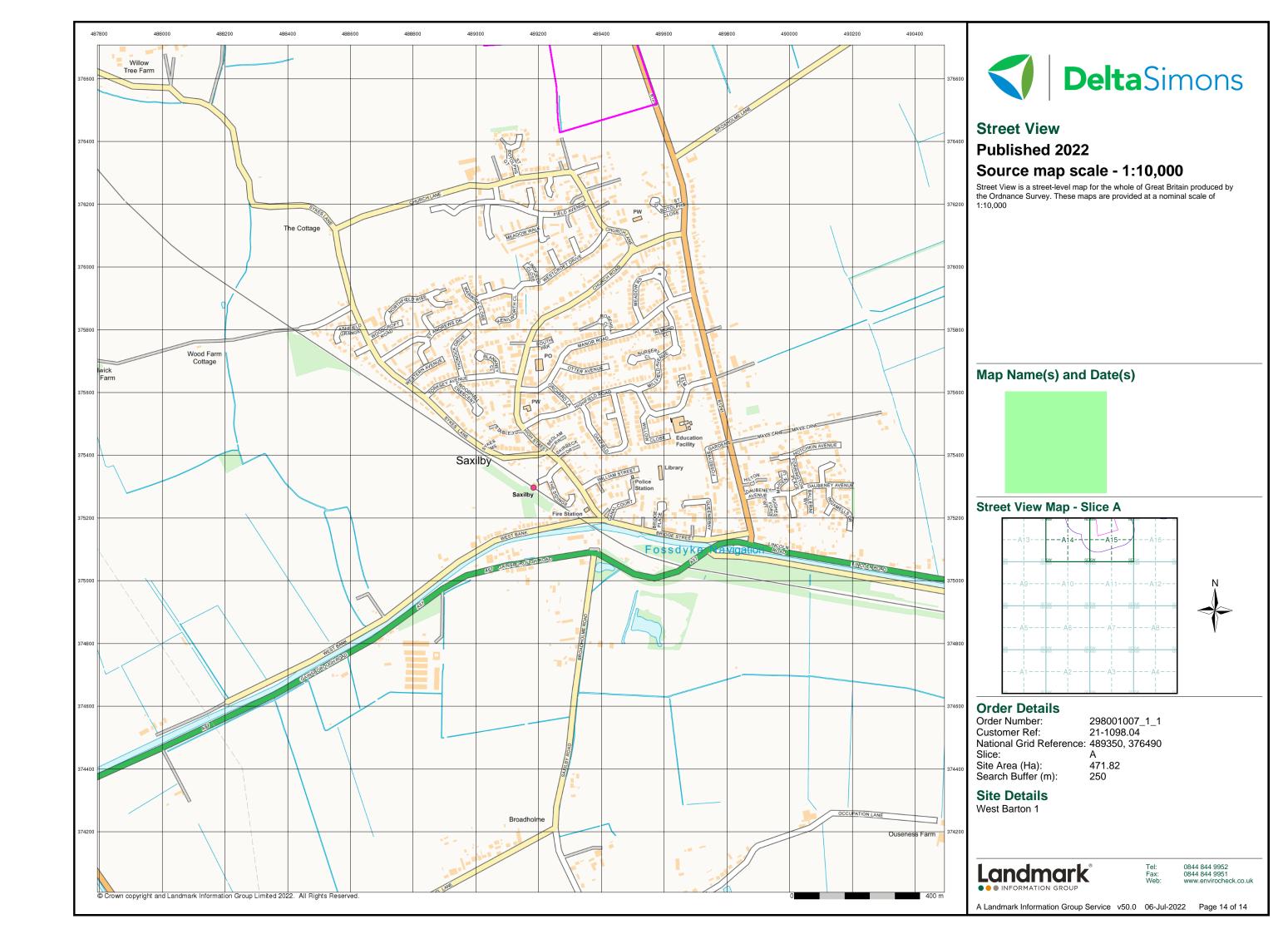
West Barton 1



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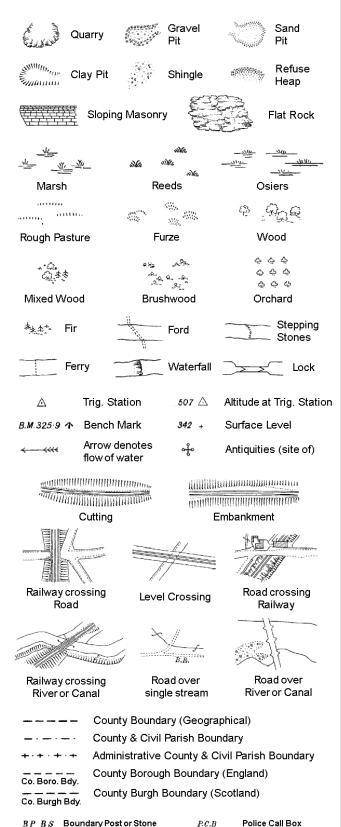
A Landmark Information Group Service v50.0 06-Jul-2022 Page 12 of 14





# **Historical Mapping Legends**

#### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



Pump

Sluice

Spring

Trough

Well

Signal Post

Telephone Call Box

S.P

T.C.B

Sl.

Tr:

B.R.

EP

F.B.

M.S

Bridle Road

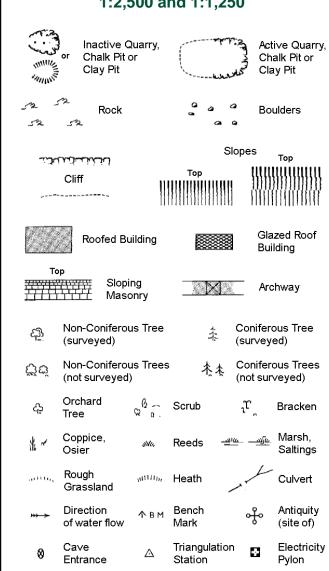
Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

# **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



**Electricity Transmission Line** 

County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
EIP	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and 1:1,250

			Slo	pes	Ton
	للخنائد		Тор	1111111	Top 
(	Cliff	1111			!!!!!!!!!
,			HIMMONIA	1111111	11111111111
525	Rock		52	Rock (se	cattered)
	Boulders		₽	Boulders	s (scattered)
	Positioned	Boulder		Scree	
(월	Non-Conif (surveyed	erous Tree )	李	Coniferd (survey)	ous Tree ed)
ర్హోద్త	Non-Conif (not surve	erous Trees yed)	, ¥*	Conifero (not sur	ous Trees veyed)
Ą.	Orchard Tree	© a.	Scrub	<sup>1</sup> u	Bracken
* ~	Coppice, Osier	siVis,	Reeds 🛁	<u> ஈ அ</u> ந்	Marsh, Saltings
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Rough Grassland	$mun_{b}$	Heath	1	Culvert
<del>&gt;&gt;&gt; ≻</del>	Direction of water flo	Δ	Triangulation Station	, &	Antiquity (site of)
_ETL_	Electric	ity Transmis	ssion Line	$\boxtimes$	Electricity Pylon
F BM	291.60m E	Bench Mark	P	Building Building	gs with g Seed
	Roofe	ed Building		8	lazed Roof uilding
		Ci∨il parish	/community b	oundary	
		District box	-	,	
_ •		County box	<del>-</del>		
ģ.		Boundary			
			nereing symb	ol (note:	these
٥			pear in oppose		
Bks	Barracks		Р	Pillar, Po	le or Post
Bty	Battery		PO	Post Offi	ice
Cemy	Cemetery		PC		onvenience
Chy	Chimney		Pp Ppg Sta	Pump	s Station
Cis Dismtd R	Cistern lv Disman	tled Railway	Ppg Sta PW	Pumping Place of	_
El Gen St	a Electric	iled Railway ity Generating		pg Sta S	ewage
EID	Station	Dole Dillor	QD & D-		umping Station
El P El Sub St		Pole, Pillar Sub Station	SB, S Br	_	lox or Bridge
FB FB	a Electricity Filter Bed	OUD STATION	SP, SL Spr		ost or Light
FB Fn/DFn		Drinking Ftn.	Spr Tk	Spring	Trook
C C	- Curitain /	O	Tk T:	Tank or	ITACK

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

GVC

Trough

Wind Pump Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Wd Pp

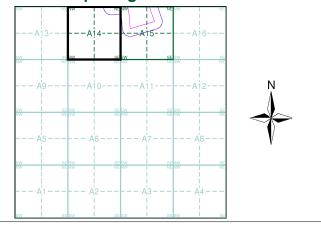
Wks



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1972	5
Additional SIMs	1:2,500	1986	6
Additional SIMs	1:2,500	1993	7
Large-Scale National Grid Data	1:2,500	1994	8

## **Historical Map - Segment A14**



#### **Order Details**

Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 489350, 376490

Slice:

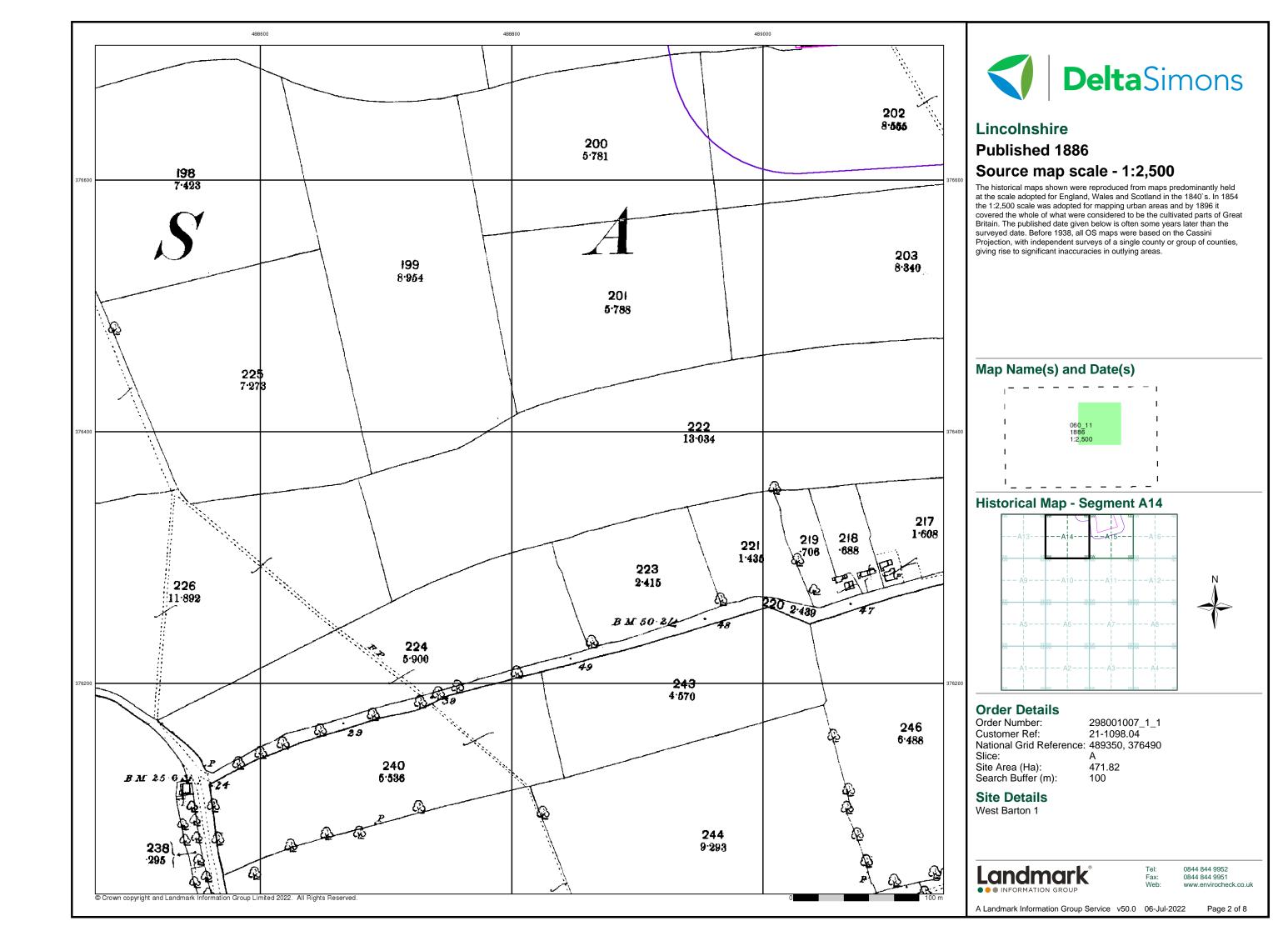
471.82 Site Area (Ha): Search Buffer (m): 100

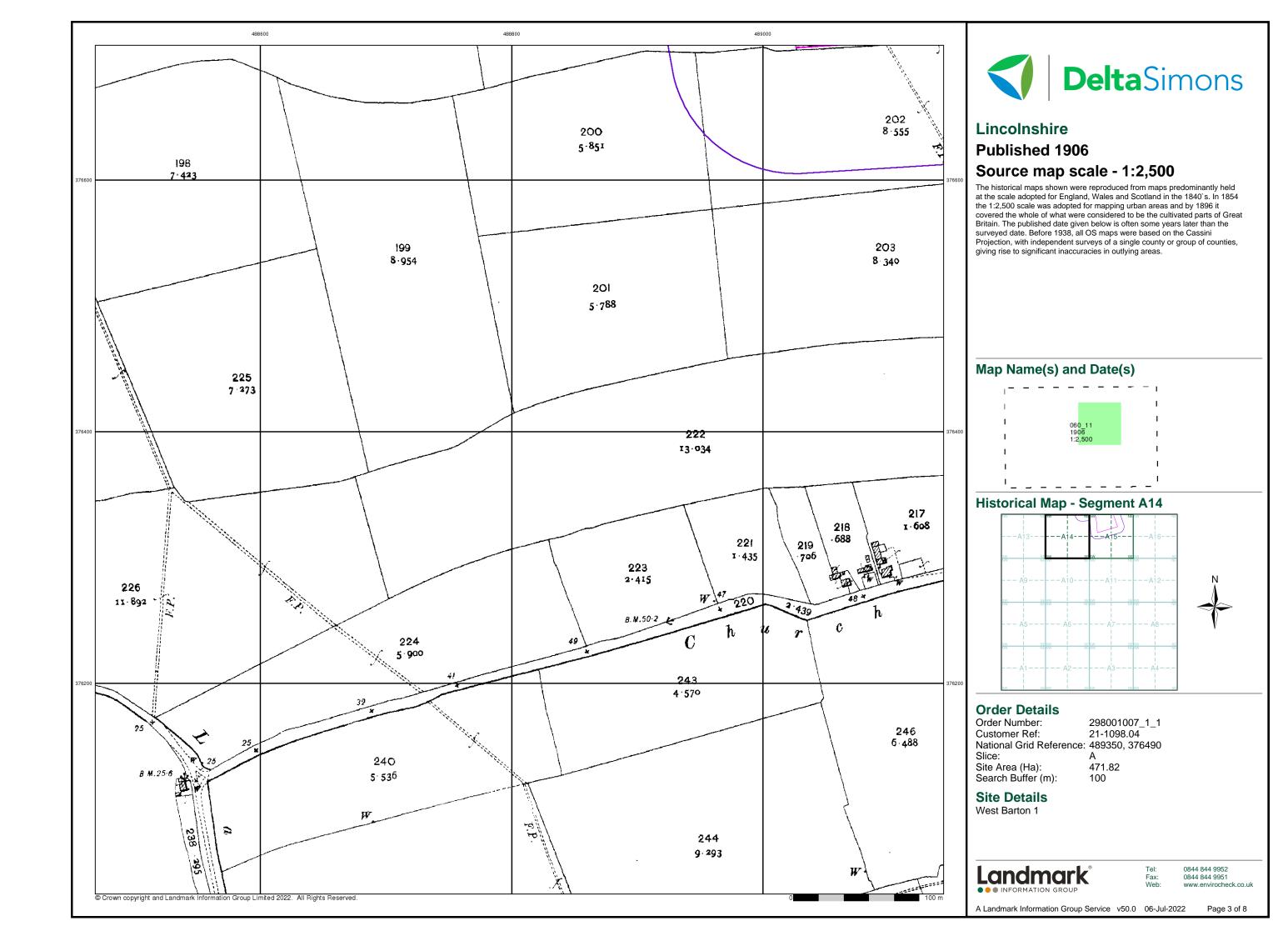
#### **Site Details** West Barton 1

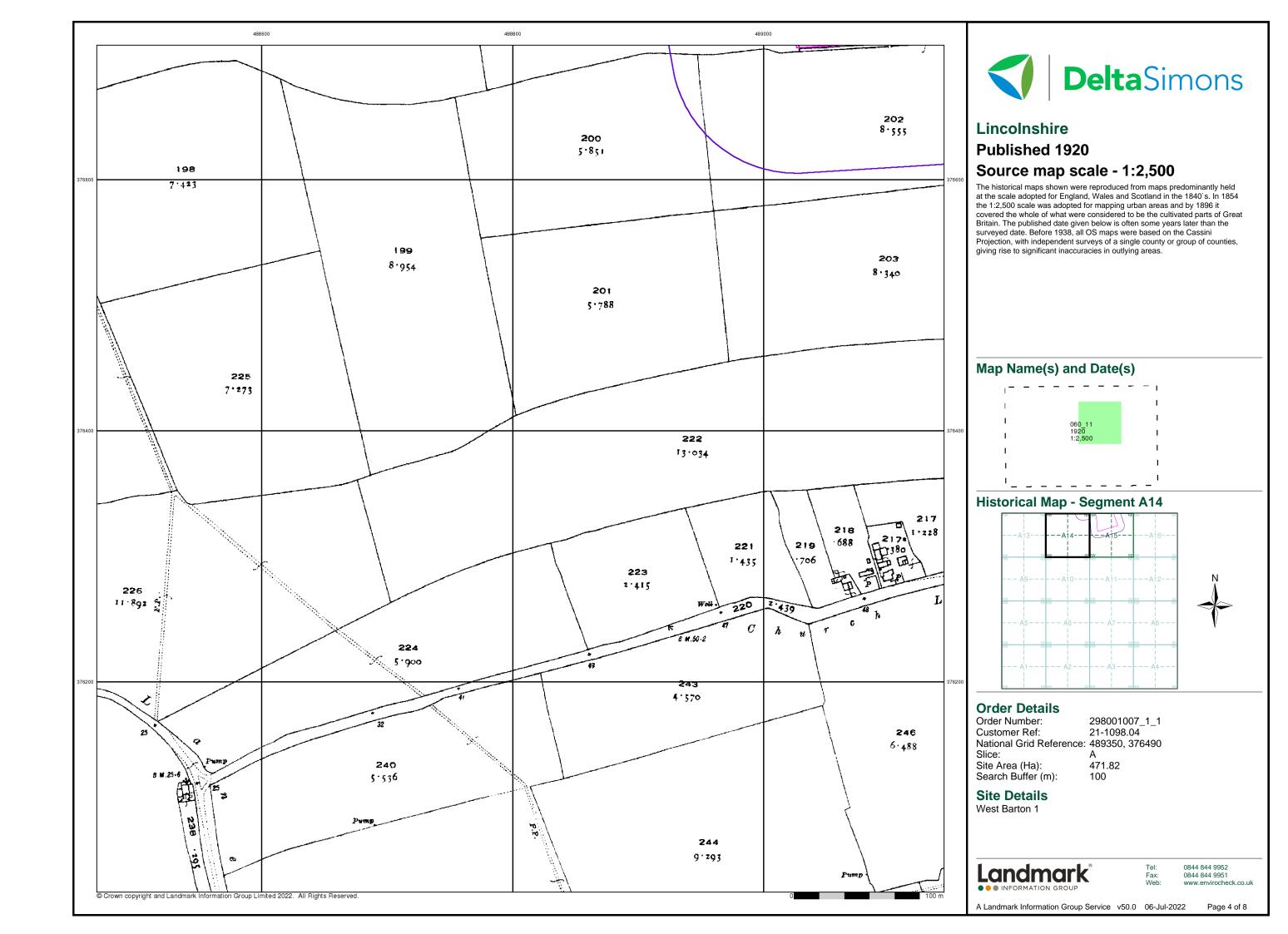
Landmark

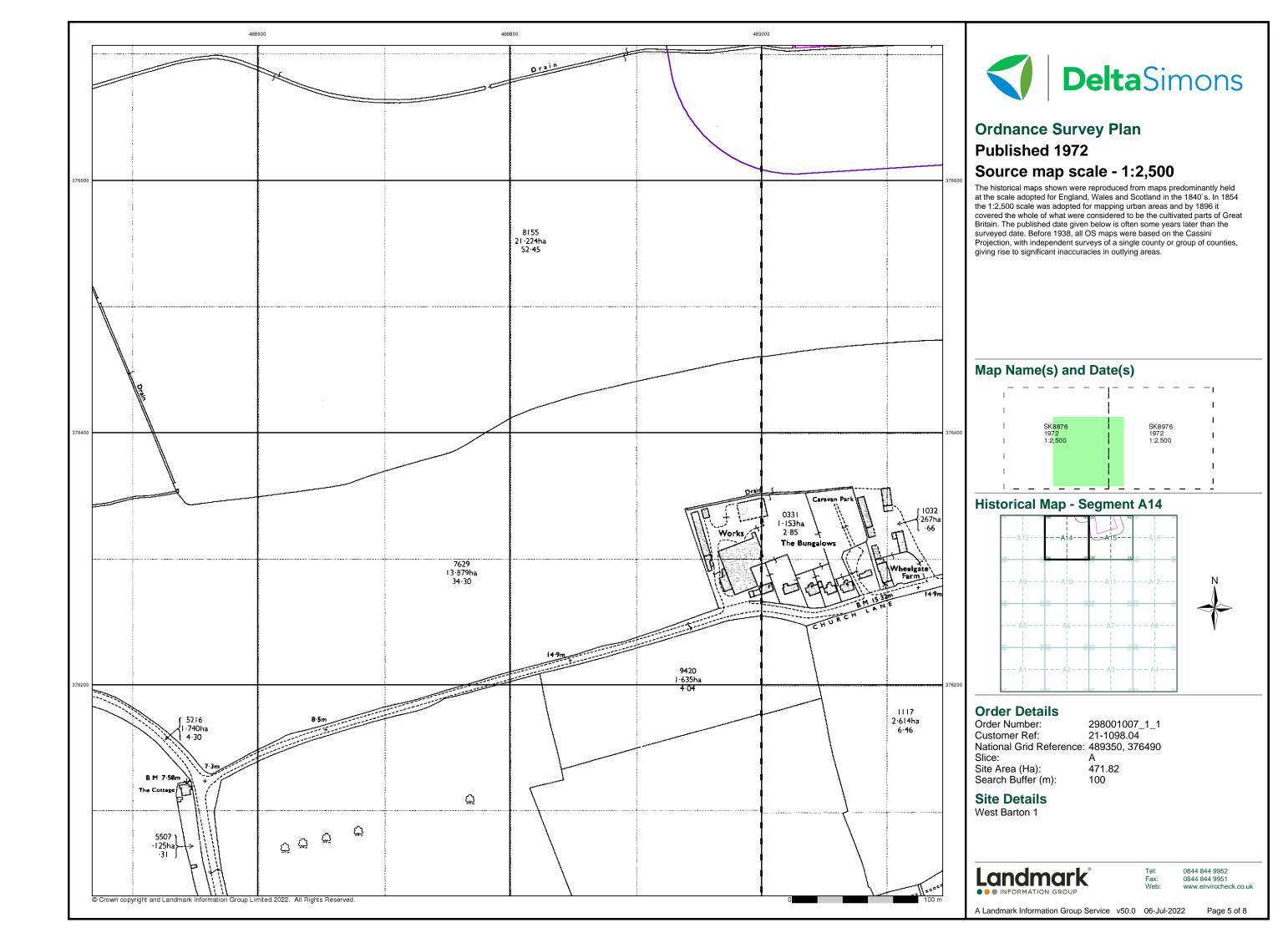
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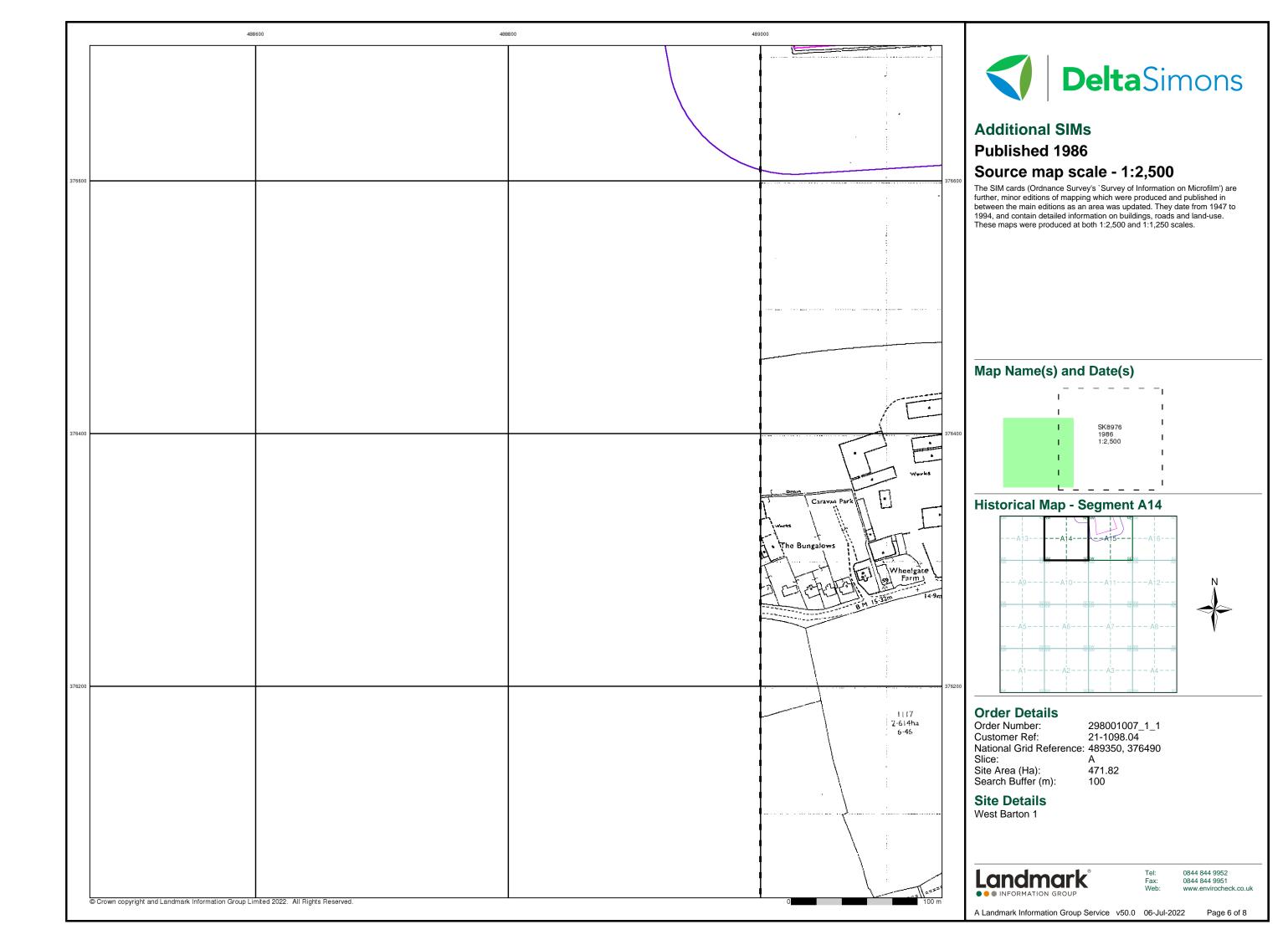
A Landmark Information Group Service v50.0 06-Jul-2022 Page 1 of 8

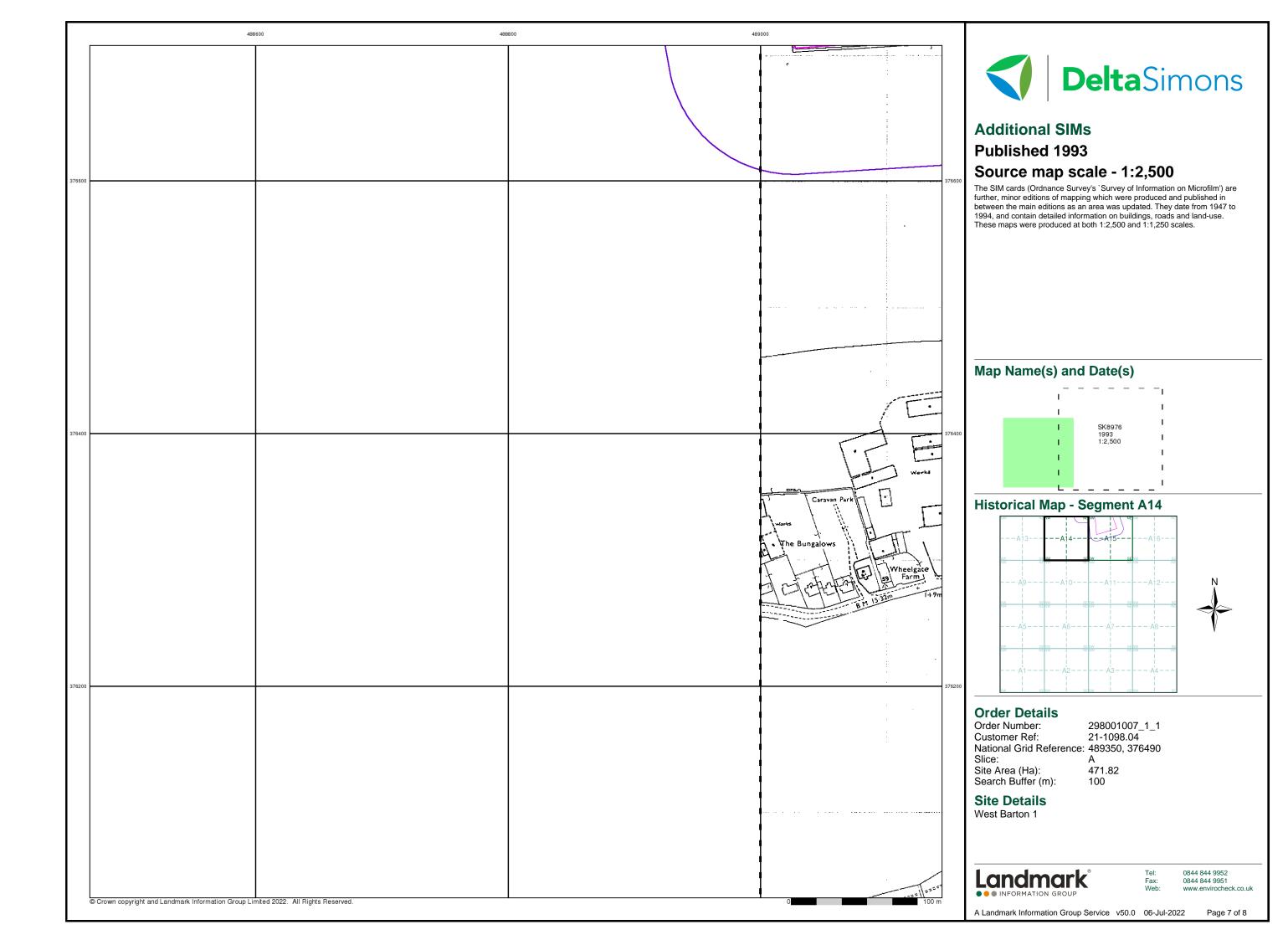


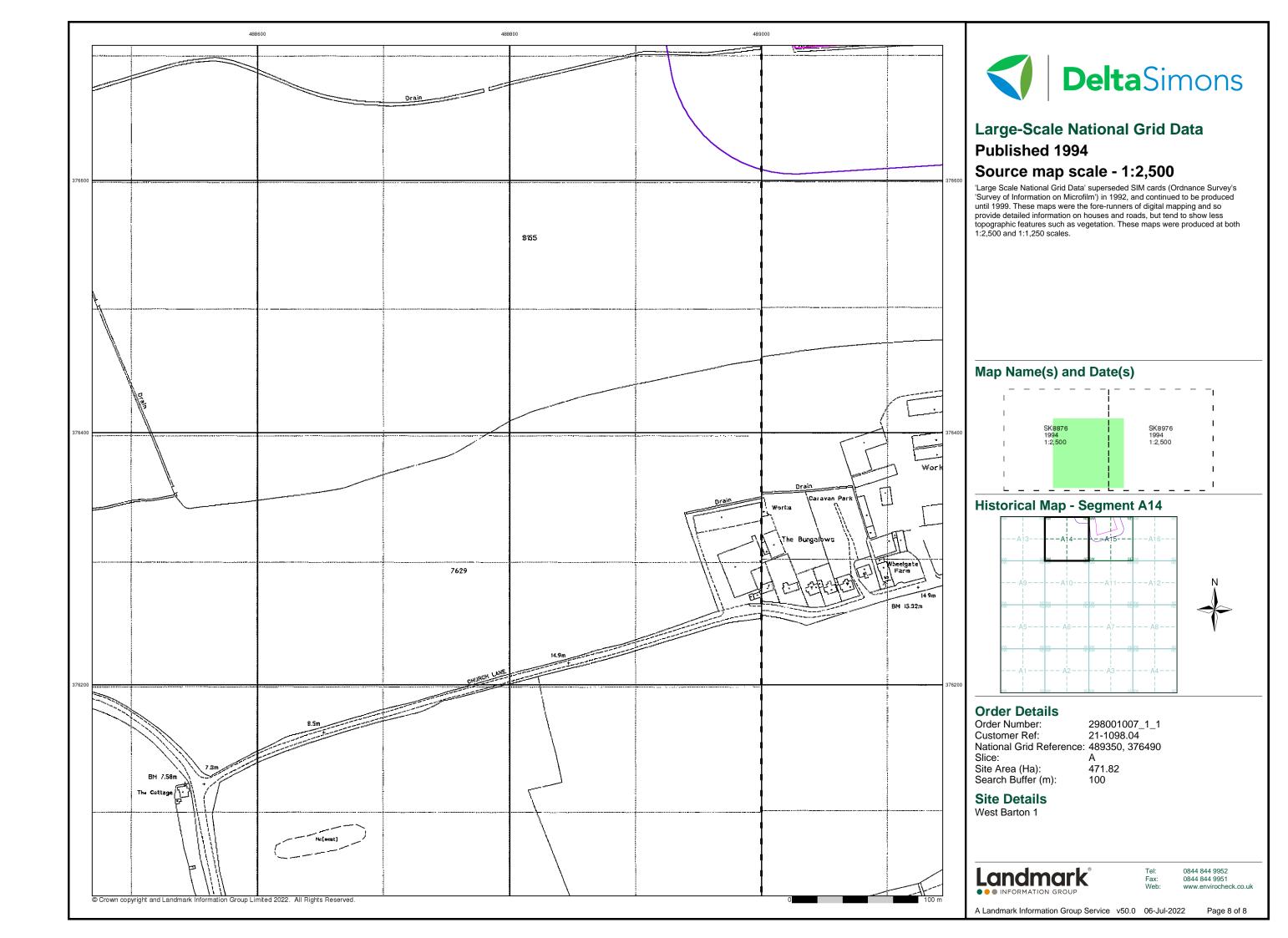






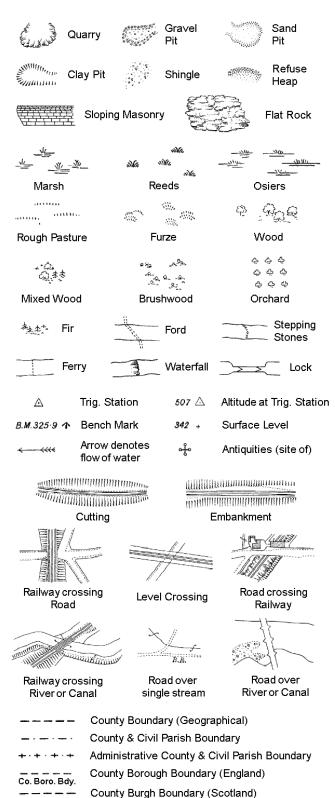






# **Historical Mapping Legends**

#### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

Well

S.P

Sl.

Tr:

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

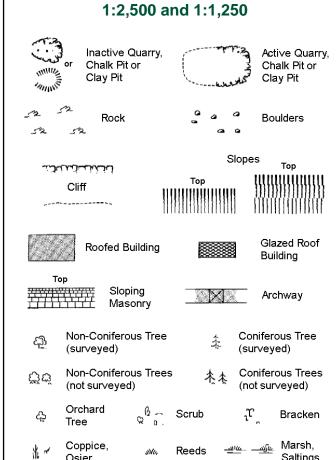
B.R.

EP

F.B.

M.S

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 



Saltings Rough Culvert யார் Heath Grassland Direction Bench Antiquity of water flow (site of) Electricity Cave Triangulation Ŧ. Entrance

2111.01100		. 3.0
ETL Elec	tricity Transmission Line	
	County Boundary (Geograp	ohical)
· — · — ·	County & Ci∨il Parish Boun	dary
	Ci∨il Parish Boundary	
· <del></del>	Admin. County or County B	or. Boundary
L B Bdy	London Borough Boundary	
***	Symbol marking point wher mereing changes	e boundary

ВН	Beer House	Р	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
EIP	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

GVC

GP

Gas Governer

Mile Post or Mile Stone

Guide Post

Manhole

Wd Pp

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

# 1:1,250

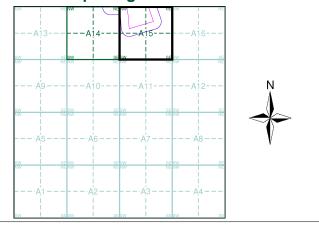
لكرابكالباليات		Slopes <sub>Top</sub>				
Cliff		11111	Top	!!!!!!!	!!!!!!!!!!	
,					((()(((()	
Ba	Rock		22	Rock (so	cattered)	
$\Box_{a}$	Boulders		₽	Boulders	(scattered)	
	Positioned Box	ulder		Scree		
<u>දකු</u>	Non-Coniferou (surveyed)	ıs Tree	#	Coniferd (surveye		
స్తోచ	Non-Coniferou (not surveyed)		杰杰	Coniferd (not sur	ous Trees /eyed)	
දා	Orchard Tree	© a.	Scrub	$^{j}\Gamma_{j}$	Bracken	
* ~	Coppice, Osier	sNu,	Reeds -벨	<u>രം —എശ</u>	Marsh, Saltings	
, selller,	Rough Grassland	umm,	Heath	1	Culvert	
<del>*** &gt;</del>	Direction of water flow		Triangulation Station	) of	Antiquity (site of)	
E_T_L Electricity Transmission Line ⊠ Electricity Pylon						
Buildings with Building Seed						
	Roofed B	uilding		8	azed Roof iilding	
	• • • Civ	il parish/	community b	oundarv		
		trict bou		•		
_ •	Co	unty bou	ndary			
9	Bo	undary po	ost/stone			
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)						
Bks	Barracks		Р	Pillar, Pol	le or Post	
Bty	Battery		PO	Post Offi		
Cemy	Cemetery		PC		onvenience	
Chy	Chimney		Pp	Pump	<b>-</b>	
Cis	Cistern	Dailurer :	Ppg Sta PW	Pumping		
Dismtd F El Gen S	-	_	PW Sewage P		wage	
EIP	Station Electricity Pole	Pillar	SB, S Br		ımping Station ox or Bridge	
	ta Electricity Sub		SP, SL	_	ost or Light	
FB	Filter Bed		Spr	Spring	otor Eigrit	
Fn/DFr		king Ftn.	Tk	Tank or T	rack	
Gas Gov		_	Tr	Trough		



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1972	5
Additional SIMs	1:2,500	1986	6
Additional SIMs	1:2,500	1993	7
Large-Scale National Grid Data	1:2,500	1994	8

## **Historical Map - Segment A15**



#### **Order Details**

Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 489350, 376490

Slice:

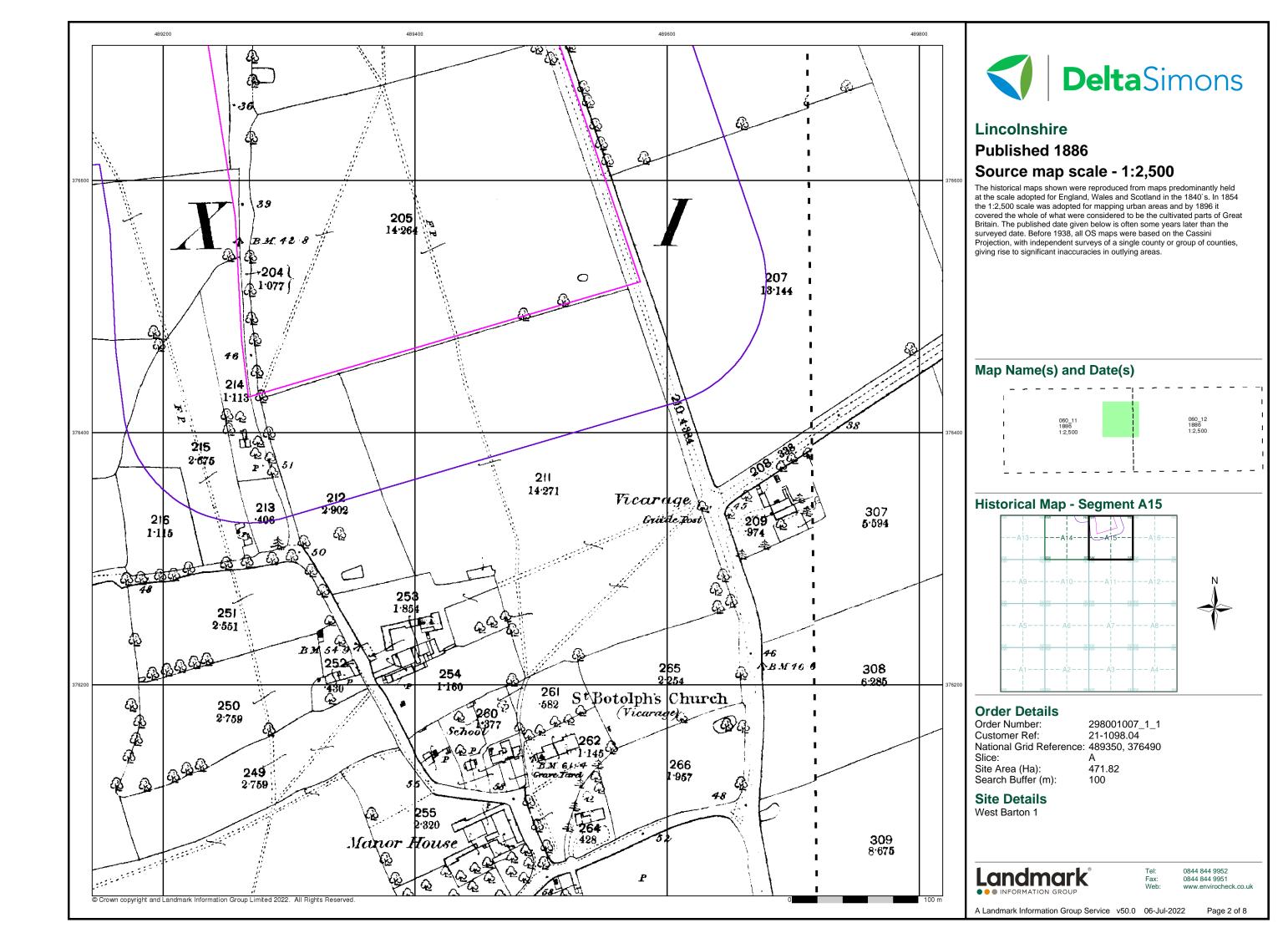
471.82 Site Area (Ha): Search Buffer (m): 100

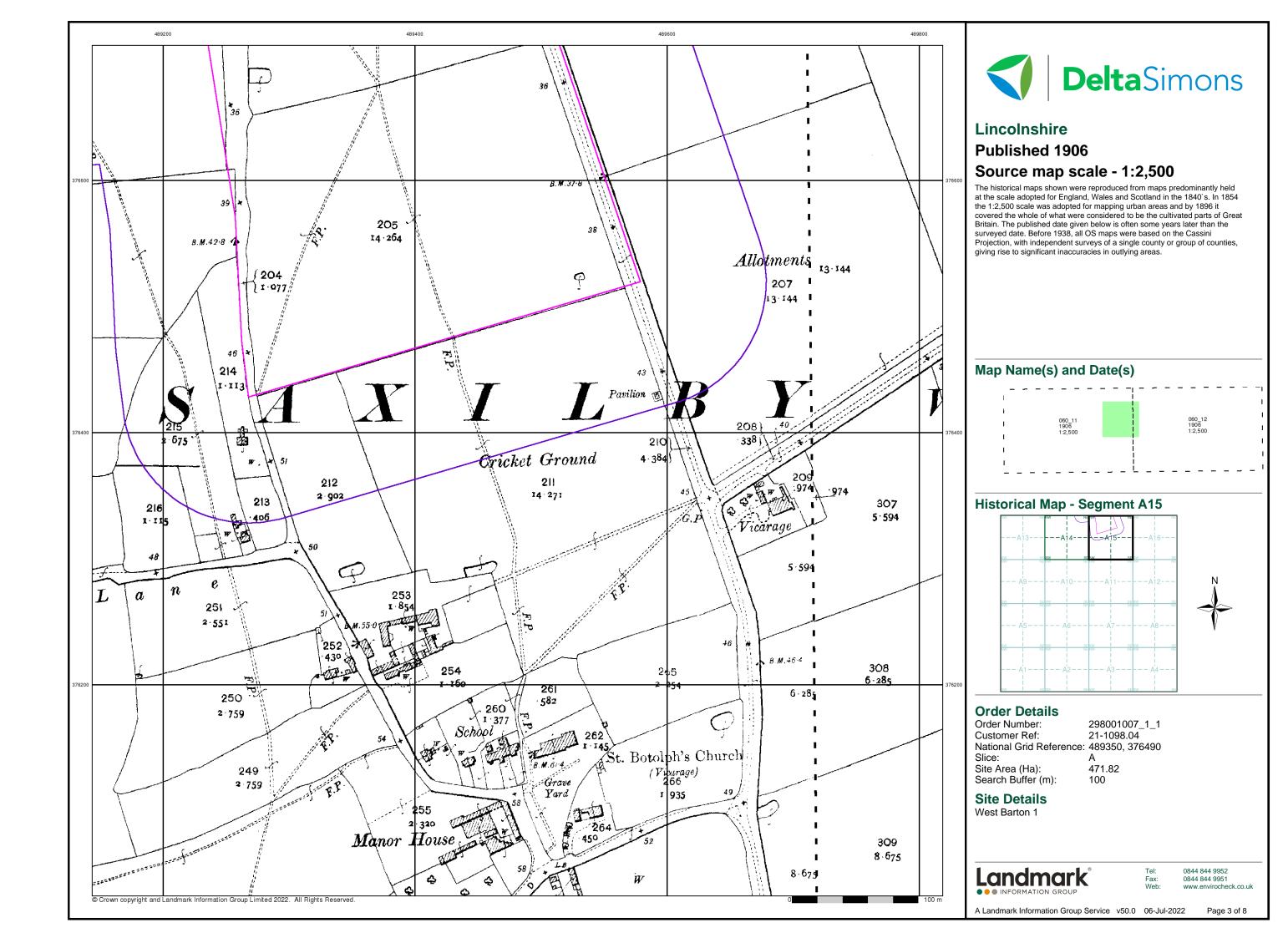
#### **Site Details** West Barton 1

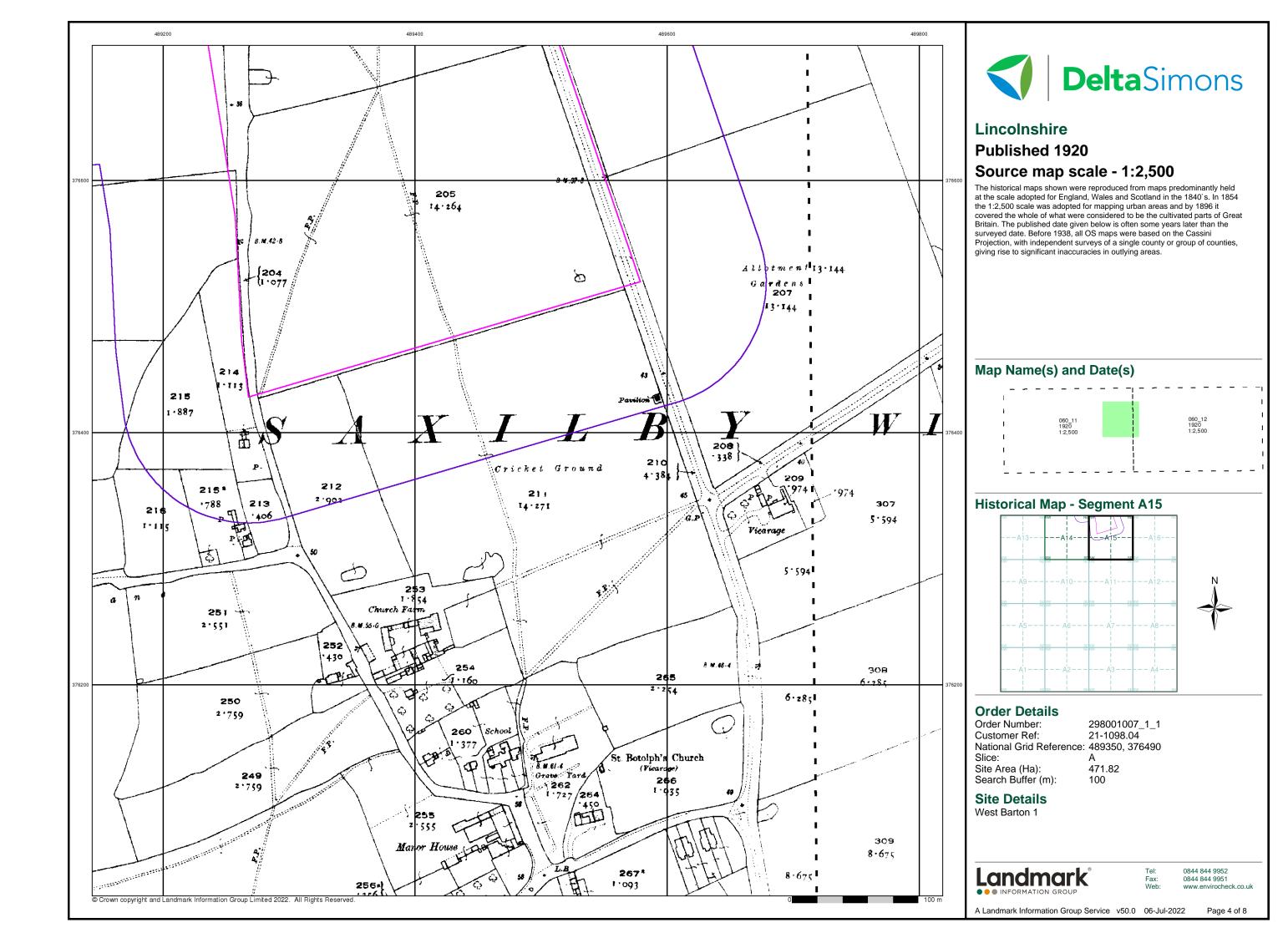
\_andmark

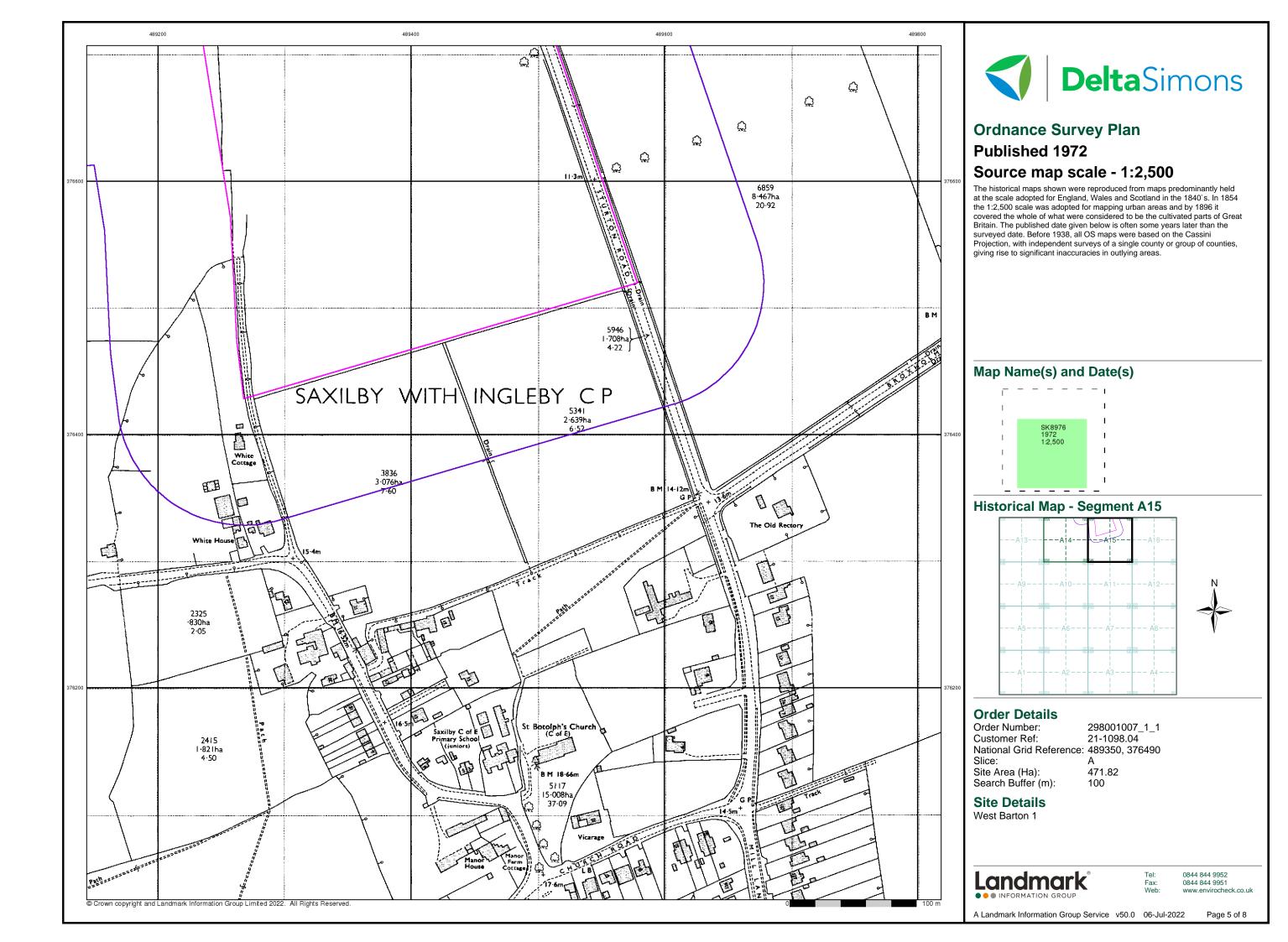
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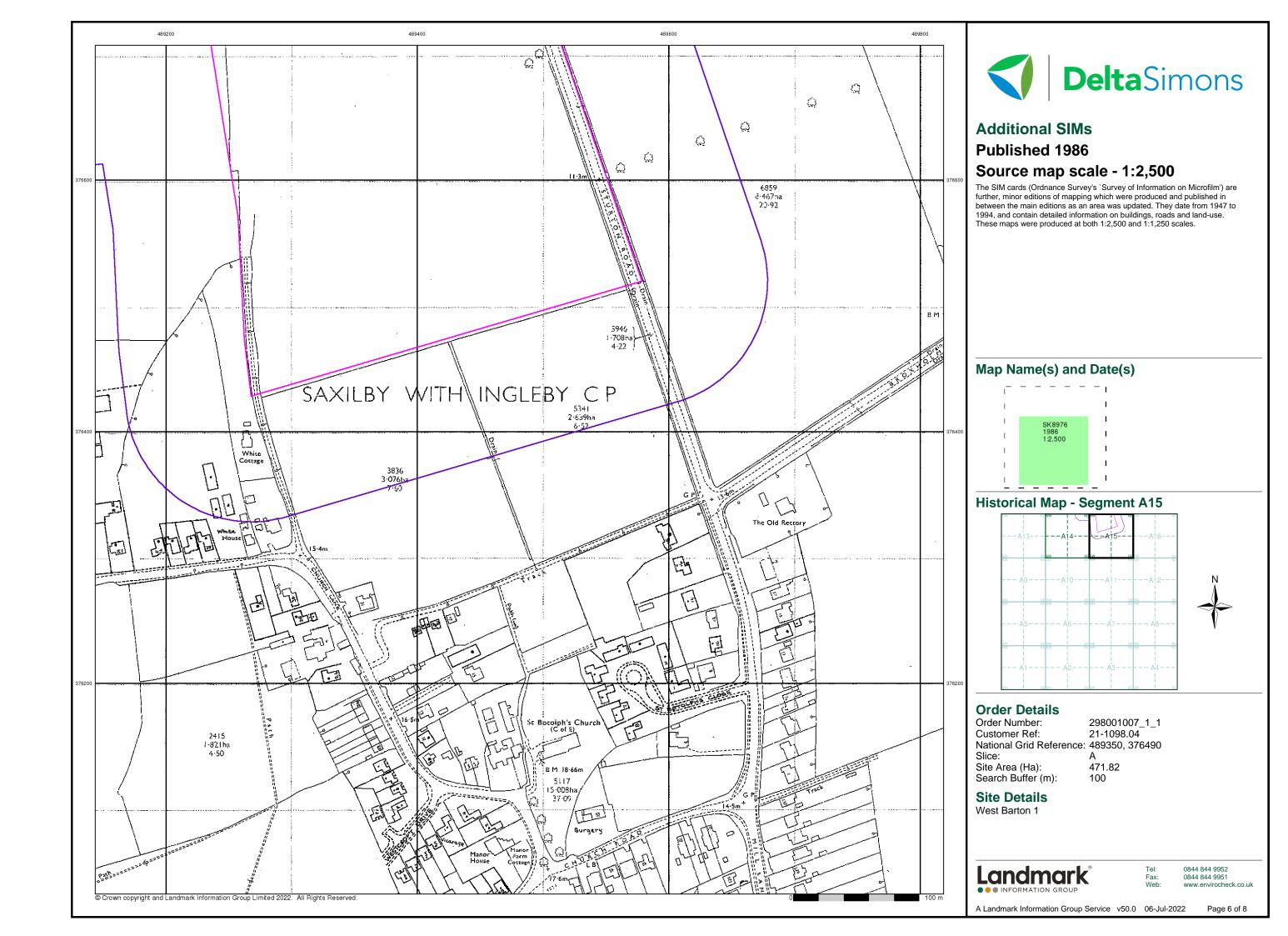
A Landmark Information Group Service v50.0 06-Jul-2022 Page 1 of 8

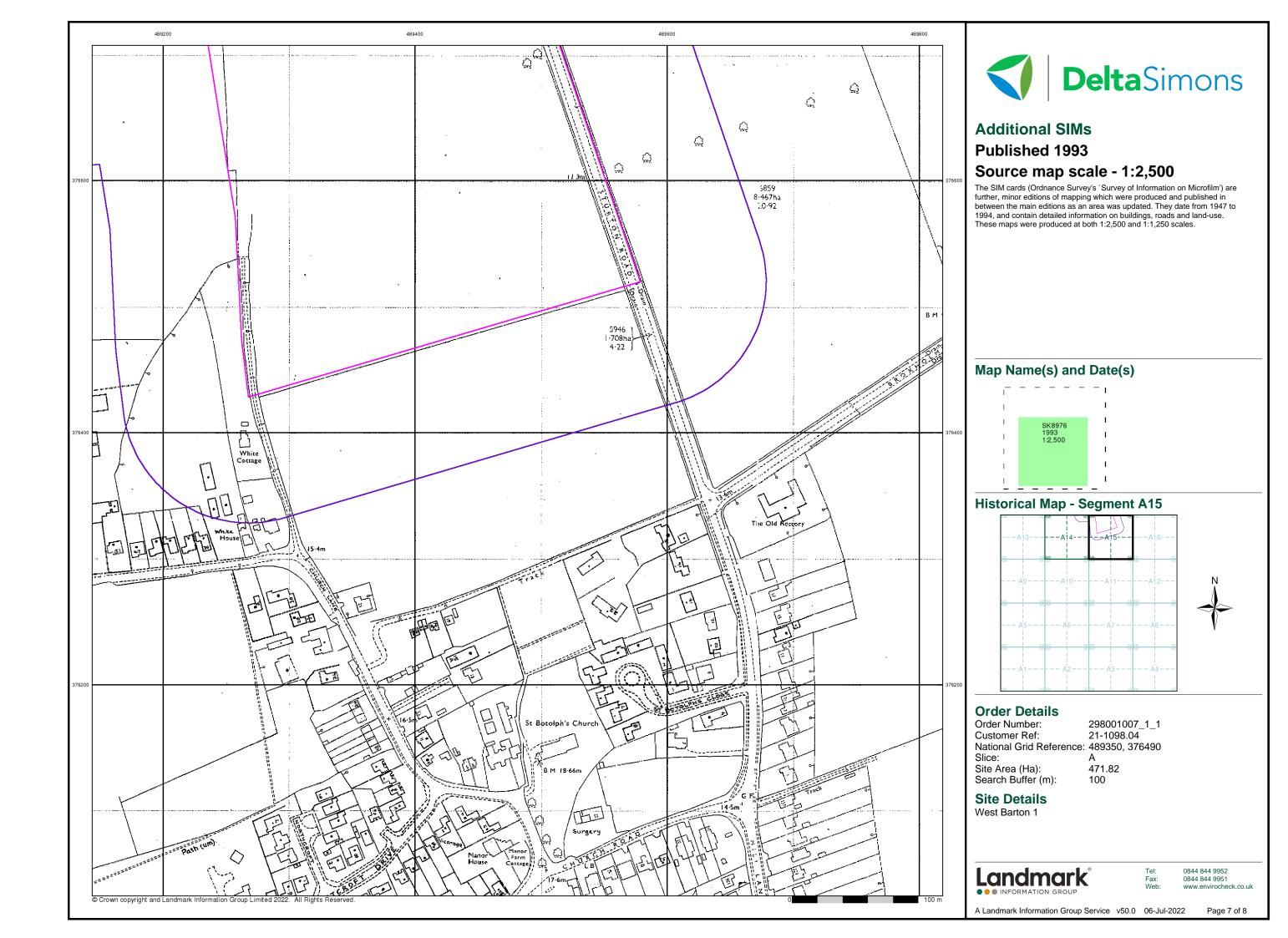


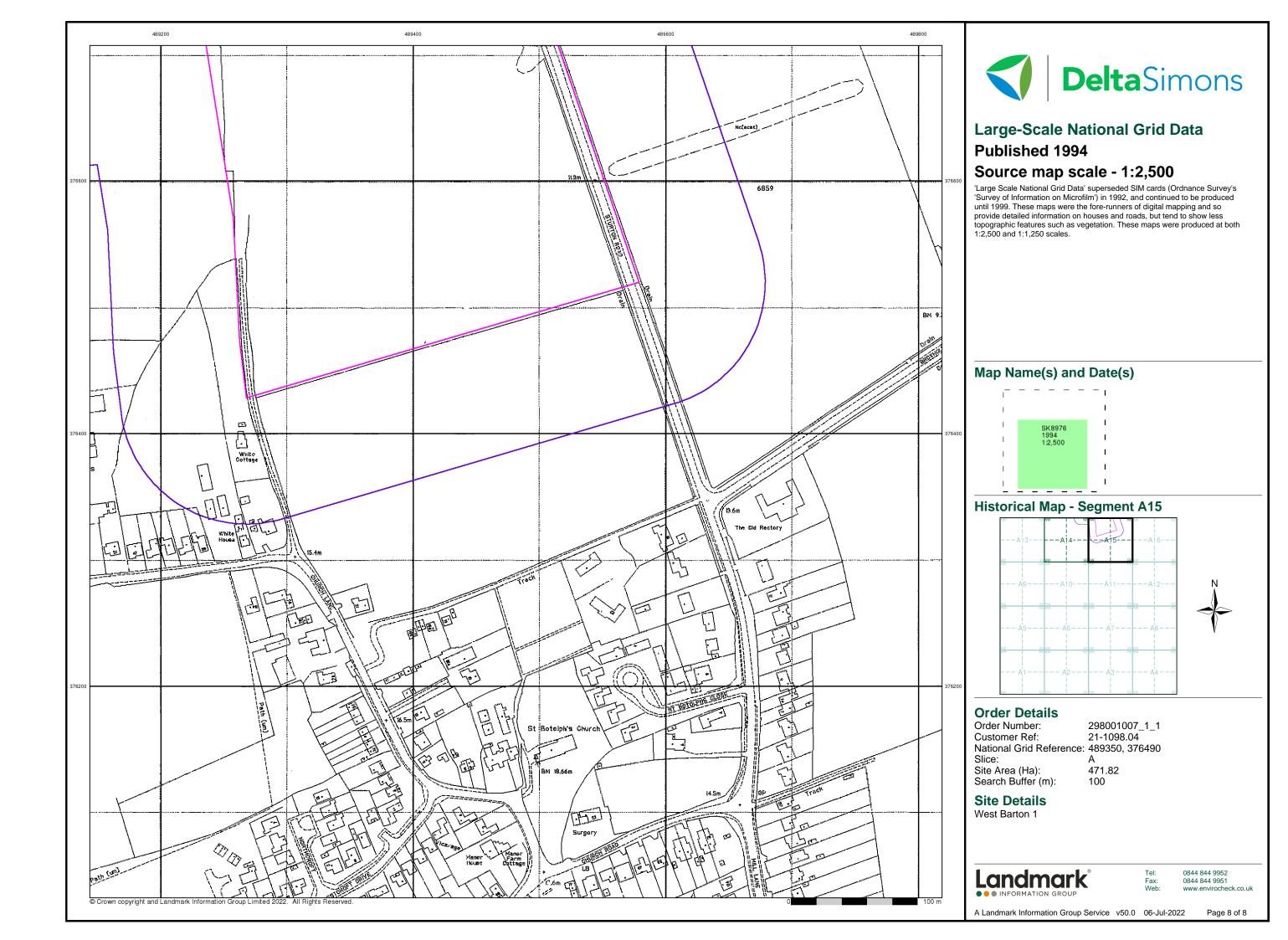












### **Ordnance Survey County Series 1:10,560** Gravel Pit Other Orchard Mixed Wood Brushwood Deciduous Furze Rough Pasture Arrow denotes Trigonometrical flow of water Station Site of Antiquities Bench Mark Pump, Guide Post, Well, Spring, Signal Post Boundary Post ·285 Surface Level Sketched Instrumental Contour Contour Fenced Main Roads Minor Roads Un-Fenced Raised Road Sunken Road Railway over Road over Railway Ri∨er Railway over Level Crossing Road Road over Road over Road over County Boundary (Geographical) County & Civil Parish Boundary Administrative County & Civil Parish Boundary County Borough Boundary (England) Co. Boro. Bdy. County Burgh Boundary (Scotland) Co. Burgh Bdy.

Rural District Boundary

····· Civil Parish Boundary

R.D. Bdy.

### Ordnance Survey Plan 1:10,000

Exemp	Chalk Pit, Clay Pit or Quarry	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Gravel Pit
	Sand Pit		Disused Pit or Quarry
1.0.0.0	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes	0000	Boulders
<b>*</b> * *	Coniferous Trees	$A_{A}$	Non-Coniferous Trees
ቀ ቀ	Orchard No.	Scrub	∖Yn/ Coppice
ਜ ਜ ਜ	Bracken	Heath '	Grassland
<u> </u>	- Marsh w///	Reeds	느ュ <b>ে</b> Saltings
	Dire	ction of Flow of W	/ater
	Building	A C	Shingle
		*//	Sningle
	>	*//	Sand
	Glasshouse		
		Pylon	
			Electricity
	Sloping Masonry		Transmission Line
		Pole	_
Cutting	Embankn		Standard Gauge
**	*************		Multiple Track
	<u>U</u>		_ Standard Gauge
Road ' Under	''∏''' Road // Lev Over Cros	vel ∖∖ Foot ′′ sing Bridge	Single Track
		Jing Dirage	_ Siding, Tramway or Mineral Line
-+		+ + +	+ Narrow Gauge
	Geographical Co	ounty	
	— — Administrative 0 or County of Cit	County, County B	orough
	-	- ugh, Urban or Rur	al District,
	Borough, Burgh	n or County Const	
	Civil Parish Shown alternately	when coincidence of	boundaries occurs
BP, BS	Boundary Post or Stone	Pol Sta P	olice Station
Ch	Church		ost Office
СН	Club House		ublic Convenience
F E Sta	Fire Engine Station		ublic House
FB Fn	Foot Bridge Fountain		ignal Box
GP	Fountain Guide Post		pring elephone Call Box
MP	Mile Post		elephone Call Post

Mile Post

Telephone Call Post

### 1:10,000 Raster Mapping

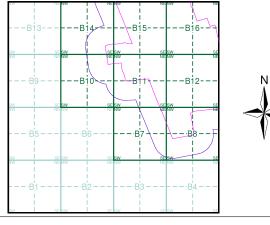
	Gravel Pit		Refuse tip or slag heap
	Rock	3	Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle	Mud	Mud
Sand	Sand		Sand Pit
********	Slopes		Top of cliff
	General detail		Underground detail
	- Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)	• • • • •	Ci∨il, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
۵ <sup>0</sup>	Area of wooded vegetation	۵ <sup>۵</sup> ۵	Non-coniferous trees
<i>۵</i>	Non-coniferous trees (scattered)	**	Coniferous trees
*	Coniferous trees (scattered)	ĊΘ	Positioned tree
4 4 4 4	Orchard	* *	Coppice or Osiers
्रार्गेत स्रोतित	Rough Grassland	www.	Heath
On_	Scrub	7 <u>₩</u> ۲	Marsh, Salt Marsh or Reeds
6	Water feature	<b>← ←</b>	Flow arrows
MHW(S)	Mean high water (springs)	MLW(S)	Mean low water (springs)
	Telephone line (where shown)	<b></b>	Electricity transmission line (with poles)
← BM 123.45 m	Bench mark (where shown)	Δ	Triangulation station
•	Point feature (e.g. Guide Post or Mile Stone)	$\boxtimes$	Pylon, flare stac or lighting tower
+	Site of (antiquity)		Glasshouse
	General Building		Important Building



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:10,560	1885	2
Nottinghamshire	1:10,560	1900	3
Lincolnshire	1:10,560	1906 - 1907	4
Lincolnshire	1:10,560	1907	5
Lincolnshire	1:10,560	1921 - 1922	6
Lincolnshire	1:10,560	1921 - 1922	7
Lincolnshire	1:10,560	1938 - 1948	8
Lincolnshire	1:10,560	1950	9
Ordnance Survey Plan	1:10,000	1956	10
Ordnance Survey Plan	1:10,000	1979	11
10K Raster Mapping	1:10,000	2000	12
Street View	Variable		13

### **Historical Map - Slice B**



#### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 487070, 378560 Slice:

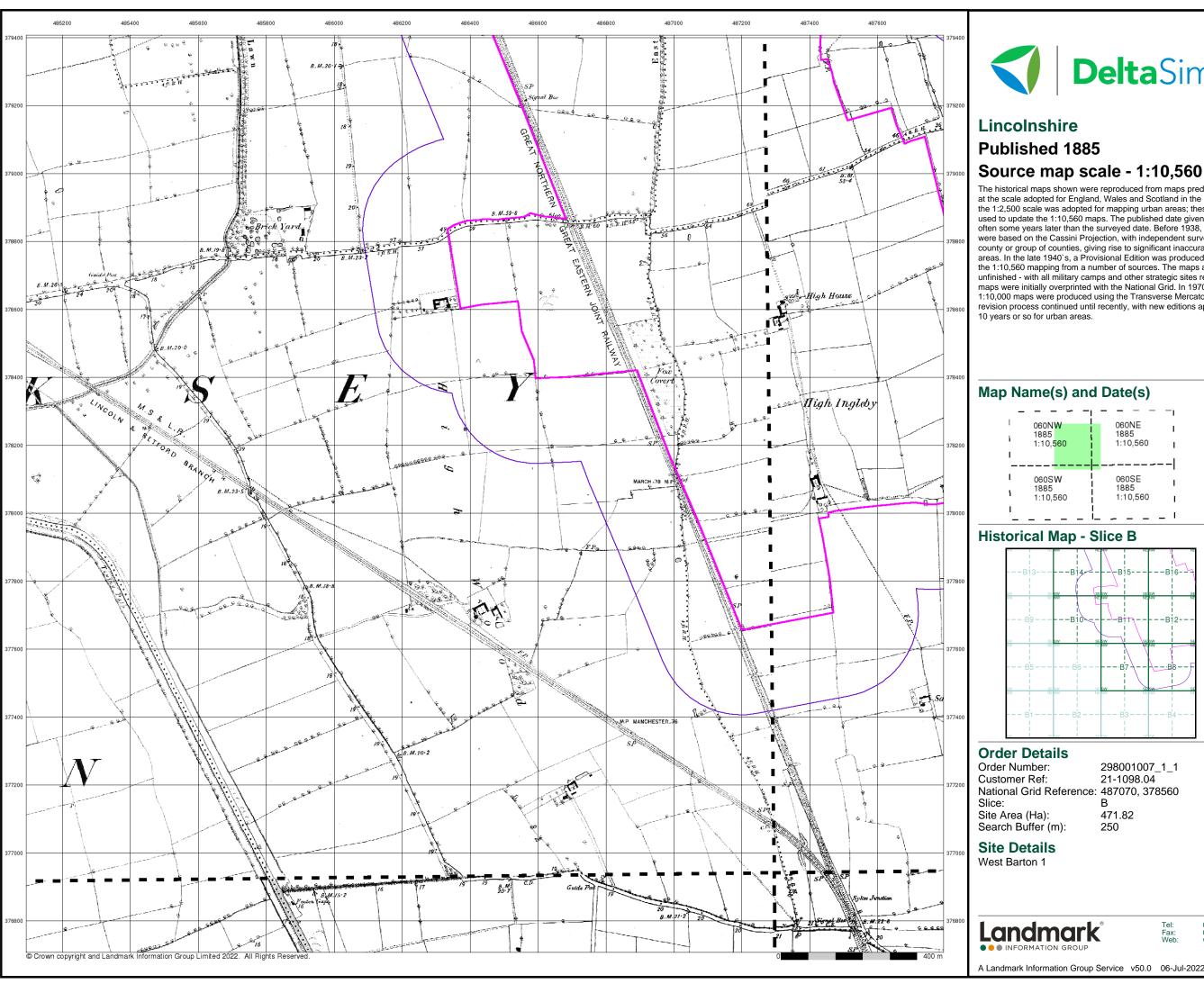
Site Area (Ha): 471.82 Search Buffer (m): 250

### **Site Details**

West Barton 1



0844 844 9952 0844 844 9951 www.envirocheck.co.uk

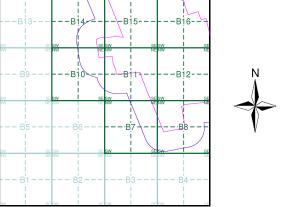




The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every

#### Map Name(s) and Date(s)

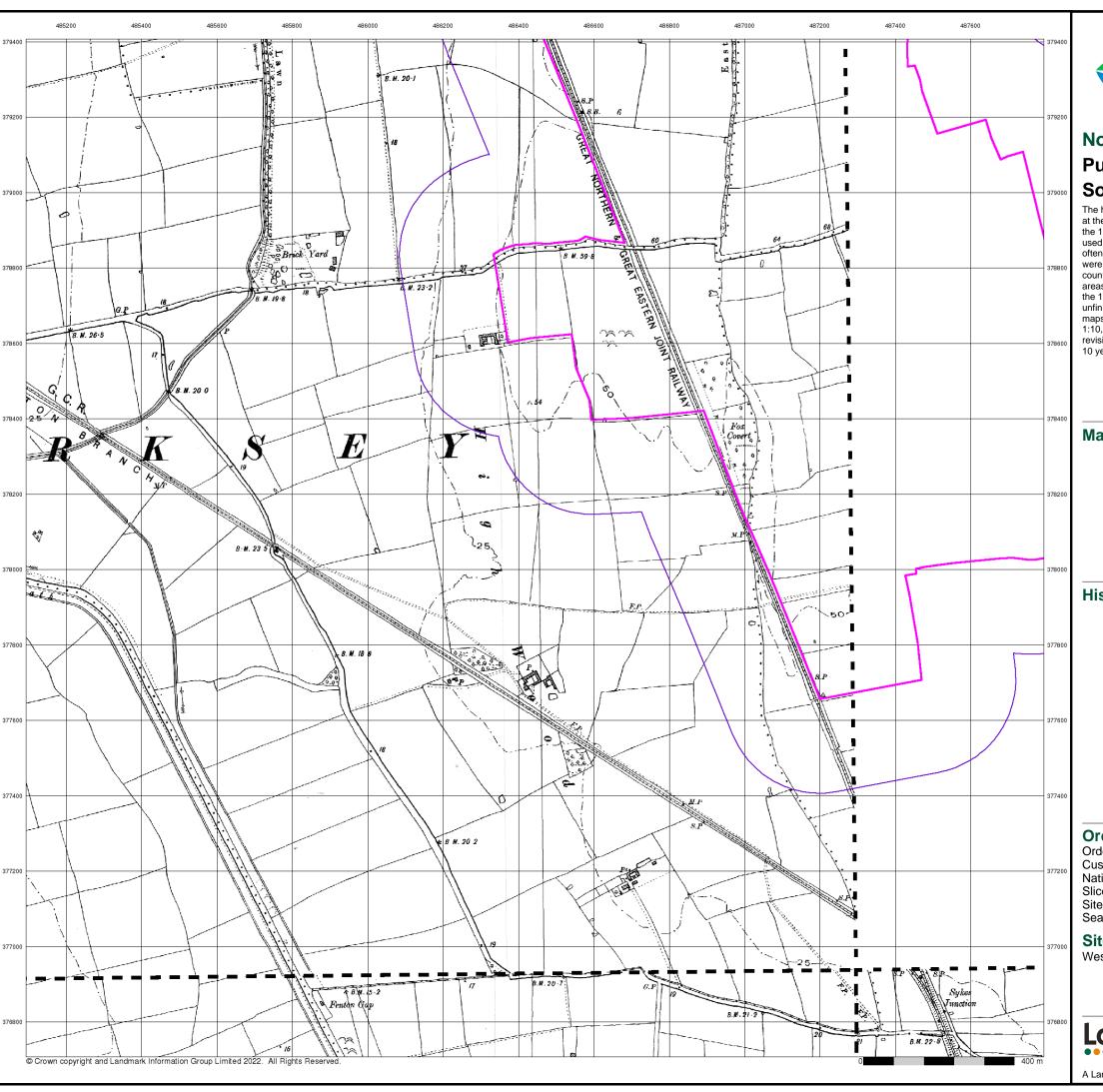
 	060NW 1885 1:10,560	060NE 1885 1:10,560	! ! !
	060SW	060SE	!
	1885	1885	!
	1:10,560	1:10,560	!



298001007\_1\_1 21-1098.04 National Grid Reference: 487070, 378560

471.82

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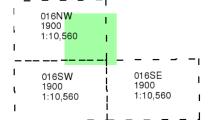




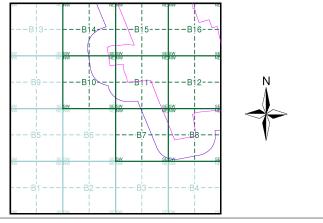
## **Nottinghamshire Published 1900** Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)



#### **Historical Map - Slice B**



#### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 487070, 378560 Slice:

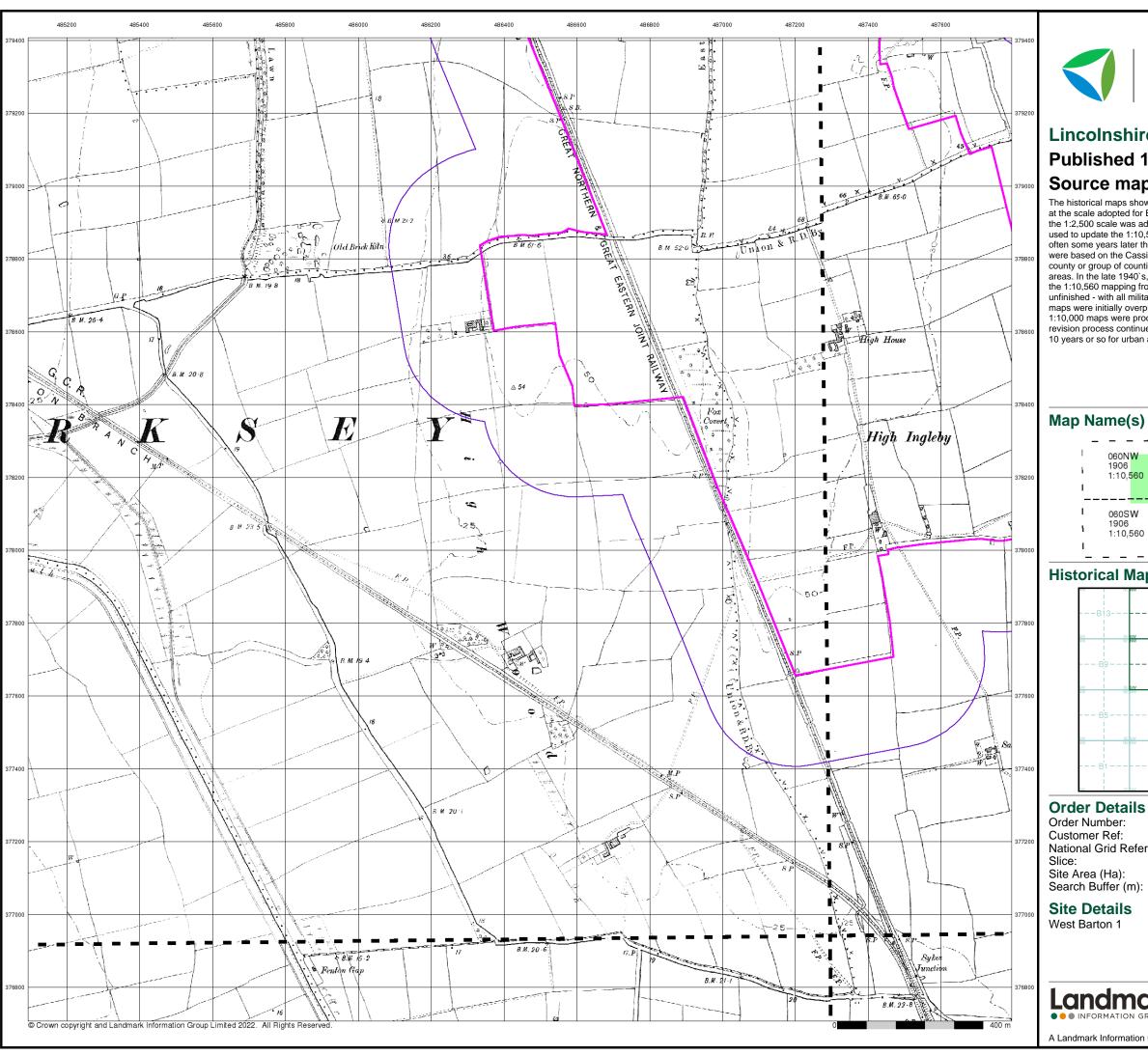
Site Area (Ha): Search Buffer (m): 471.82

### **Site Details**

West Barton 1



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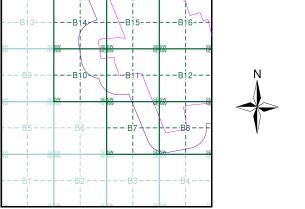
## Published 1906 - 1907 Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)

_		
l i	060N <b>W</b> 1906 1:10,560	060NE 1907 1:10,560
l 		
1	060SW	060SE
1	1906 1:10,560	1906 1:10,560
1		

#### **Historical Map - Slice B**

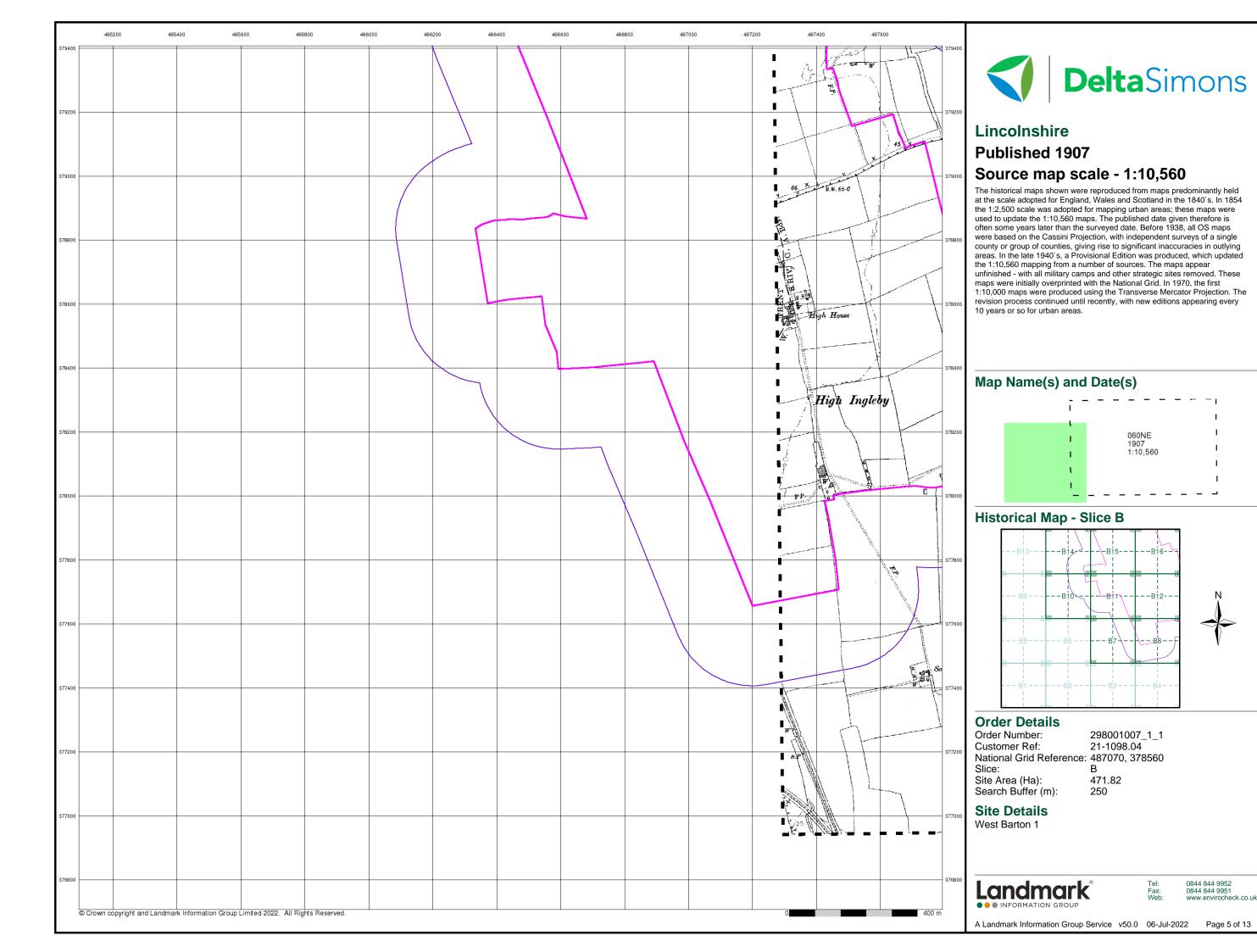


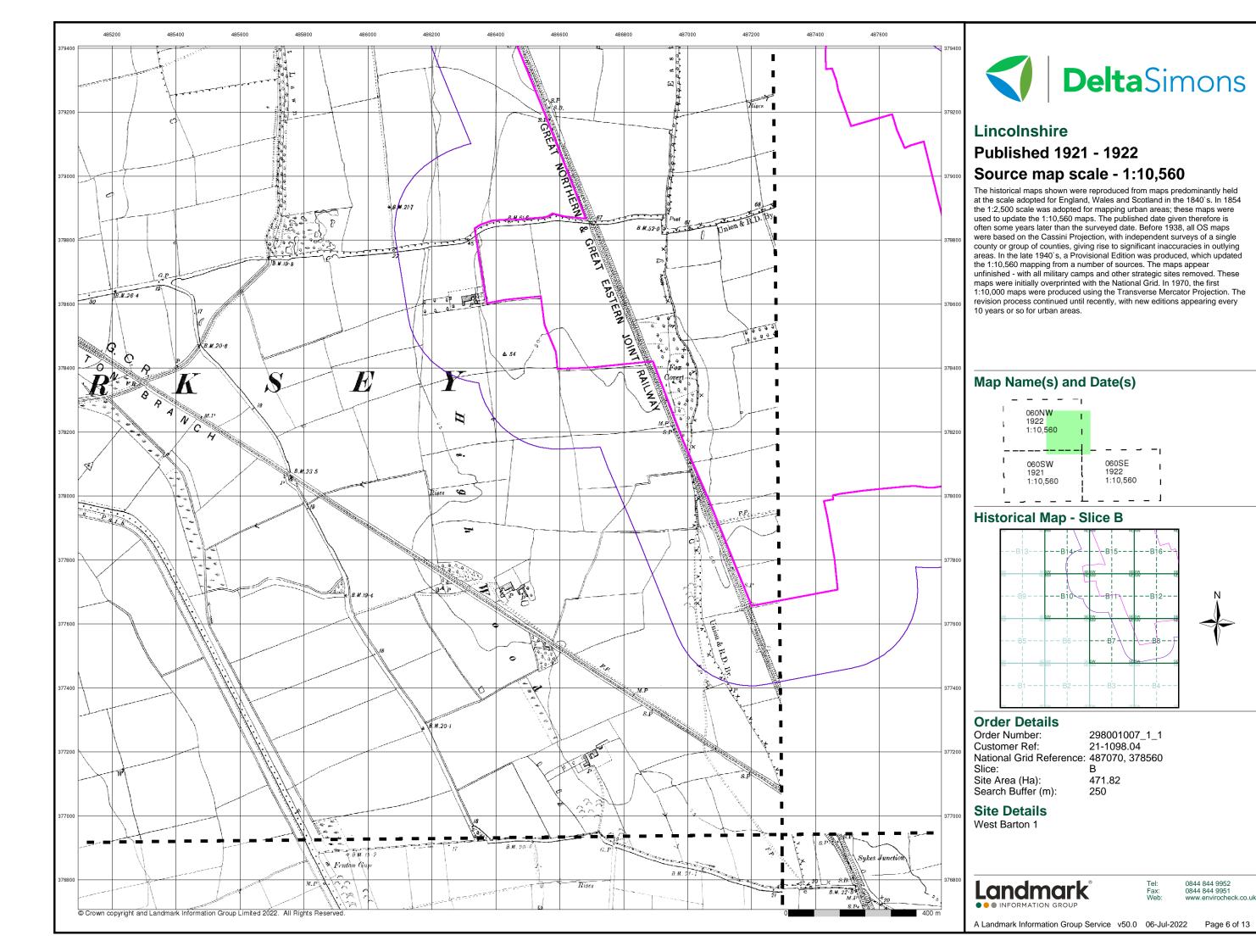
298001007\_1\_1 21-1098.04 National Grid Reference: 487070, 378560

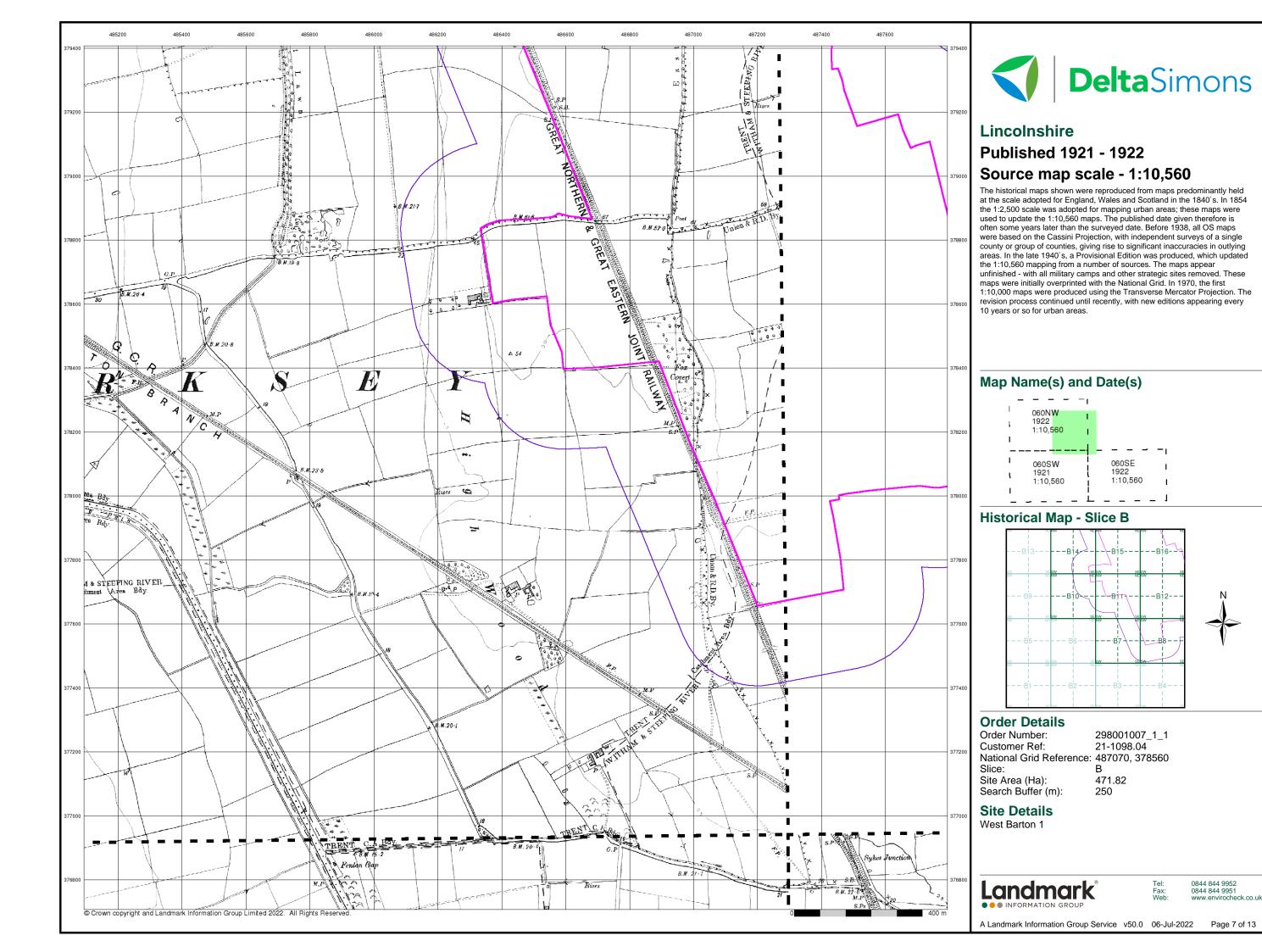
471.82

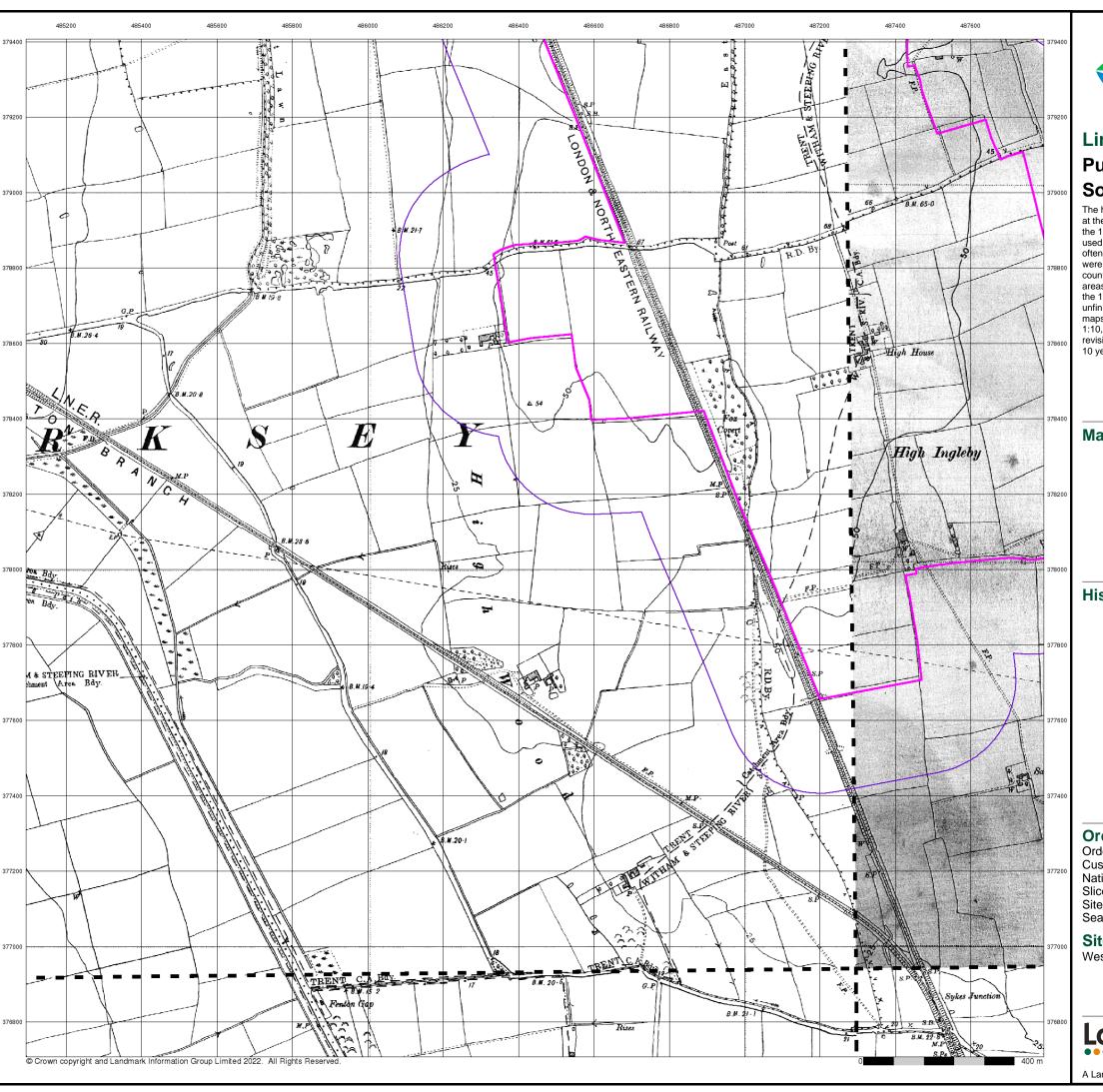


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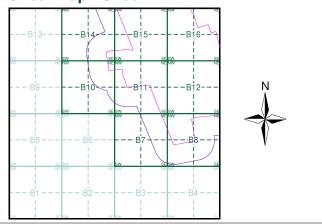
## Published 1938 - 1948 Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

#### Map Name(s) and Date(s)

_		
1	060N <b>W</b> 1947	060NE 1947
ı	1:10,560	1:10,560
'		 
	0000144	060SE
•	060SW 1948	1938
•	1:10,560	1:10,560

#### **Historical Map - Slice B**



#### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 487070, 378560 Slice:

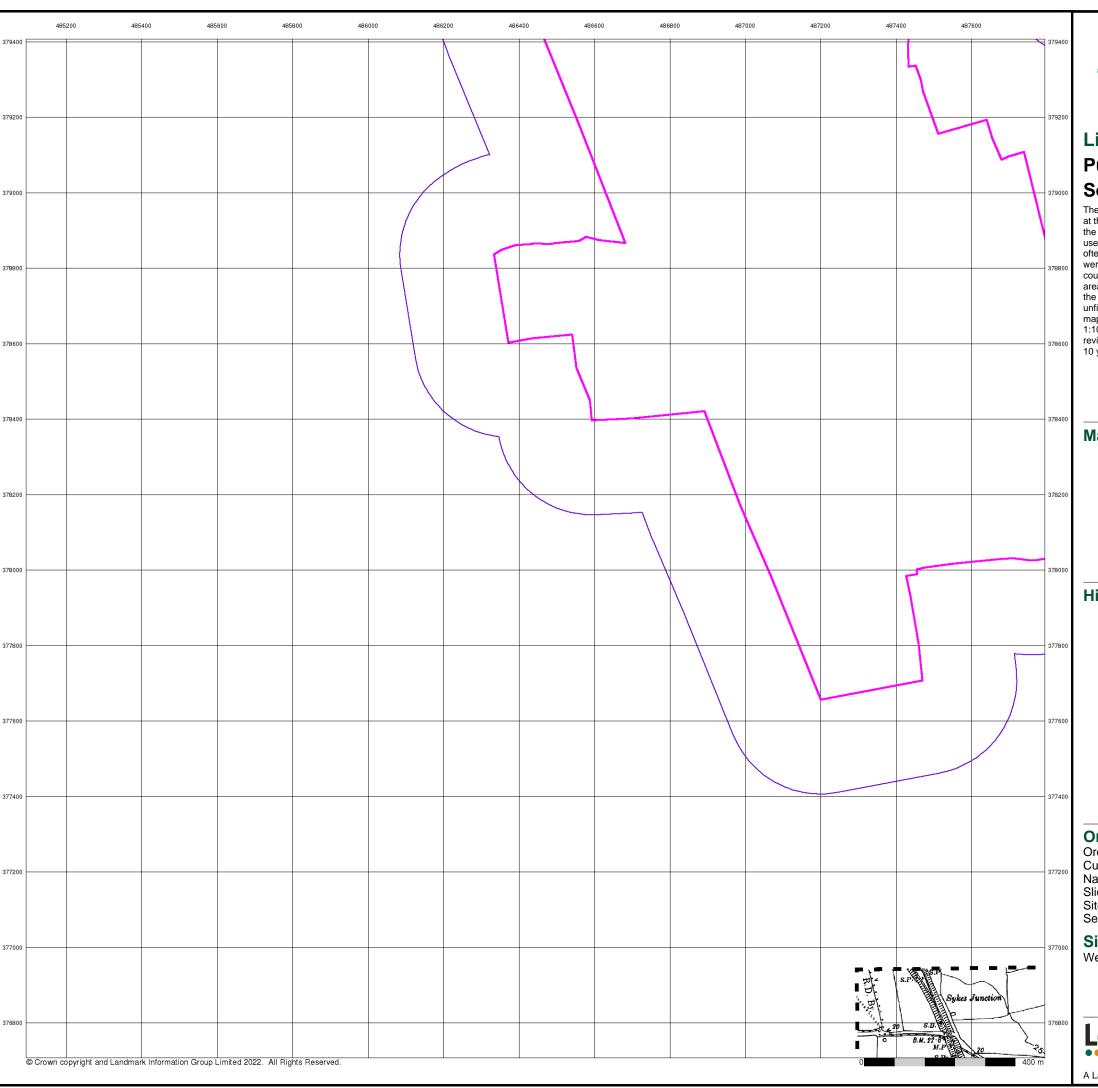
Site Area (Ha): Search Buffer (m): 471.82

### **Site Details**

West Barton 1



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## Published 1950

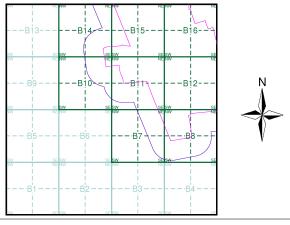
## Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

#### Map Name(s) and Date(s)



#### **Historical Map - Slice B**



#### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 487070, 378560 Slice: В

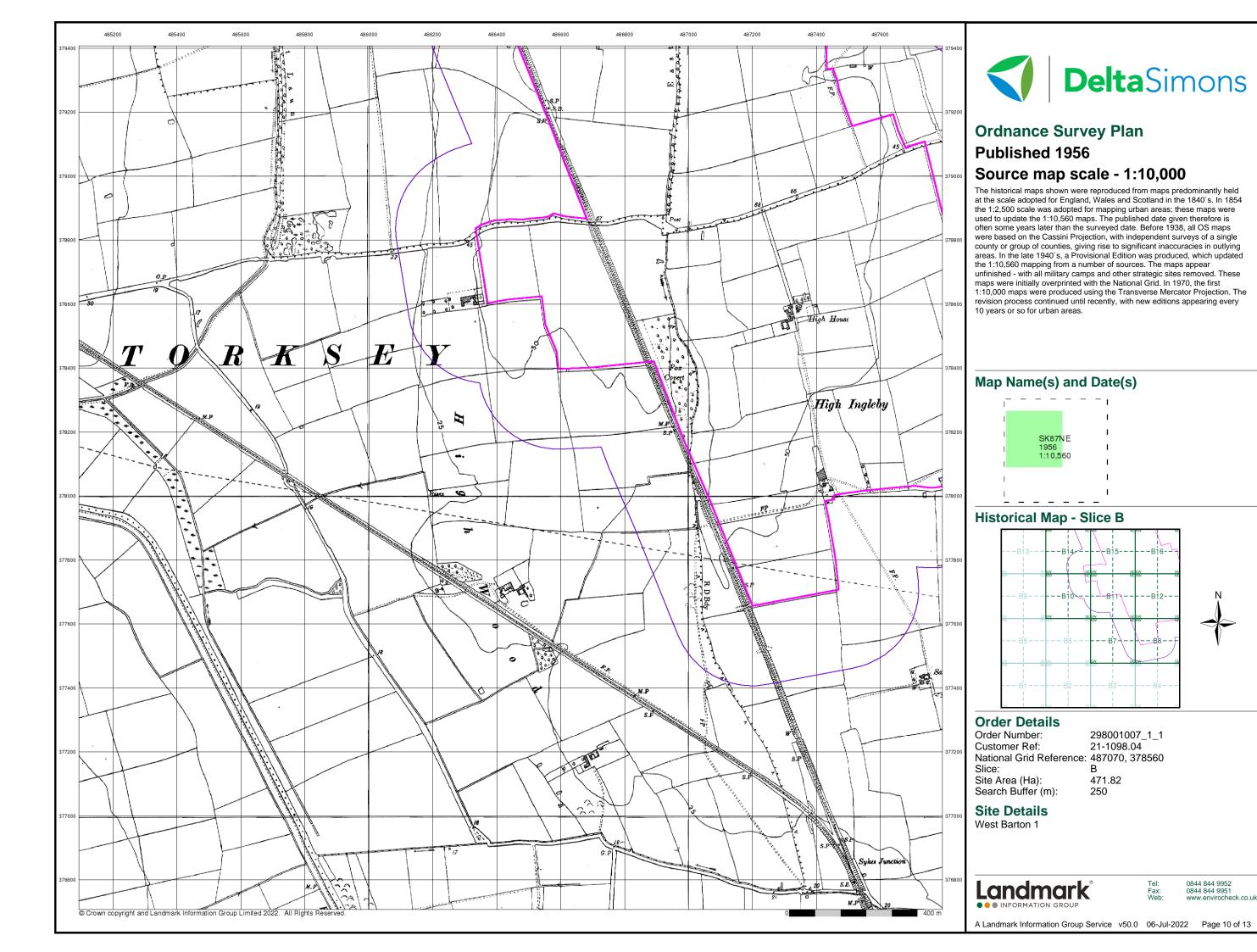
Site Area (Ha): Search Buffer (m): 471.82 250

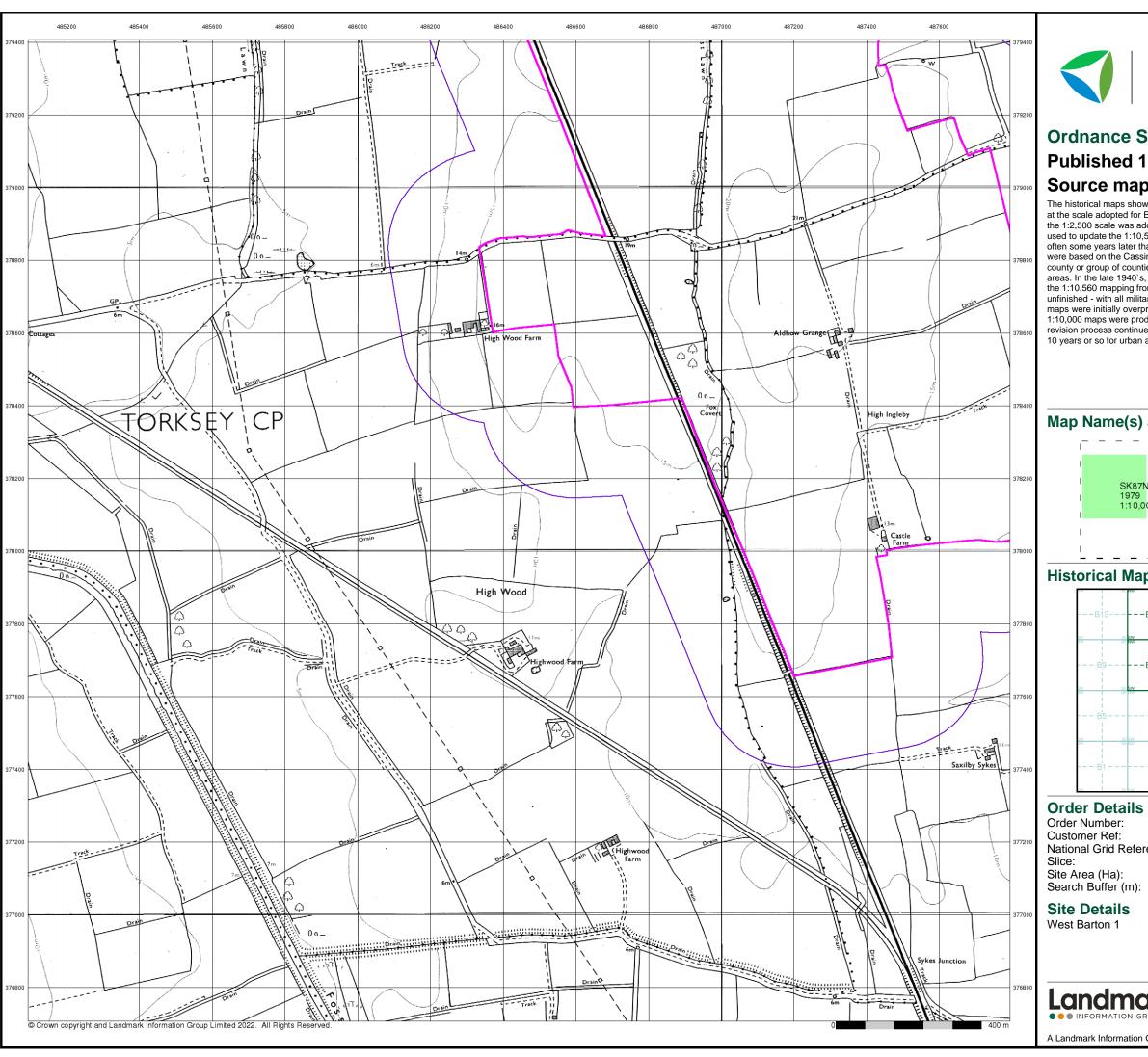
### **Site Details**

West Barton 1



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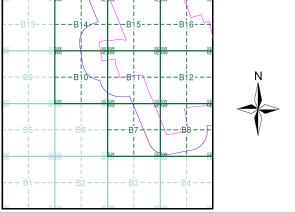
## **Ordnance Survey Plan Published 1979** Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)



#### **Historical Map - Slice B**

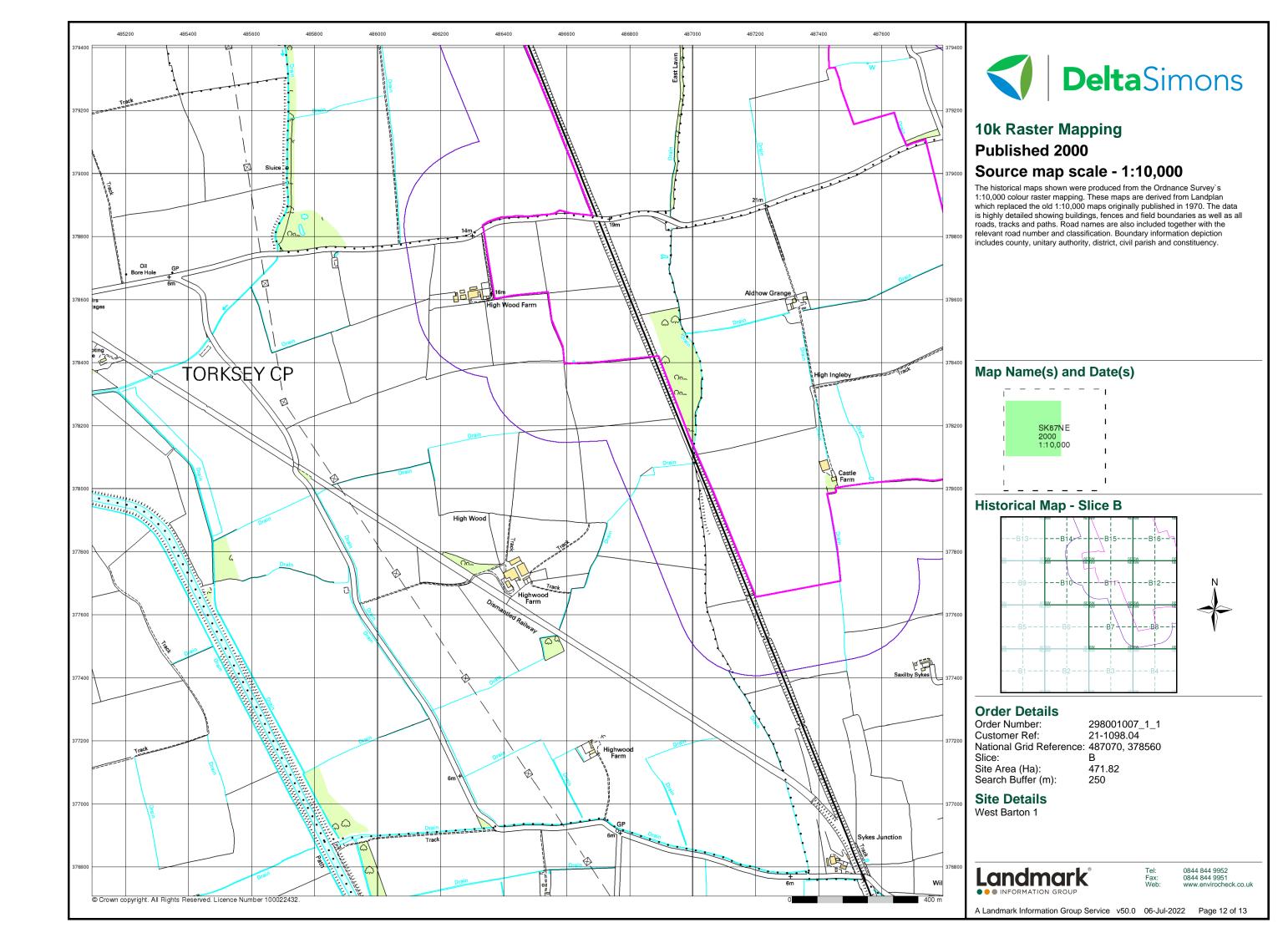


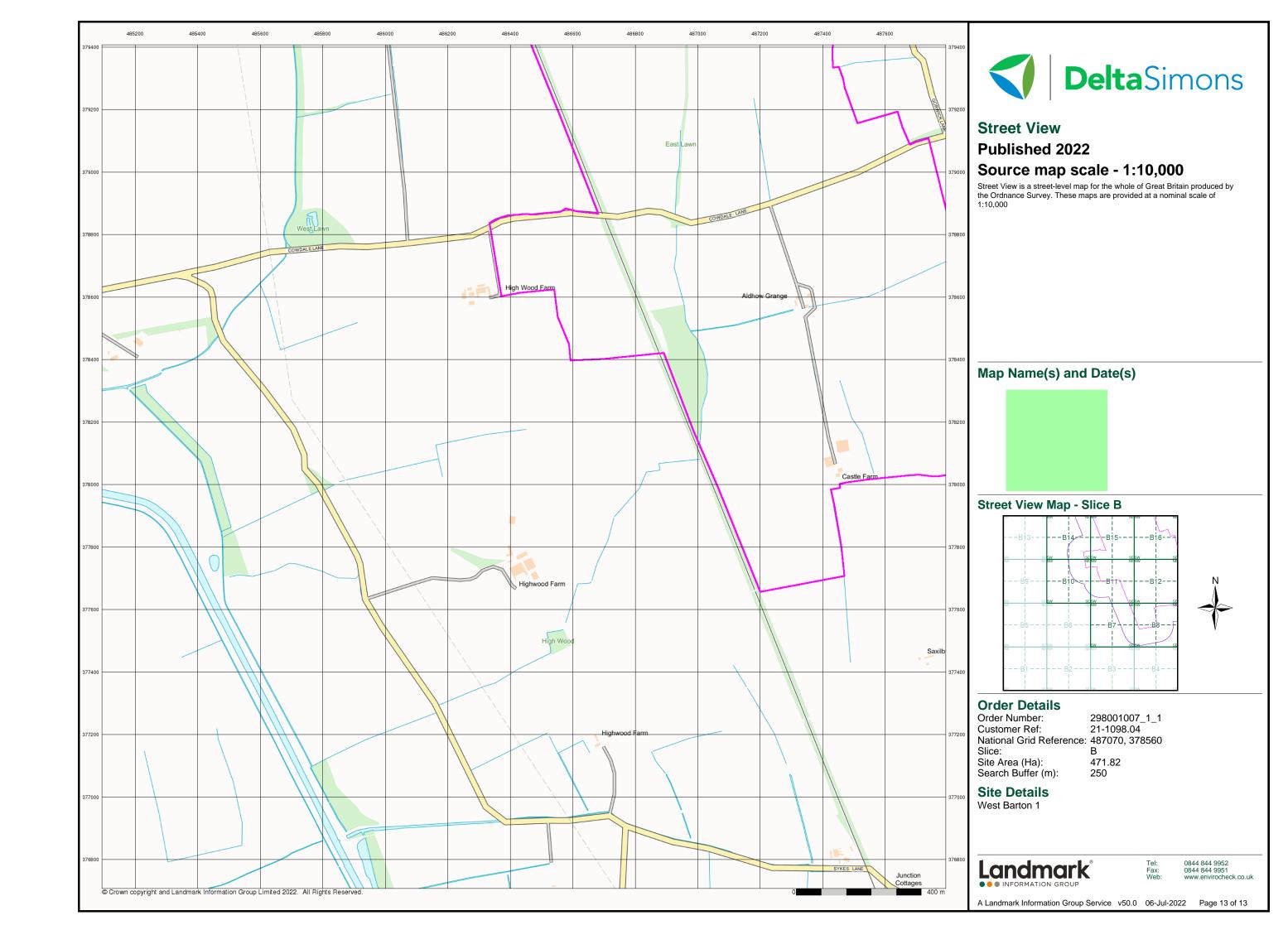
298001007\_1\_1 21-1098.04 National Grid Reference: 487070, 378560

471.82

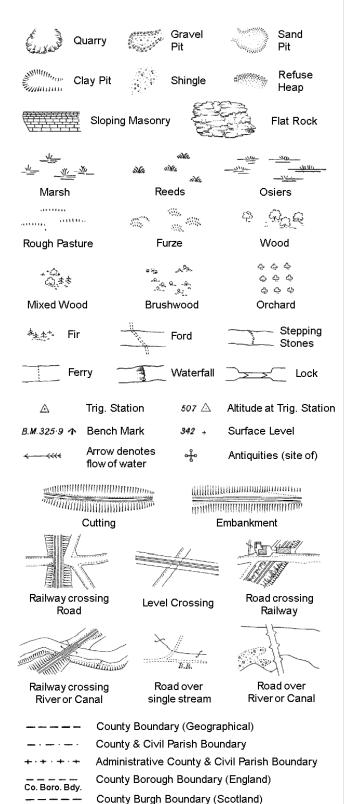


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### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough Well

S.P

T.C.B

Sl.

Tr:

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

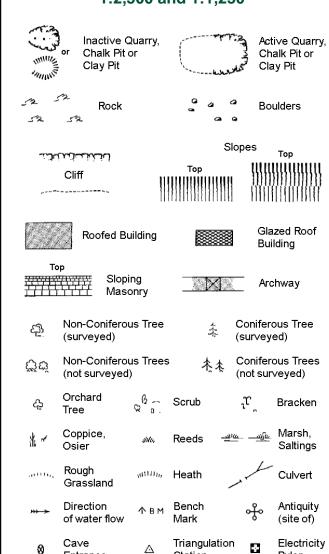
B.R.

EP

F.B.

M.S

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



**Electricity Transmission Line** 

County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	Beer House	Р	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
EIP	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

GVC

Gas Governer

Mile Post or Mile Stone

Guide Post

Manhole

Wd Pp

Wind Pump Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

# 1:1,250

Slopes

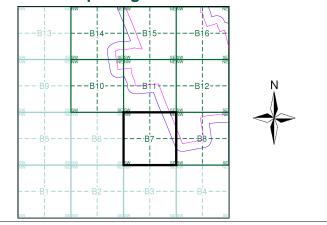
الماليات	لانتخاب		Sid	opes	Тор
	Cliff		Тор	<b>               </b> 	
520	Rock		52	Rock (so	cattered)
$\triangle_{a}$	Boulders		$\triangle$	Boulders	s (scattered)
	Positioned Bo	oulder		Scree	
<u>දකු</u>	Non-Coniferd (surveyed)	ous Tree	本	Coniferd (surveye	ous Tree ed)
ζţά	Non-Coniferd (not surveyed		* **	Coniferd (not sur	ous Trees veyed)
දා	Orchard Tree	Q 6 .	Scrub	$^{\jmath}\mathcal{U}_{\downarrow}$	Bracken
* ~	Coppice, Osier	siHte,	Reeds 🛥	<u>। ल — ग्र</u> ीह	Marsh, Saltings
antitu,	Rough Grassland	umm,	Heath	1	Culvert
<del>&gt;&gt;&gt;</del>	Direction of water flow	Δ	Triangulatior Station	, &	Antiquity (site of)
E <u>T</u> L	Electricity	Transmis	ssion Line	$\boxtimes$	Electricity Pylon
\ ₩ BM	231.60m Ber	ıch Mark		Building Building	
	Roofed	Building		81	azed Roof uilding
	— Di — Co Bo al·	strict bou ounty bou oundary p oundary r	-	ol (note:	
Bks Bty Cemy Chy Cis Dismtd R El Gen St	-	-	P PO PC Pp Ppg Sta PW Sewage P	Post Offi Public C Pump Pumping Place of	onvenience s Station
EI P EI Sub St FB Fn I D Fn Gas Gov	Electricity Pol a Electricity Sul Filter Bed	o Station	SB, S Br SP, SL Spr Tk Tr	Signal B	ox or Bridge ost or Light
CVC	Cas Causerna		Wel Do	Wind Du	ma in



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6

### **Historical Map - Segment B7**



#### **Order Details**

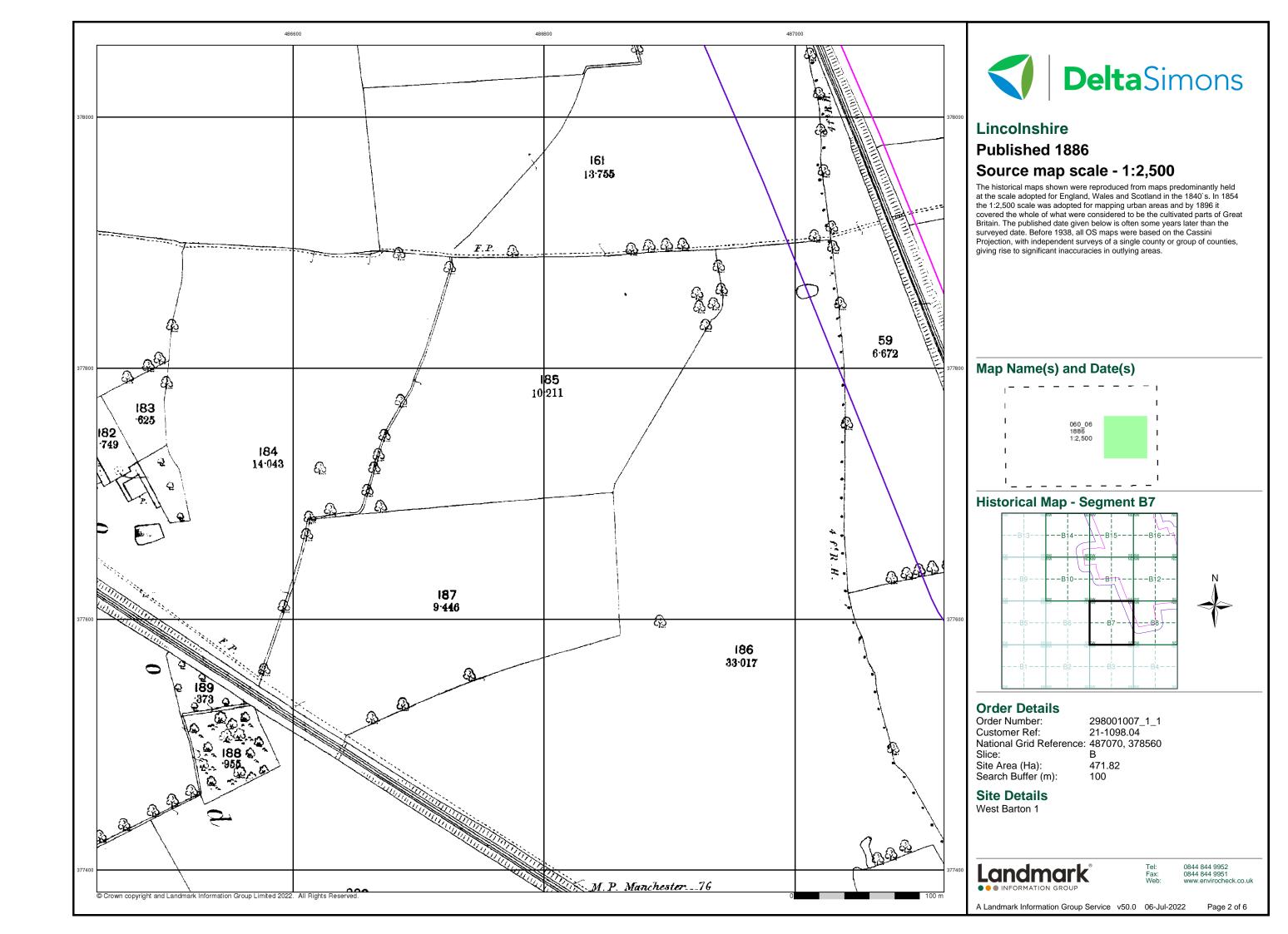
Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 487070, 378560 Slice:

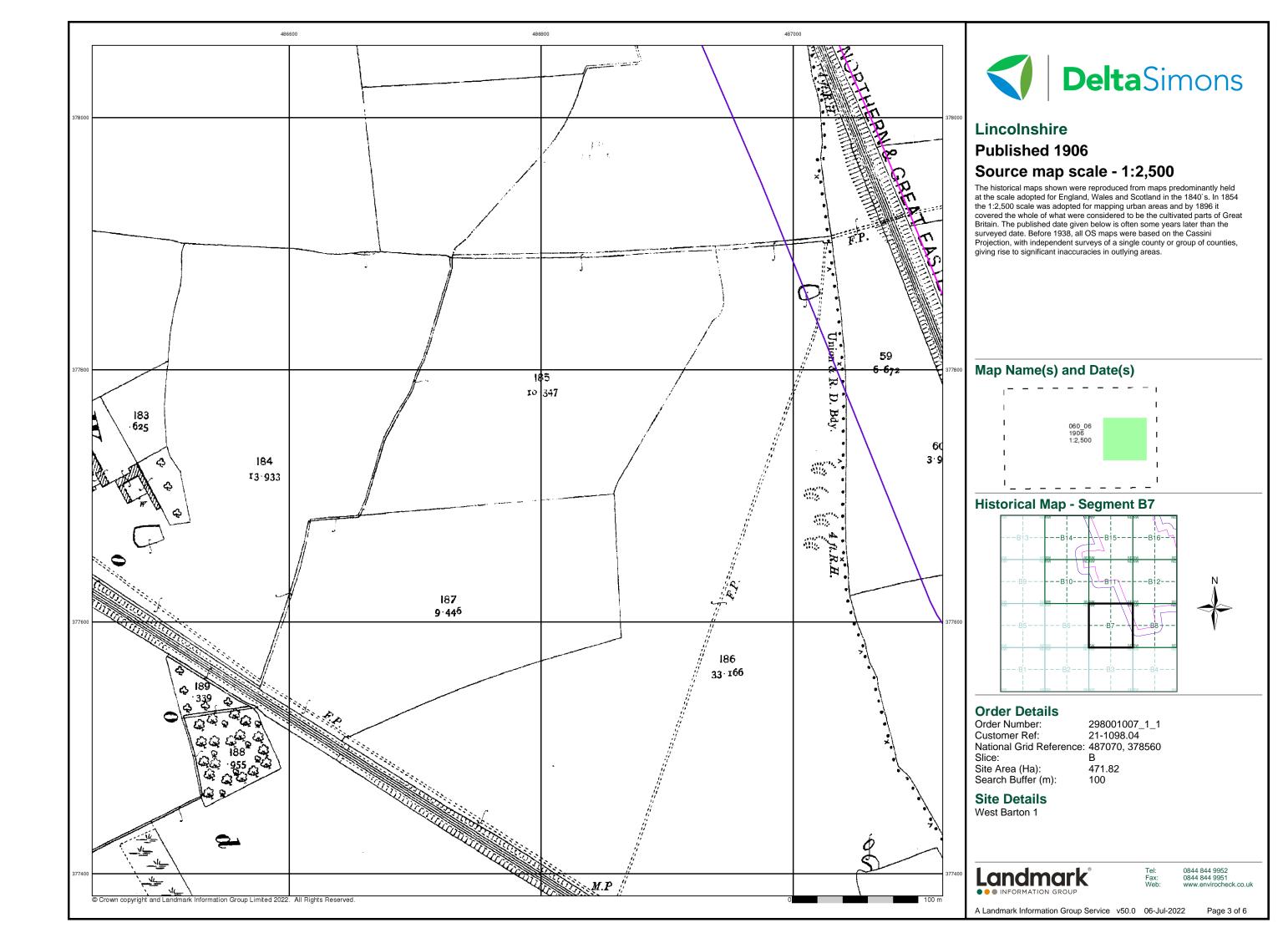
471.82 Site Area (Ha): Search Buffer (m): 100

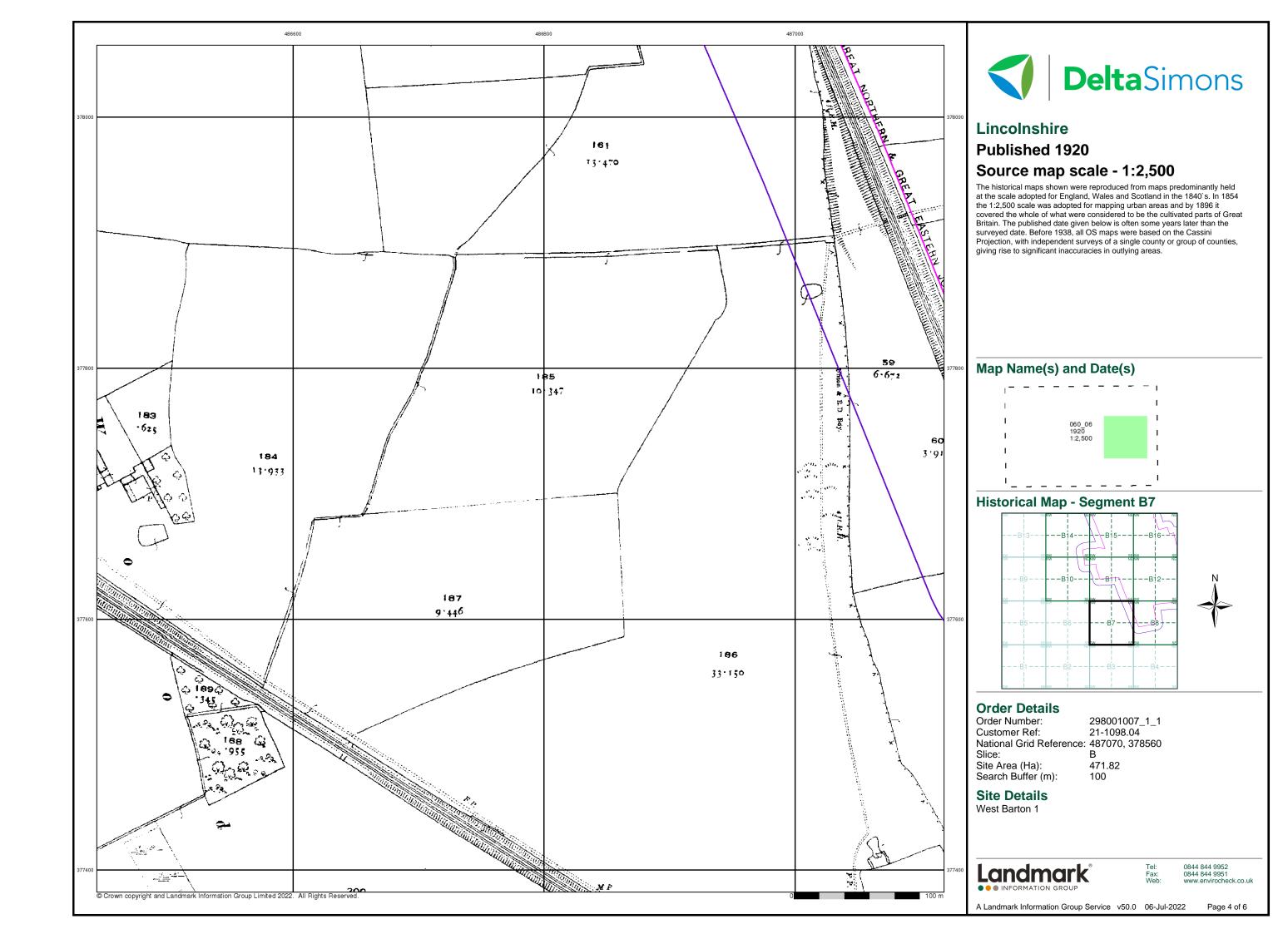
#### **Site Details** West Barton 1

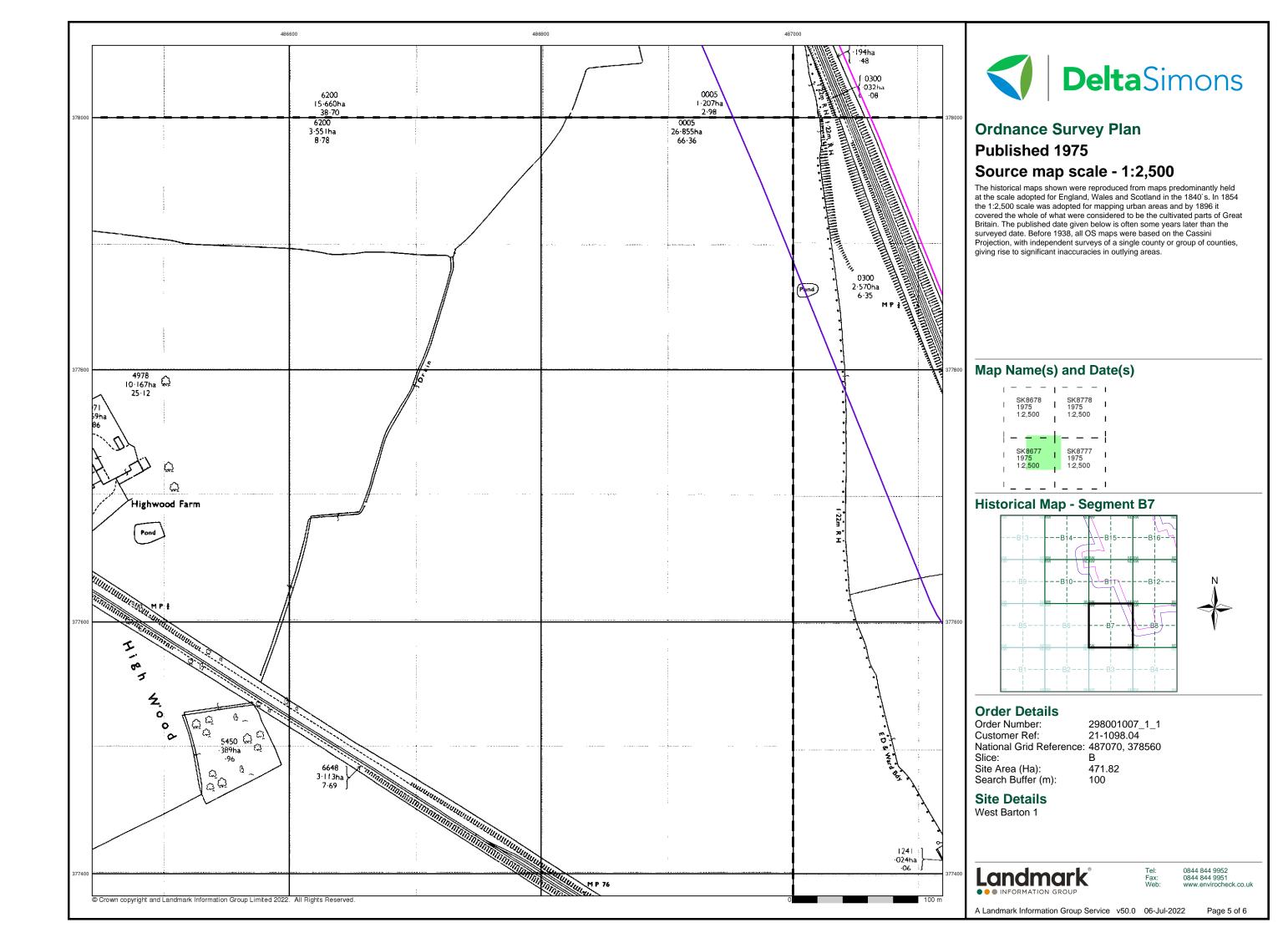
Landmark

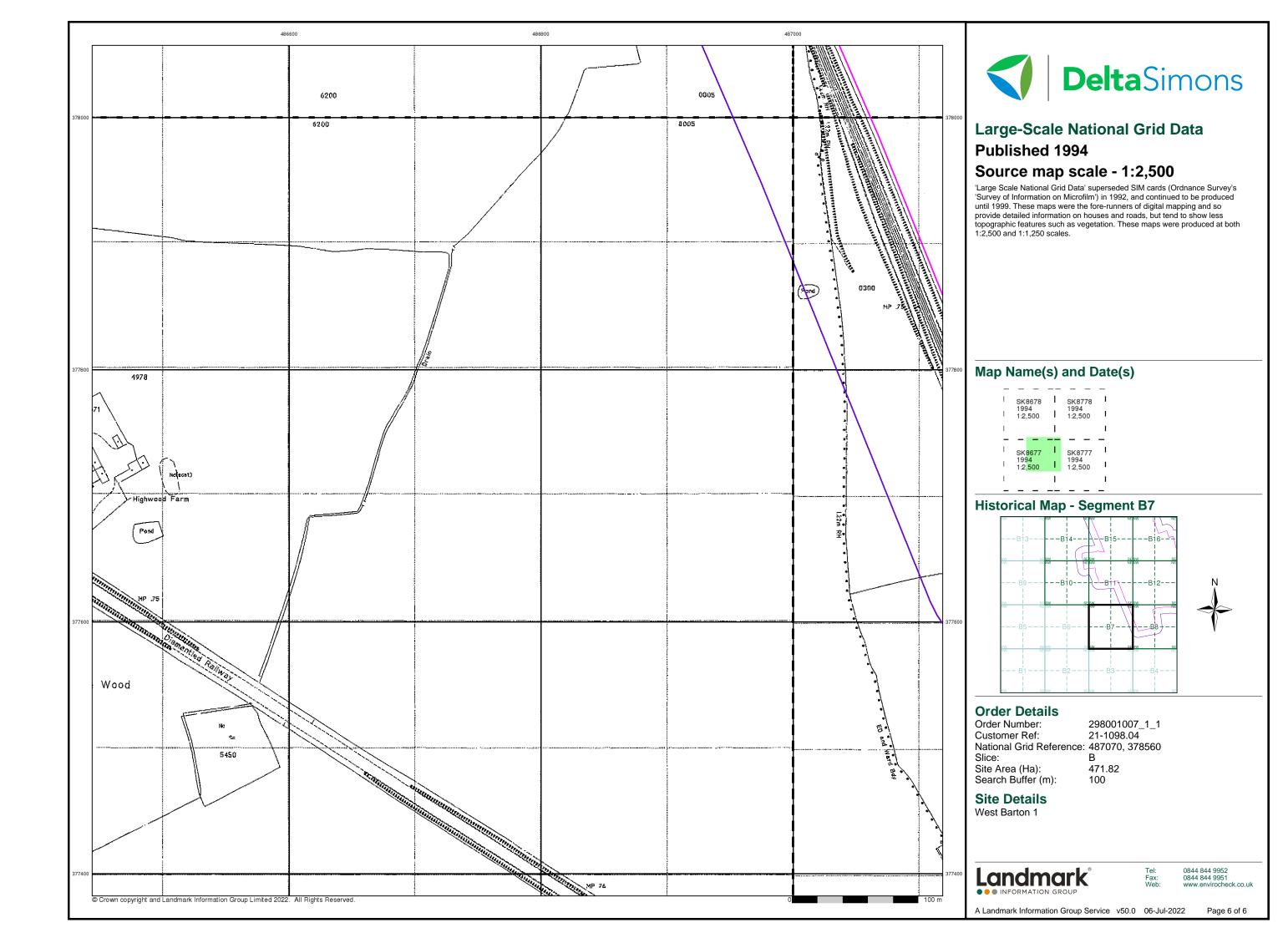
0844 844 9952 0844 844 9951



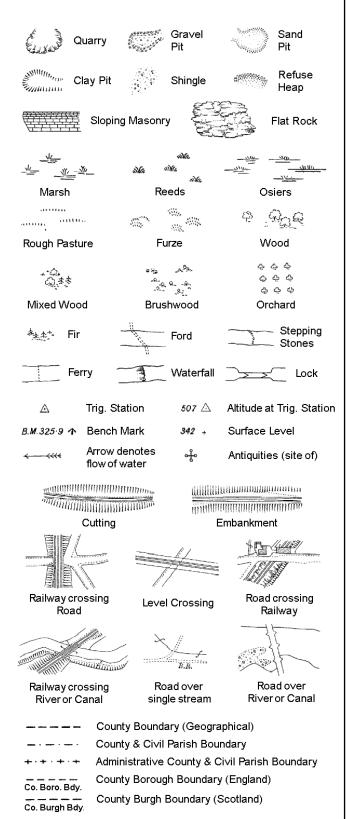








### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



B.R.

EP

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

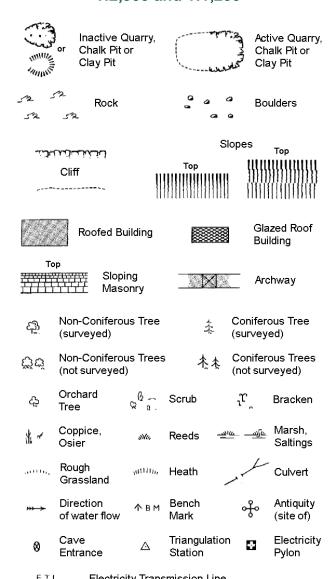
Well

S.P

Sl.

Tr:

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



E_TL Electricity Transmission Line
E_TL Electricity Transmission Line

	County Boundary (Geographical)
	County & Ci∨il Parish Boundary
	Ci∨il Parish Boundary
· <del></del> · ·	Admin. County or County Bor. Boundary
L B Bdy	London Borough Boundary
24	Symbol marking point where boundary mereing changes

вн	Beer House	Р	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
EIP	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

770-CV		9	Slopes Top	
		Top		<b> }</b>
525	Rock	52	Rock (scattered	d)
$\triangle_{\Delta}$	Boulders	₽	Boulders (scatt	ered)
	Positioned Boulde	r 🎄	Scree	
<u> </u>	Non-Coniferous To (surveyed)	ree ‡	Coniferous Tre (surveyed)	е
ਨੁੱਖ	Non-Coniferous To (not surveyed)	rees 大夫	Coniferous Tre (not surveyed)	es
දා	Orchard గ్ర Tree <sup>©</sup>	⊊ Scrub	າ <sup>າ</sup> Brack	en
* ~	Coppice, Osier	‰ Reeds ⁻	<u>அடி அட</u> Marsh Saltin	*
A11111,	Rough "III Grassland	un, Heath	Culve	rt
<del>&gt;&gt;&gt; →</del>	Direction displayed	∆ Triangulation	on 😽 Antiqu (sited	
E_TL	_ Electricity Tran	smission Line	⊠ Electi Pylon	
/F/ BM	231.60m Bench M	lark	Buildings with Building Seed	
	Roofed Build	ing	Glazed R Building	oof
	· • • Civil pa	ırish/community	boundary	
		: boundary	•	
_ •	—— County	boundary		
٥	Bounda	ary post/stone		
	Bounda	ary mereing sym	bol (note: these	
٥	always of three		sed pairs or group	s
Bks	Barracks	P	Pillar, Pole or Pos	t
Bty Cemv	Battery Cemeters	PO PC	Post Office Public Convenier	nce
Chy	Cemetery Chimney	Pp	Pump	100
Cis	Cistern	Ppg Sta	•	
Dismtd R	ly Dismantled Railw	-	Place of Worship	
El Gen St	a Electricity General Station	ating Sewage	Ppg Sta Sewage Pumping S	Station
EIP	Electricity Pole, Pilla		r Signal Box or Bri	dge
El Sub St	a Electricity Sub Stati	on SP, SL	Signal Post or Lig	jht
FB	Filter Bed	Spr	Spring	
Fn / D Fn	Fountain / Drinking	Ftn. Tk	Tank or Track	

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

GVC

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Wd Pp

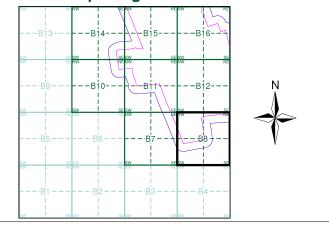
Wks



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6

### **Historical Map - Segment B8**



#### **Order Details**

Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 487070, 378560 Slice:

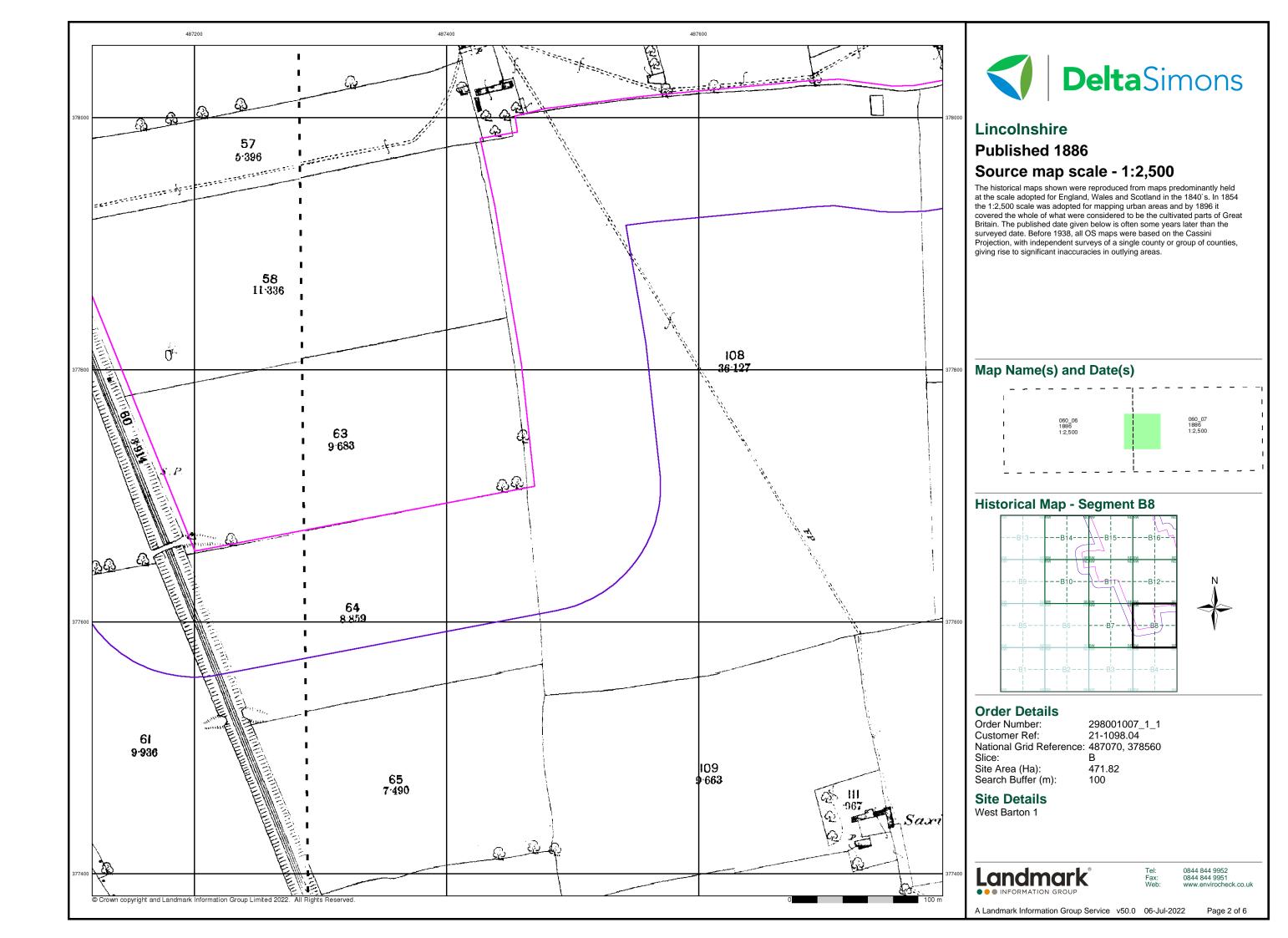
471.82 Site Area (Ha): Search Buffer (m): 100

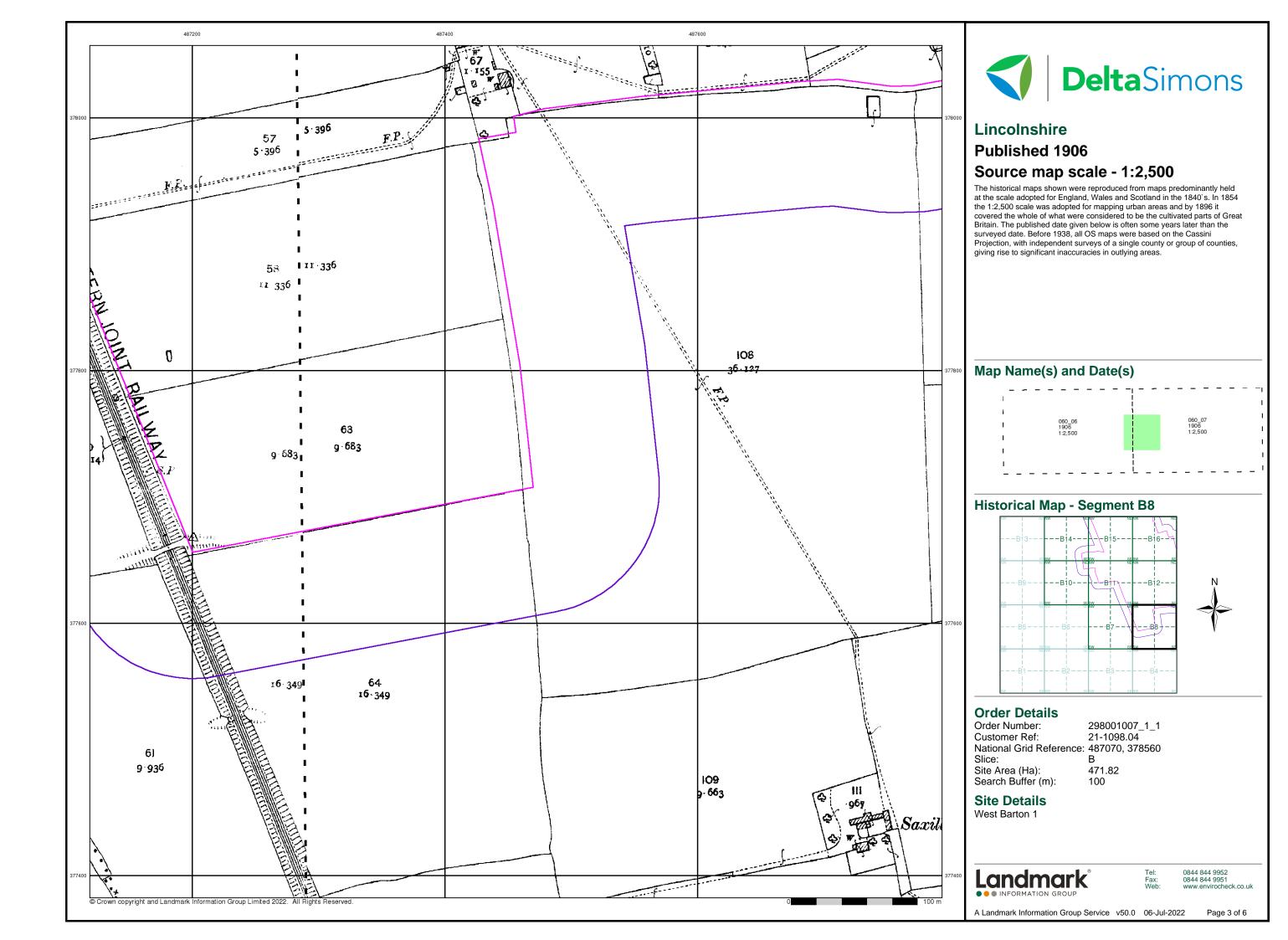
**Site Details** 

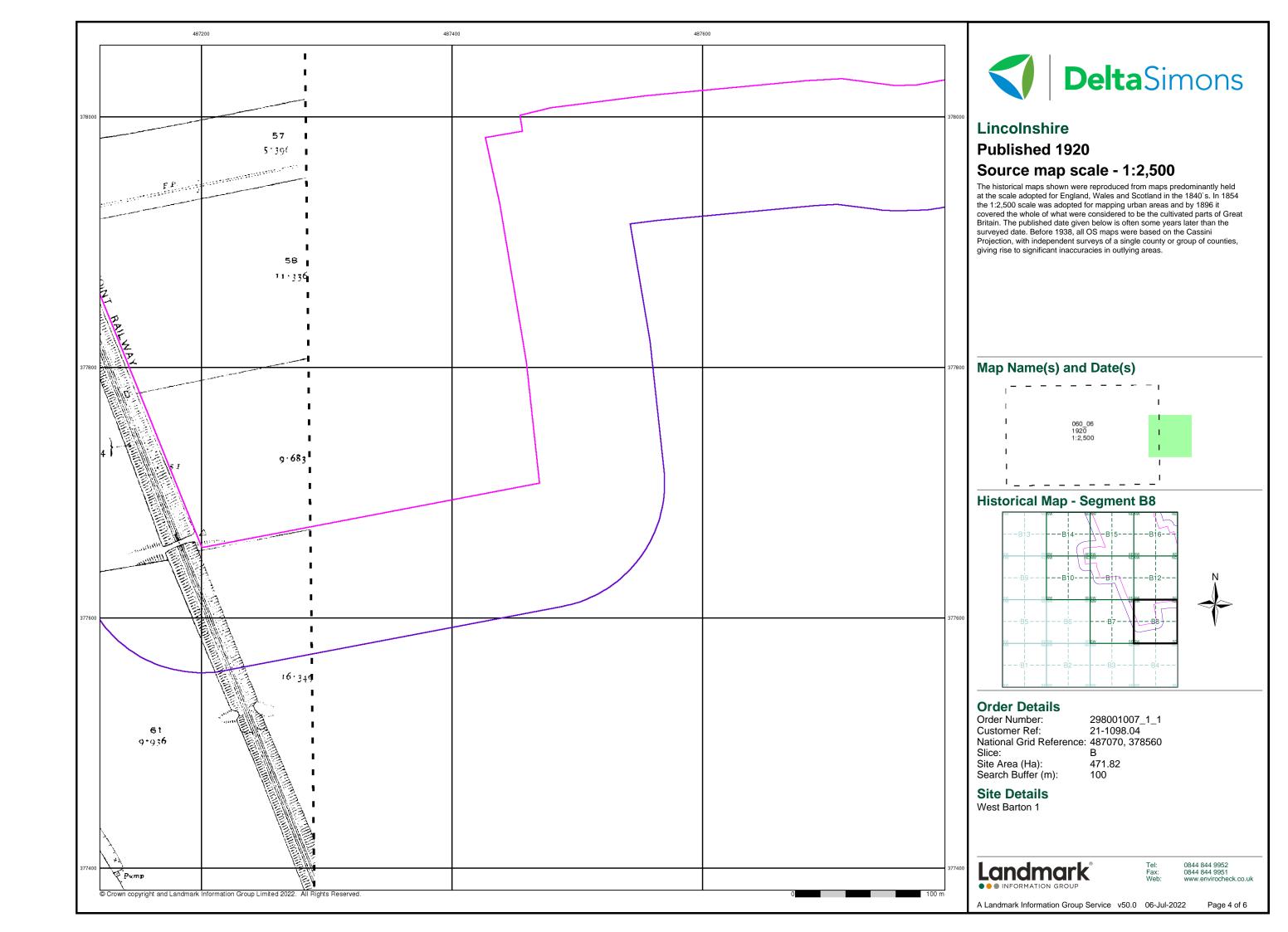
West Barton 1

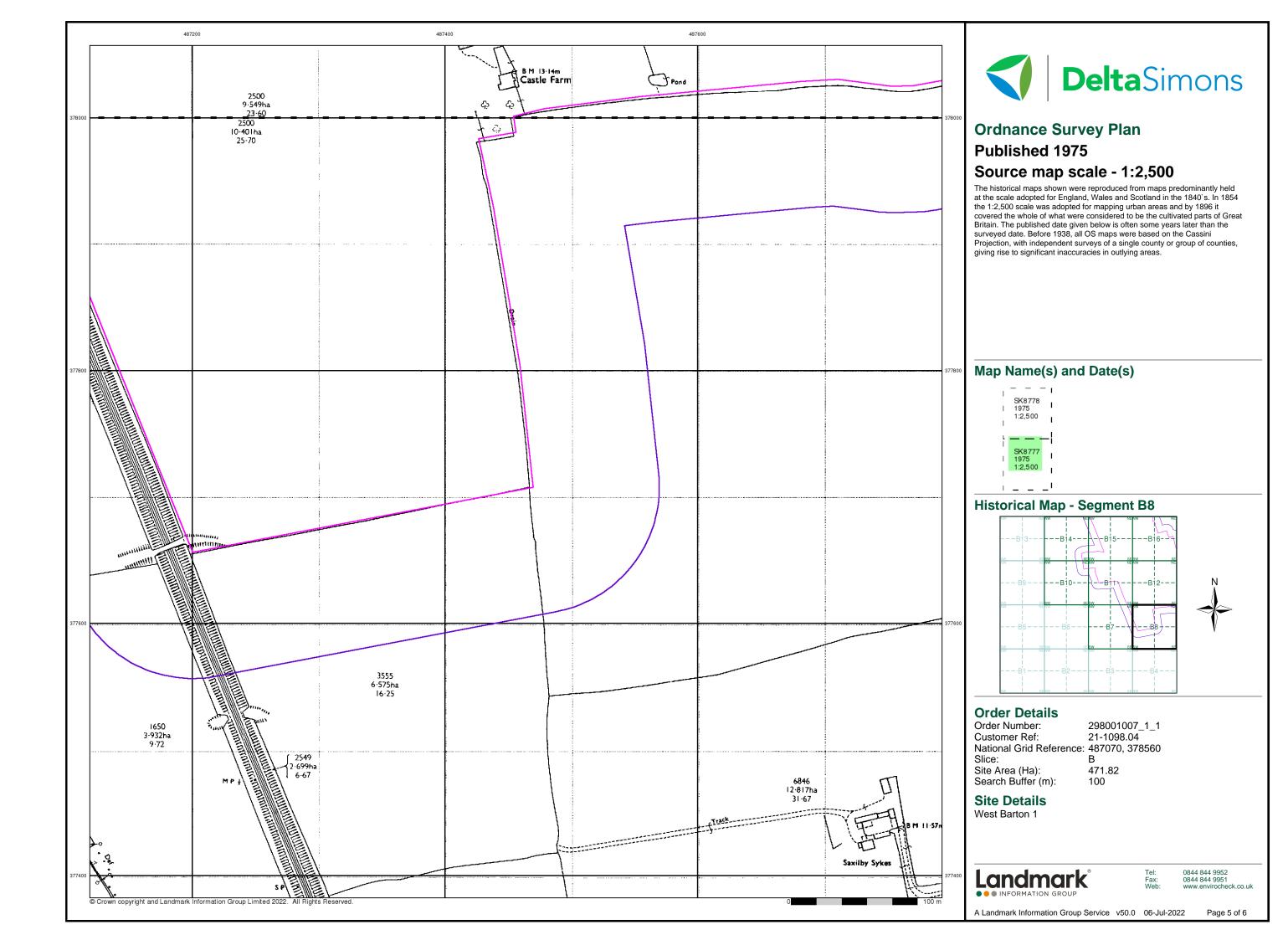


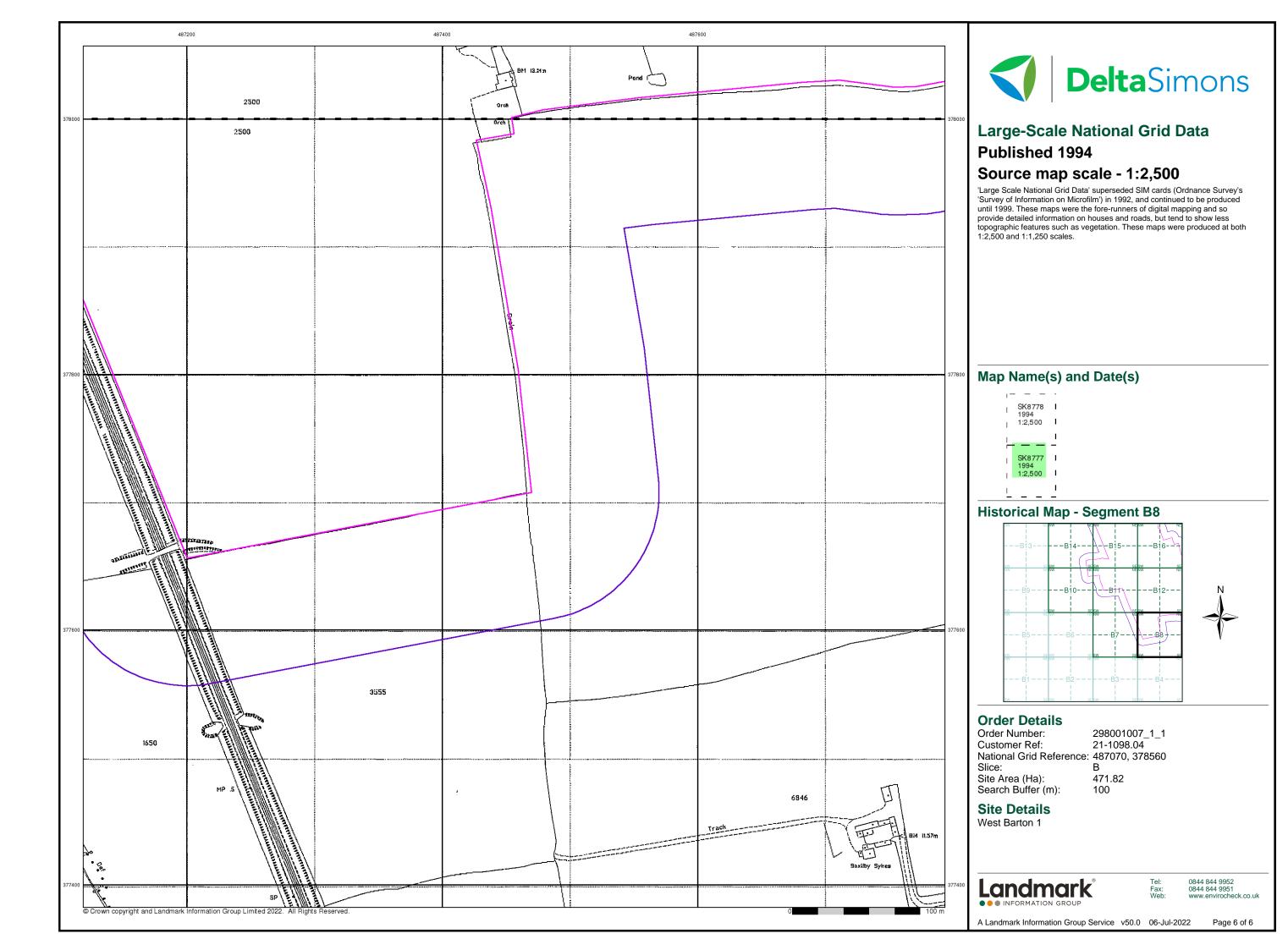
0844 844 9952 0844 844 9951



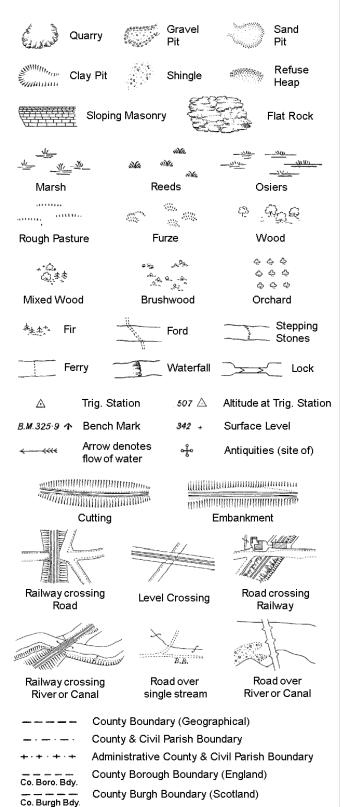








### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

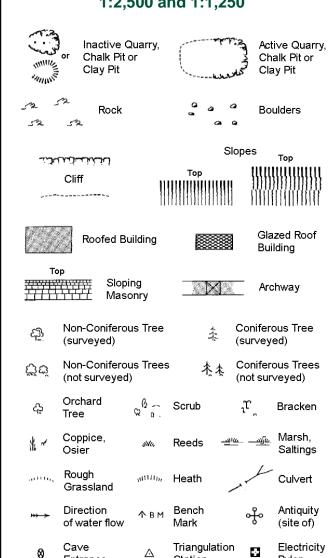
Trough Well

S.P

Sl.

Tr:

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



ETL	Electricity Transmission Line
	County Boundary (Geographical)

County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	Beer House	Р	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
EIP	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt, WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

GVC

Gas Governer

Mile Post or Mile Stone

**Guide Post** 

Manhole

Wd Pp

Wks

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

# 1:1,250

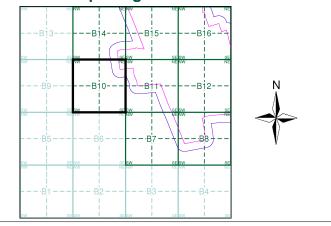
	-	Slo	opes <sub>Ton</sub>
	 Uthuh	Тор	Top
	Cliff	HINIMANA	)))))))
	[]]		
523	Rock	7,5	Rock (scattered)
$\Box_{a}$	Boulders	<i>\triangle</i>	Boulders (scattered)
	Positioned Boulder		Scree
<u>දක</u>	Non-Coniferous Tree (surveyed)	*	Coniferous Tree (surveyed)
ర్గోల్	Non-Coniferous Trees (not surveyed)	* **	Coniferous Trees (not surveyed)
ఢ	Orchard $Q = \widehat{Q} = $	Scrub	<sub>າ</sub> ຕຸ Bracken
* ~	Coppice, Osier	Reeds 🛥	اسسيند Marsh, Saltings
arttir,	Rough ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Heath	Culvert
<del>*** &gt;</del>	Direction $ riangle$ of water flow	Triangulation Station	Antiquity (site of)
E <u>TL</u>	_ Electricity Transmis	ssion Line	Electricity Pylon
<b>/</b> ₹/ вм	231.60m Bench Mark	7	Buildings with Building Seed
	Roofed Building		Glazed Roof Building
	• • • Civil parish	/community b	oundary
	— District box		
_ •	— County boo	ındary	
c	Boundary p	ost/stone	
£			ol (note: these ed pairs or groups
Bks	Barracks	Р	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd F		PW -	Place of Worship
El Gen S	ta Electricity Generating Station	Sewage P	pg Sta Sewage Pumping Station
EIP	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub S	ta Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fr	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
01/0		147-L D	Maria de Decessor



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1974 - 1975	5
Large-Scale National Grid Data	1:2,500	1994	6

### **Historical Map - Segment B10**



#### **Order Details**

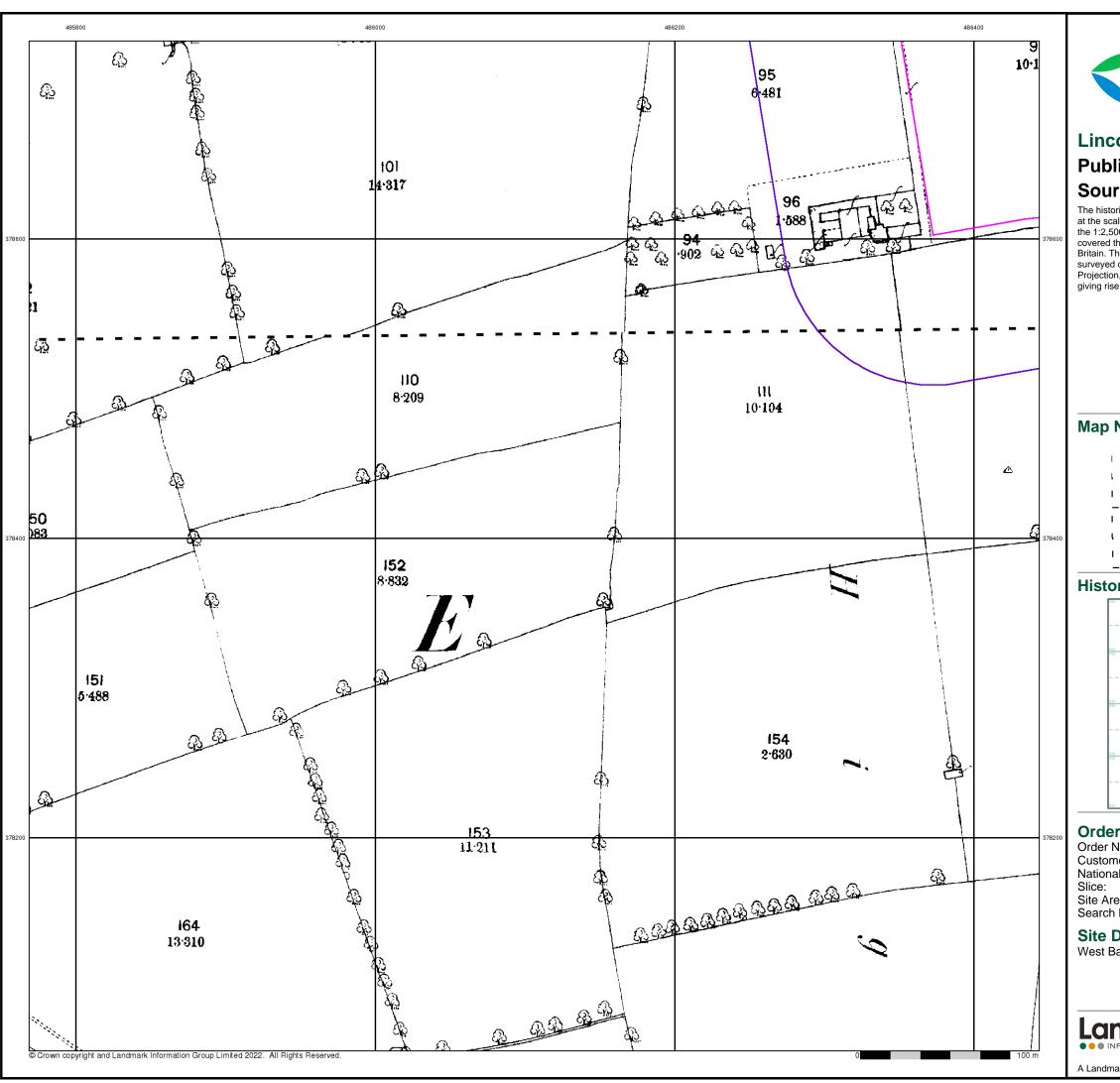
Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 487070, 378560 Slice:

471.82 Site Area (Ha): Search Buffer (m): 100

#### **Site Details** West Barton 1



0844 844 9952 0844 844 9951



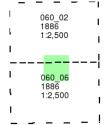


# **Published 1886**

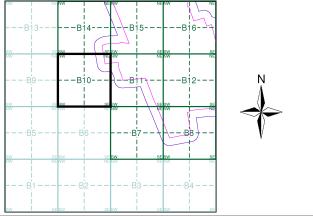
### Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

### Map Name(s) and Date(s)



### **Historical Map - Segment B10**



#### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 487070, 378560 В

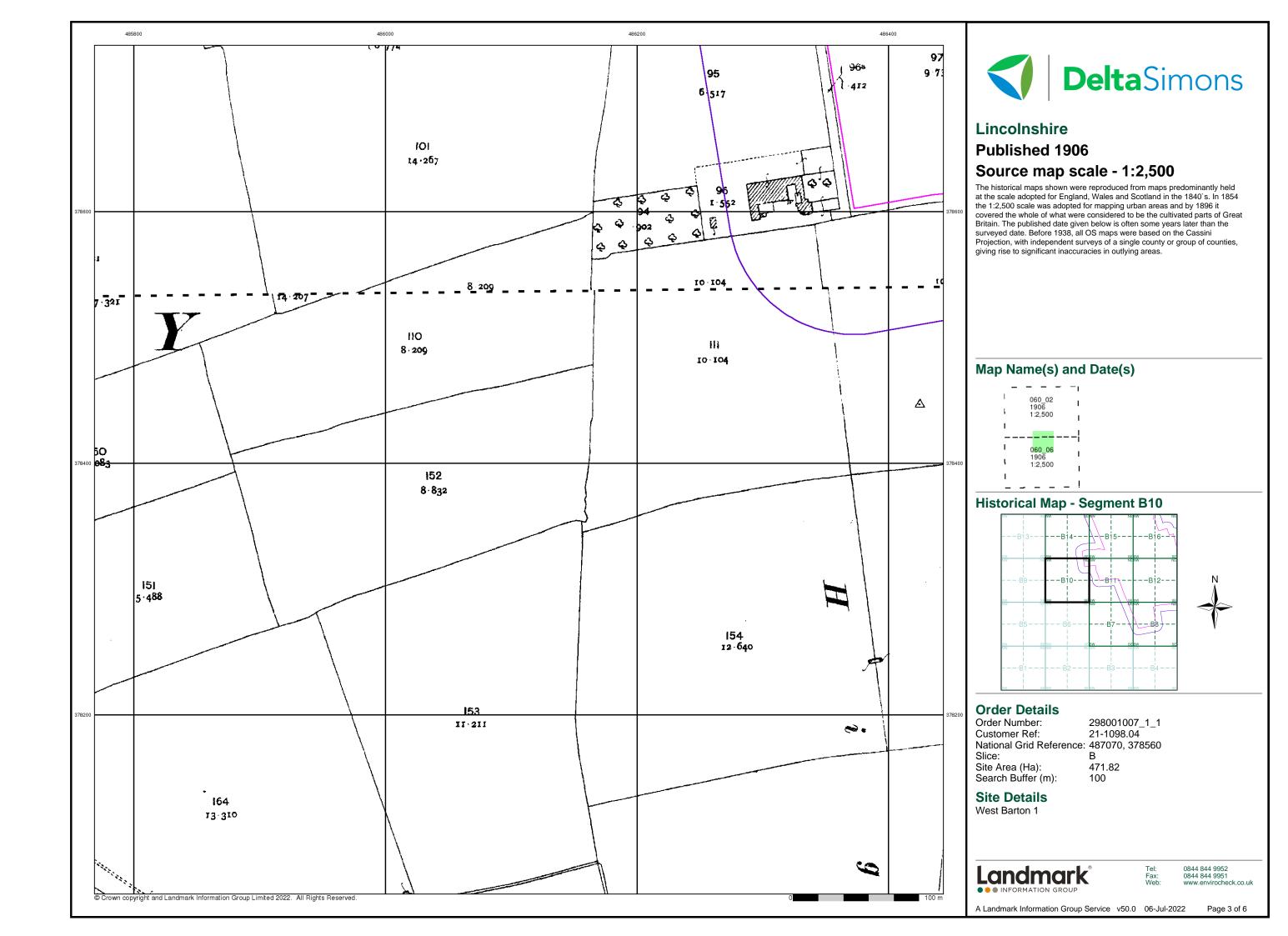
Site Area (Ha): Search Buffer (m): 471.82 100

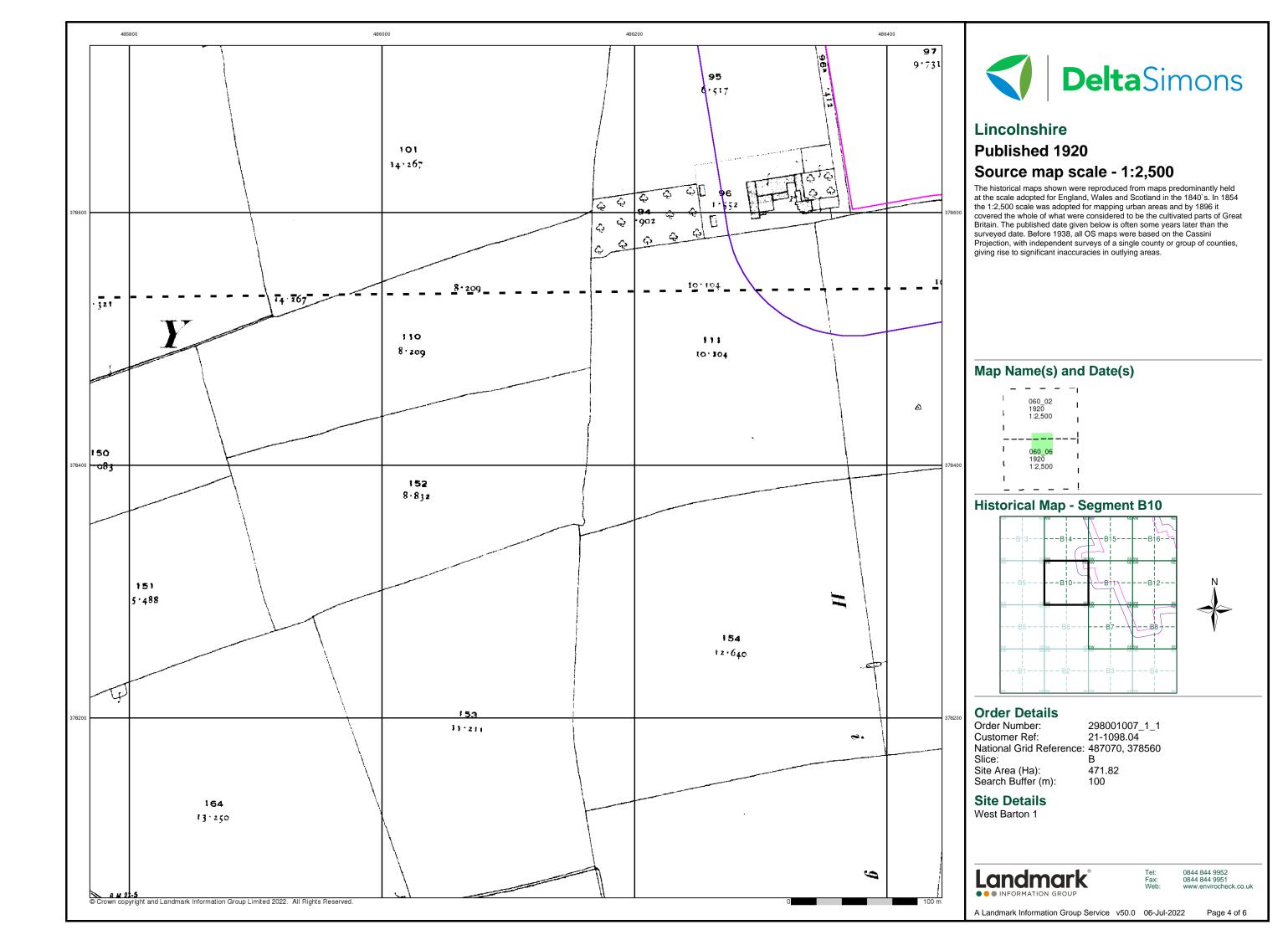
### **Site Details**

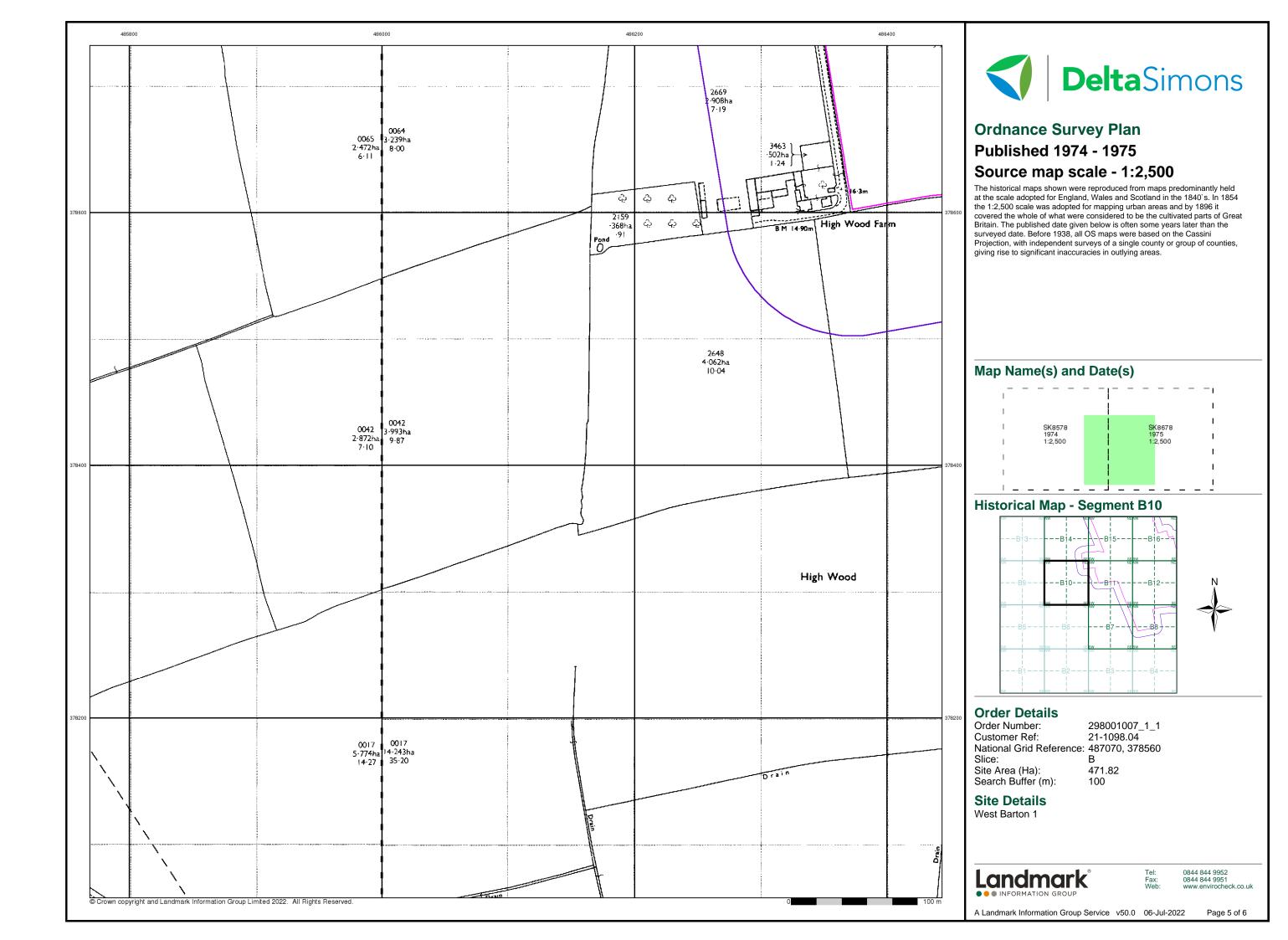
West Barton 1

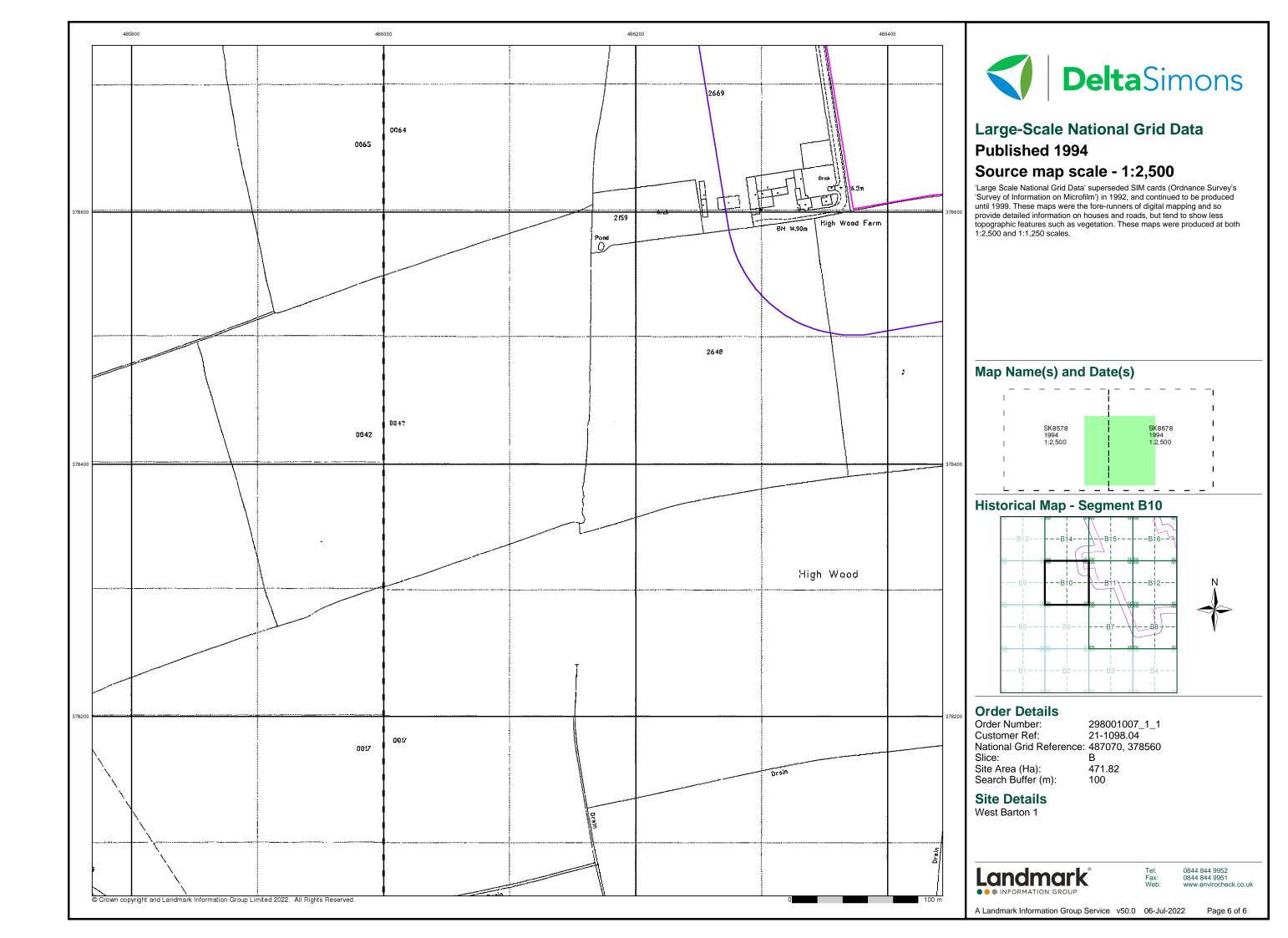
Landmark

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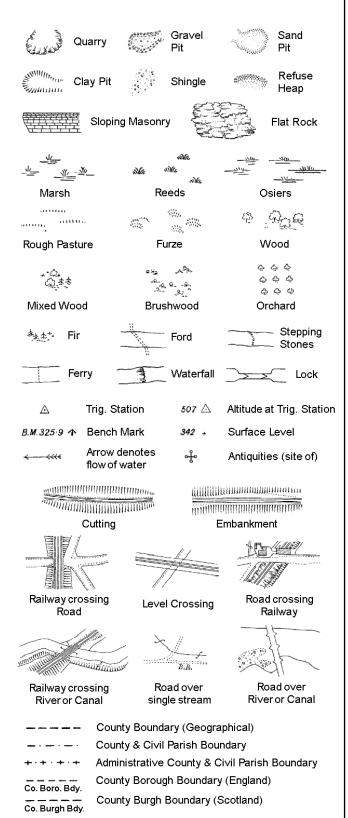








### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



B.R.

EP

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

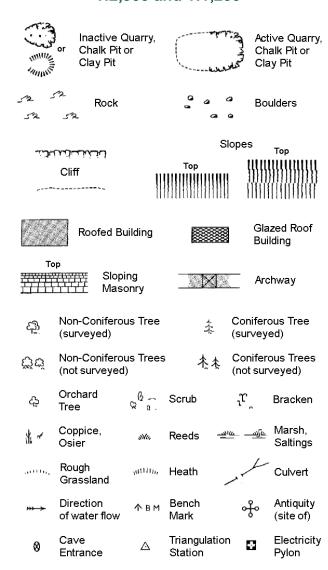
Well

S.P

Sl.

Tr:

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



**Electricity Transmission Line** 

	County Boundary (Geographical)
. — . — .	County & Ci∨il Parish Boundary
	Ci∨il Parish Boundary
· <del></del> · ·	Admin. County or County Bor. Boundary
L B Bdy	London Borough Boundary
27	Symbol marking point where boundary mereing changes

вн	Beer House	Р	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
EIP	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

_			Sle	opes	Тор
	لكنائبات		Тор	111111	1111111111111
	Cliff	1111	HANDINA		))))))))))
,-====				111111	111111111111111111111111111111111111111
523	Rock		52	Rock (s	scattered)
$\triangle_{a}$	Boulders		0	Boulder	rs (scattered)
$\triangle$	Positioned	Boulder		Scree	
<u>දක</u>	Non-Conif	erous Tree )	*	Conifer (surve)	rous Tree /ed)
ජ්ප්	Non-Conife (not surve	erous Trees yed)	* **		rous Trees rveyed)
දා	Orchard Tree	Q 6 a .	Scrub	'n,	Bracken
* ~	Coppice, Osier	aVec	Reeds 🛥	100 <u>– 11</u> 00	Marsh, Saltings
, settler,	Rough Grassland	mun,	Heath	1	Culvert
<del>*** &gt;</del>	Direction of water flo	Δ	Triangulation Station	, of	Antiquity (site of)
E_TL	_ Electric	ity Transmis	ssion Line	$\boxtimes$	Electricity Pylon
/ <del>/</del> / ВМ	231.60m E	Bench Mark			ngs with ng Seed
	Roofe	ed Building		259	Blazed Roof Building
		Civil parish	/community b	oundary	ı
		District box	=		•
		County box	-		
	,	Boundary		ol (noto	· those
غر			mereing symb pear in oppos		
Bks	Barracks		Р	Pillar, P	ole or Post
Bty	Battery		PO	Post Of	
Cemy	Cemetery		PC		Convenience
Chy	Chimney		Pp Pna Sta	Pump	a Station
Cis Dismtd F	Cistern Rlv Disman	tled Railway	Ppg Sta PW	•	ig Station fWorship
El Gen S	ta Electric	ity Generating		pg Sta S	Sewage
EIP	Station Electricity	Pole, Pillar	SB, S Br		Pumping Station Box or Bridge
	ta Electricity		SP, SL	_	Post or Light
FB	Filter Bed	2	Spr	Spring	. Joe of Light
Fn/DFr		Drinking Ftn.	Tk	Tank or	·Track
00			T	Tuester	

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

GVC

Trough

Wind Pump Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Wd Pp

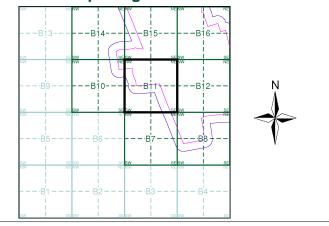
Wks



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6

### **Historical Map - Segment B11**



#### **Order Details**

Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 487070, 378560 Slice:

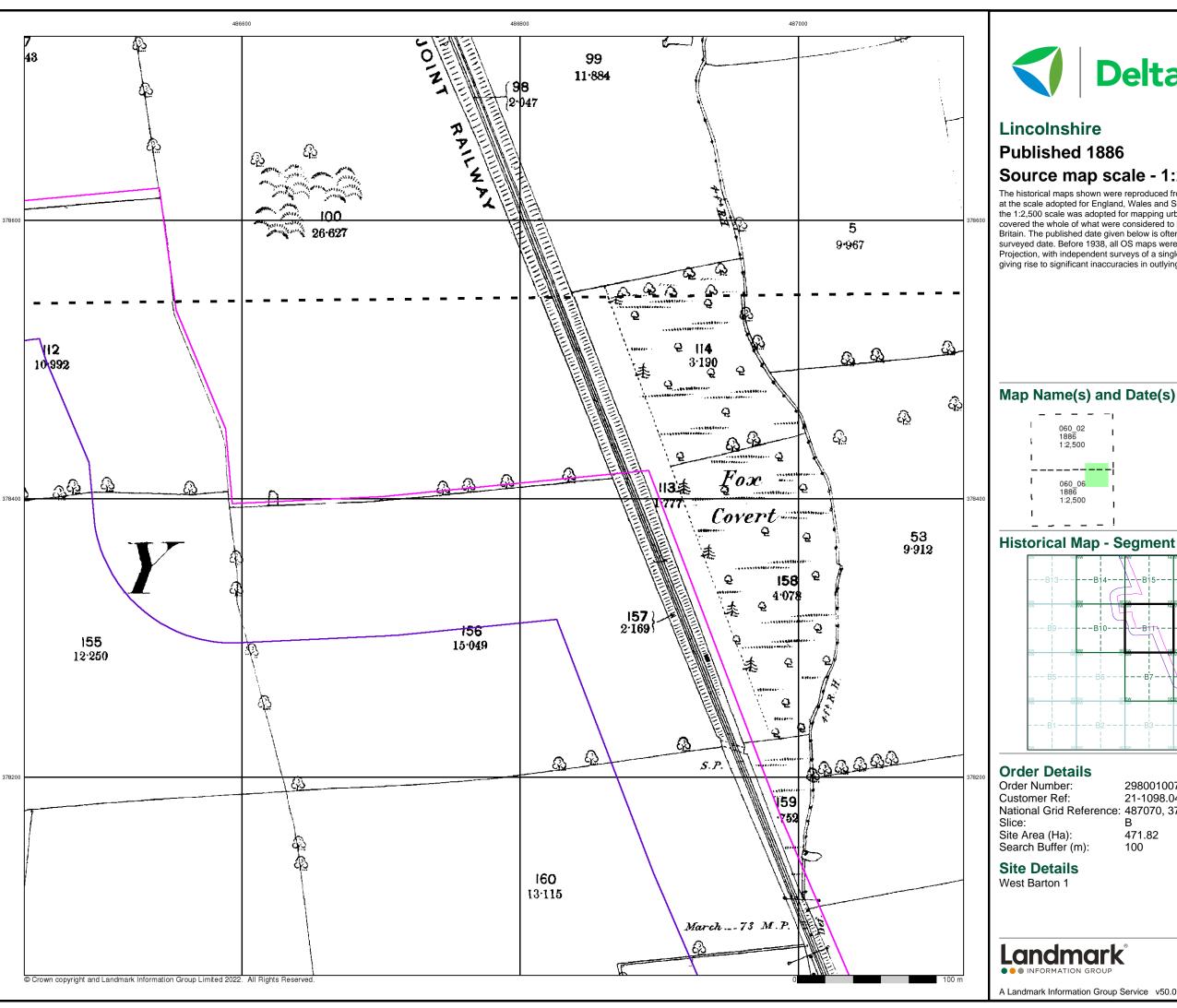
471.82 Site Area (Ha): Search Buffer (m): 100

### **Site Details**

West Barton 1



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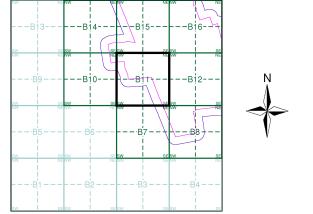




### Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

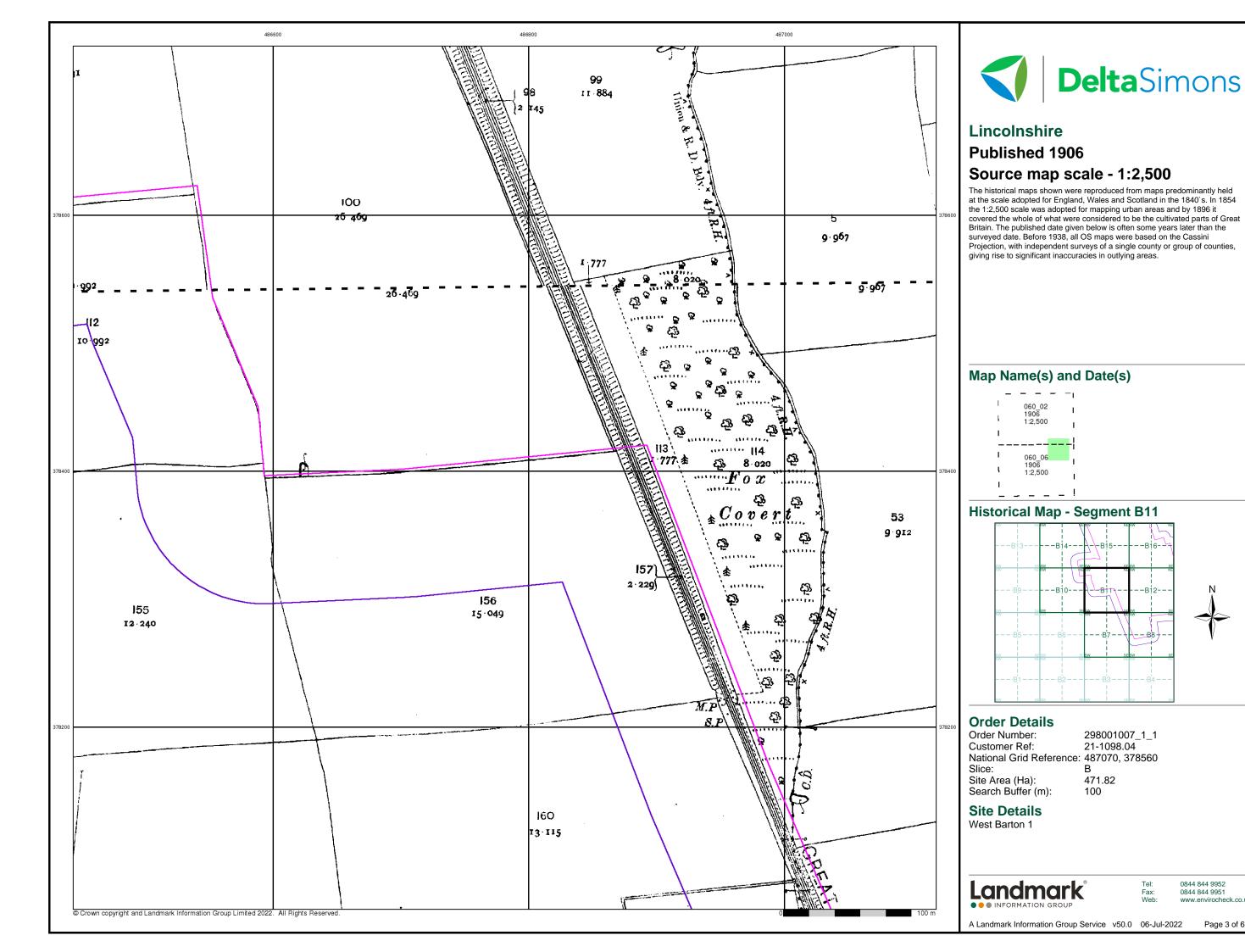
### **Historical Map - Segment B11**



298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 487070, 378560

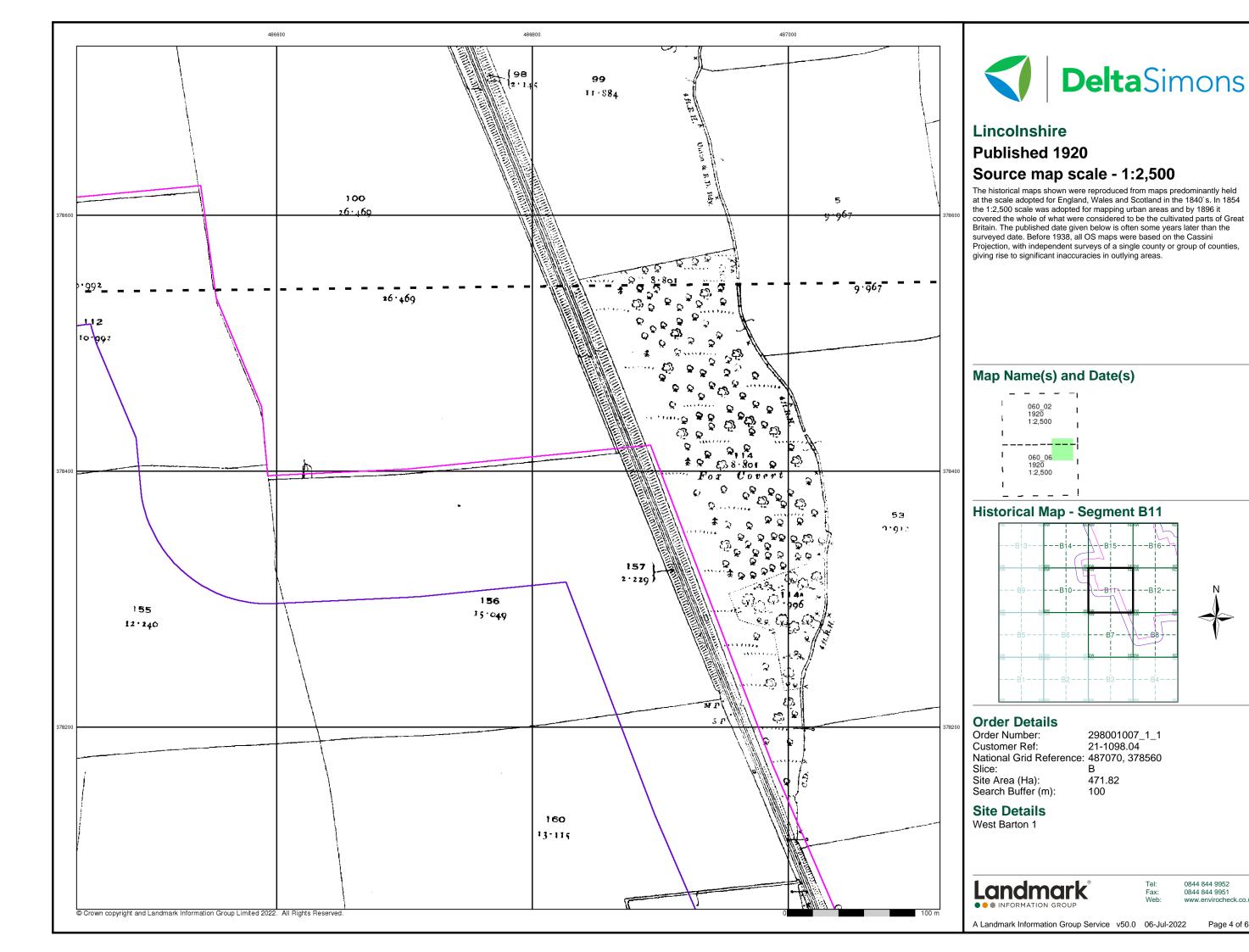
> 471.82 100

> > 0844 844 9952

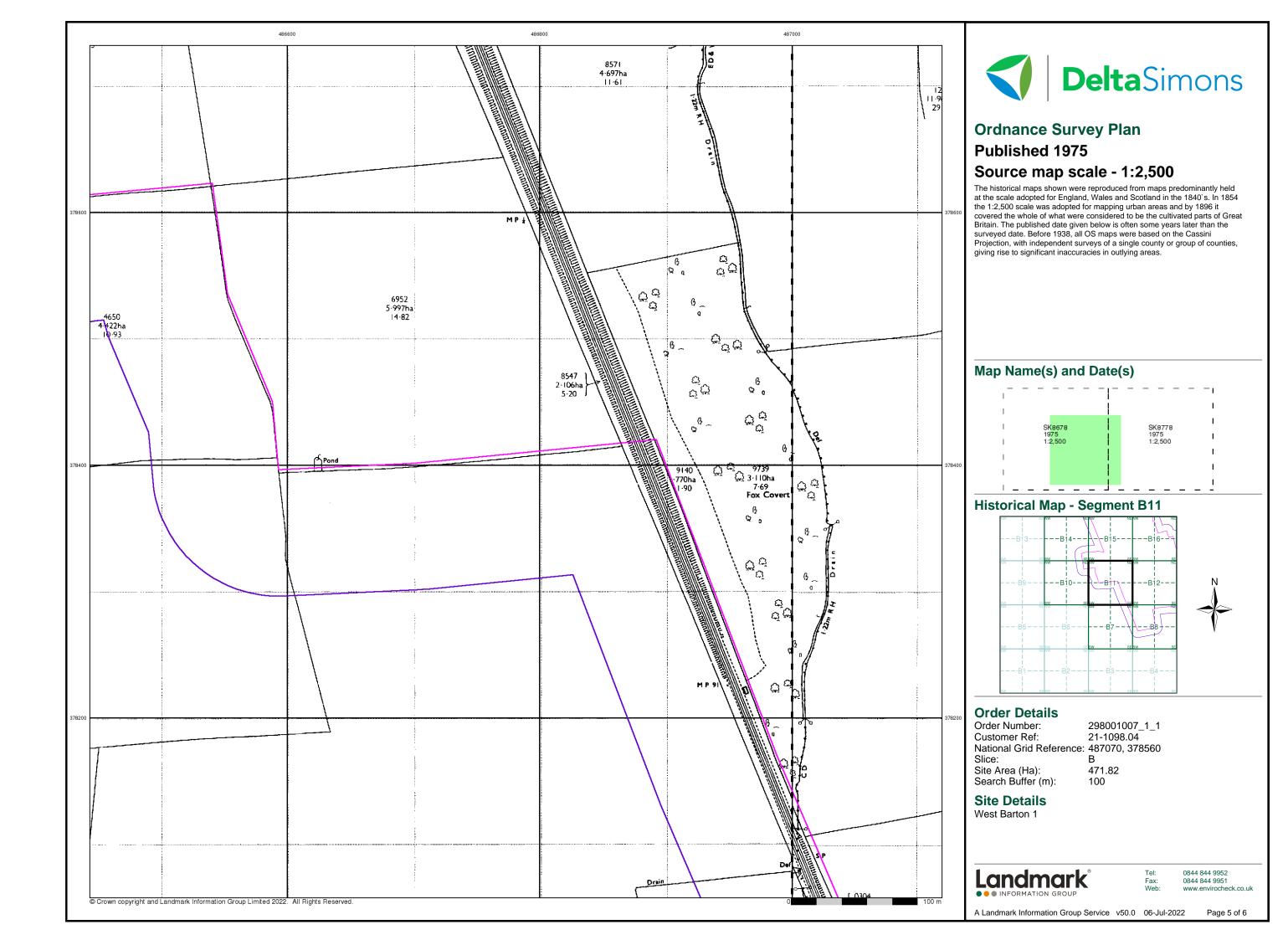


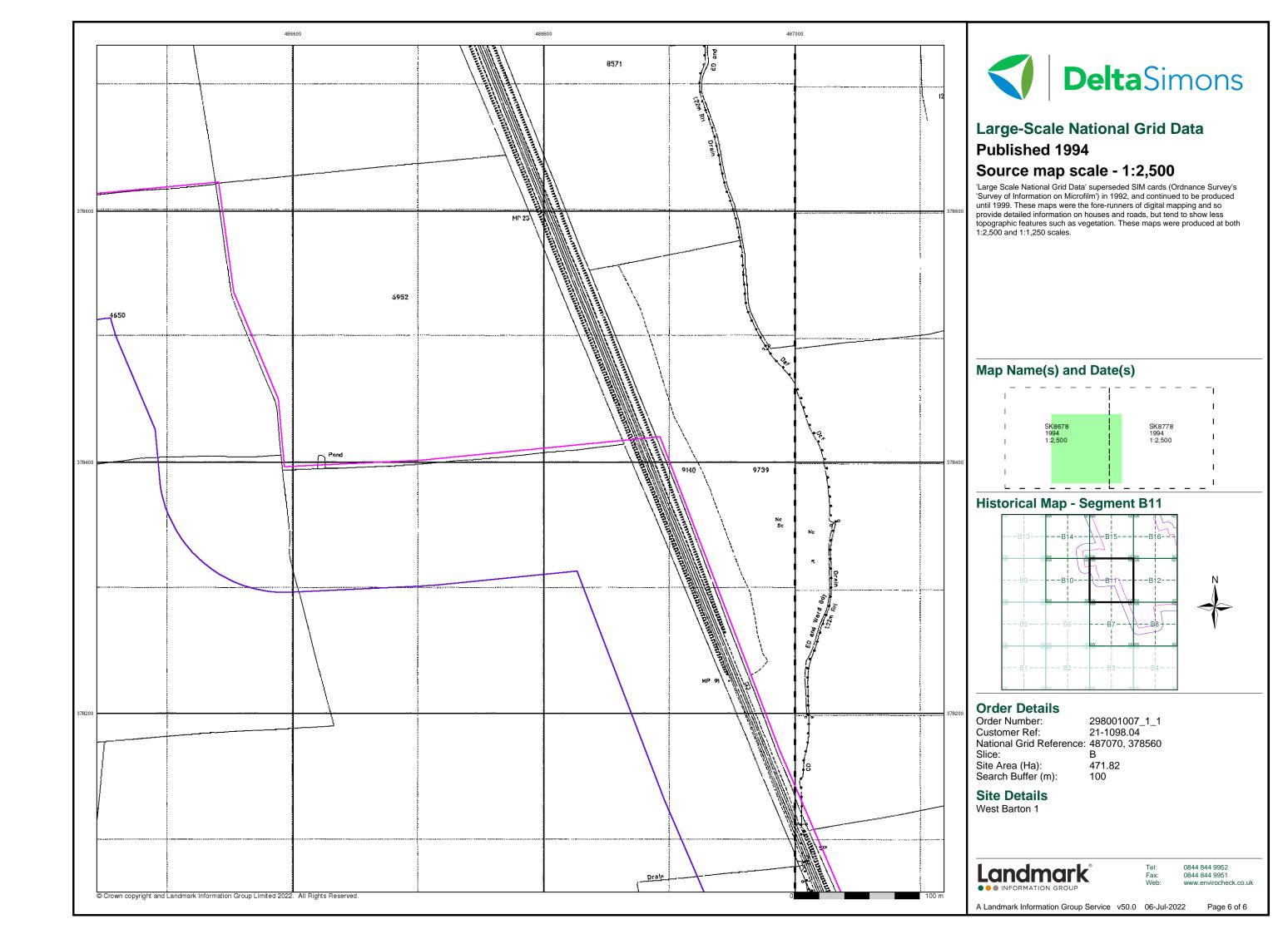
0844 844 9952

Page 3 of 6

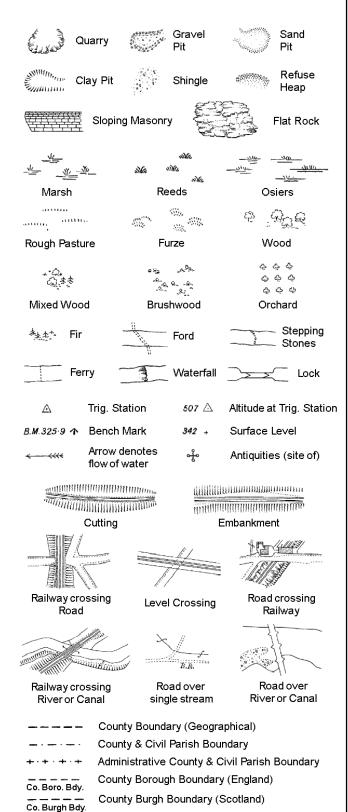


Page 4 of 6





### **Ordnance Survey County Series and Ordnance Survey Plan 1:2,500**



B.R.

EP

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

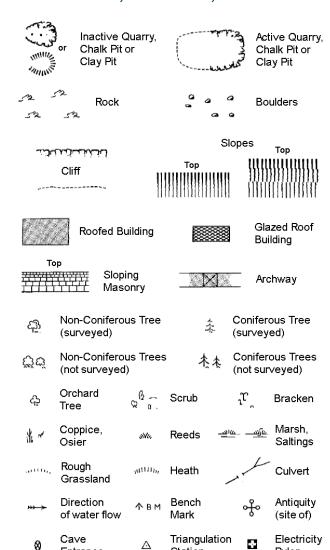
Well

S.P

Sl.

Tr:

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes

вн	Beer House	Р	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
EIP	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

GVC

Gas Governer

Mile Post or Mile Stone

Guide Post

Manhole

Wd Pp

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

# 1:1,250

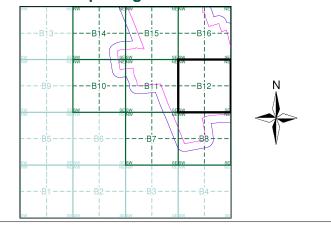
			Slo	opes .	Tan
	لكنائب		Тор	1111111	Top [[[[]]]]]
_	Cliff	!!!!			]]]]]]]]))
,		[[]]		1111111	1111111111
523	Rock		52	Rock (so	cattered)
$\triangle_{\underline{a}}$	Boulders		4	Boulders	s (scattered)
	Positioned E	Boulder		Scree	
<u>දවු</u>	Non-Conifer (surveyed)	rous Tree	*	Coniferd (surveye	
ర్లోలే	Non-Conifer (not surveye		未未	Conifero	ous Trees /eyed)
දා	Orchard Tree	Q a.	Scrub	Jr,	Bracken
* ~	Coppice, Osier	siVe,	Reeds 🛥	100 — <u> </u>	Marsh, Saltings
actities.	Rough Grassland	mun,	Heath	1	Culvert
<del>**&gt; &gt;-</del>	Direction of water flow	ν Δ	Triangulation Station	, of	Antiquity (site of)
E_T_L	_ Electricit	y Transmis	sion Line	$\boxtimes$	Electricity Pylon
\ <del> </del>	231.60m Be	ench Mark		Building Building	gs with g Seed
	Roofed	l Building		881	azed Roof iilding
	(	Ci∨il parish	/community b	oundary	
		District bou			
_ •	0	County bou	ındary		
٥	_	3 Boundary p			
٥		Boundary r	nereing symb ear in oppose	,	
Bks	Barracks		Р	Pillar, Pol	le or Post
Bty	Battery		PO	Post Offi	ce
Cemy	Cemetery		PC	Public Co	onvenience
Chy	Chimney		Pp	Pump	
Cis	Cistern		Ppg Sta	Pumping	
Dismtd F	-	ed Railway	PW Source B	Place of	
El Gen S	ta Electricity Station	/ Generating	Sewage P		ewage Imping Station
EIP	Electricity P	ole, Pillar	SB, S Br	Signal B	ox or Bridge
El Sub S	ta Electricity S	ub Station	SP, SL	Signal Po	ost or Light
FB	Filter Bed		Spr	Spring	
Fn/DFr	Fountain / D	rinking Ftn.	Tk	Tank or T	rack
Gas Gov	Gas Valve C	ompound	Tr	Trough	



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6

## **Historical Map - Segment B12**



#### **Order Details**

Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 487070, 378560 Slice:

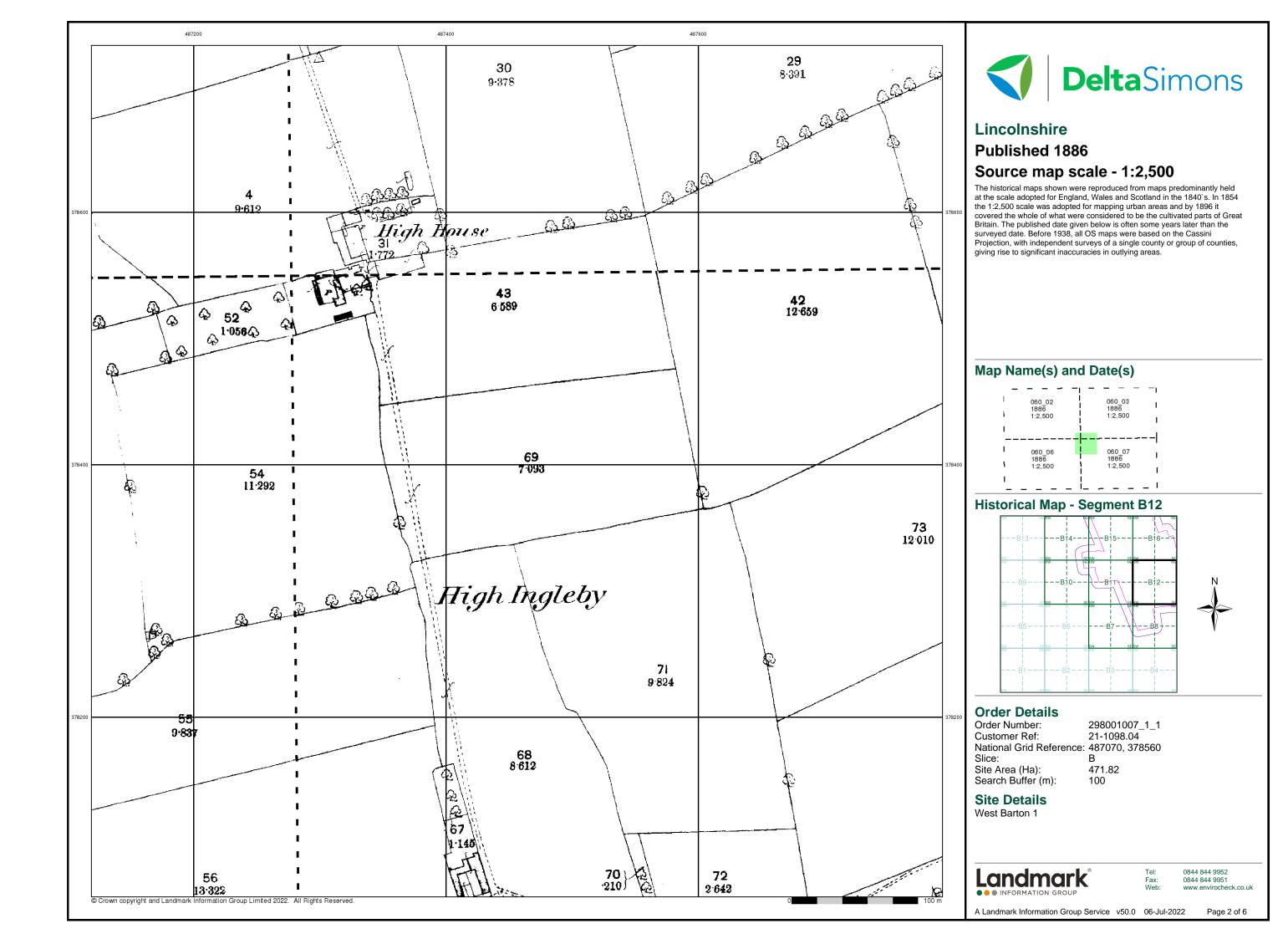
471.82 Site Area (Ha): Search Buffer (m): 100

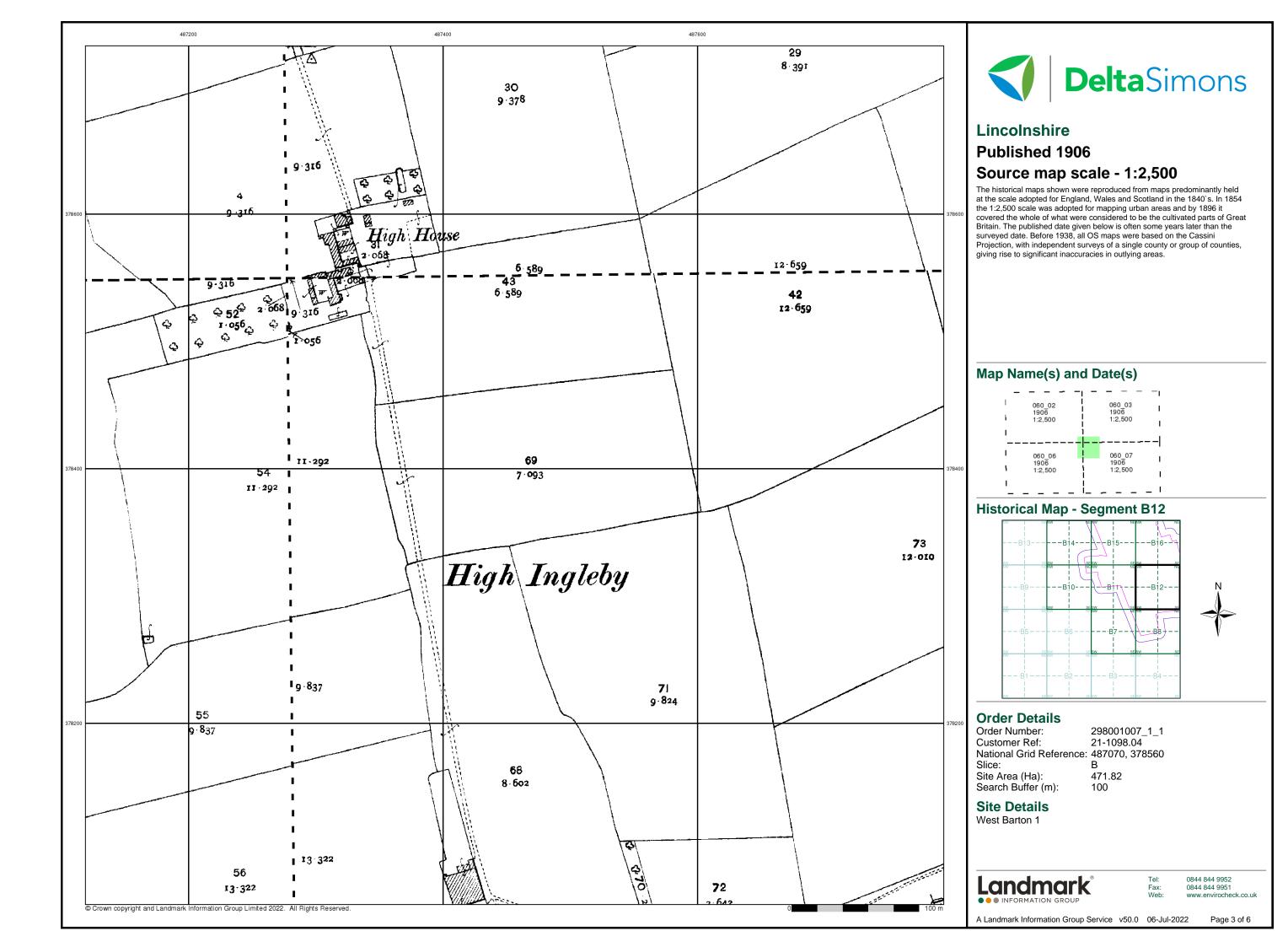
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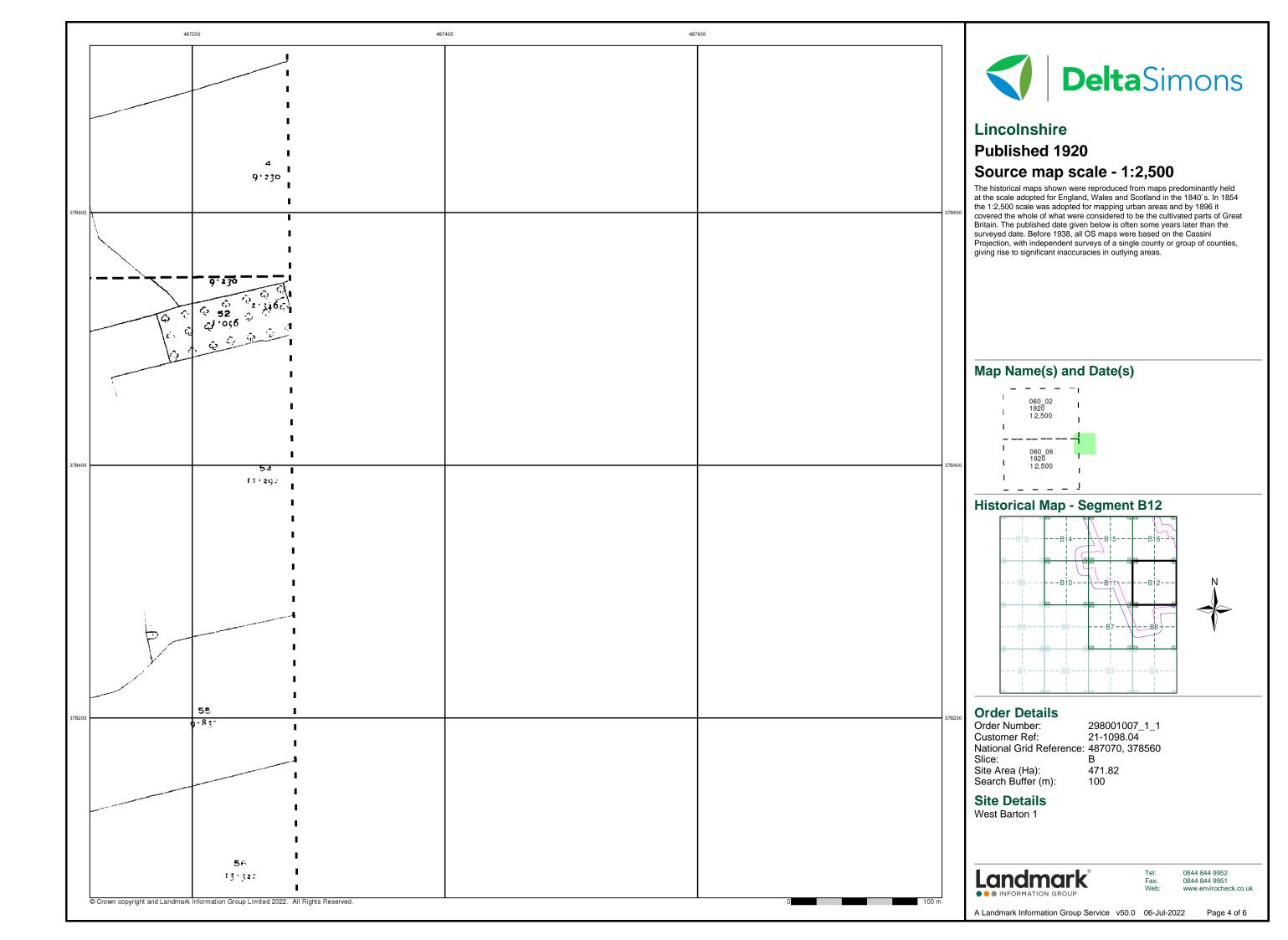
West Barton 1

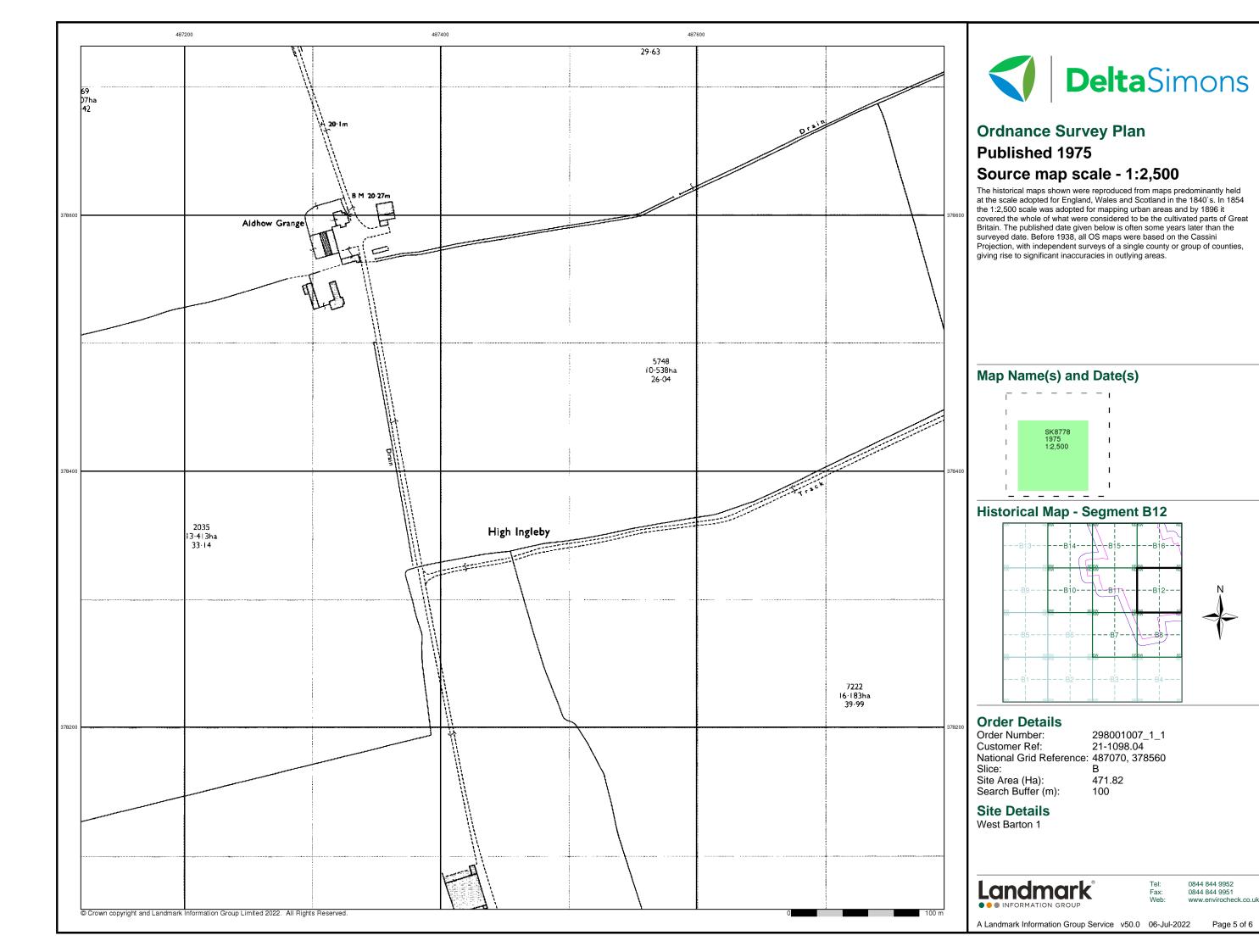


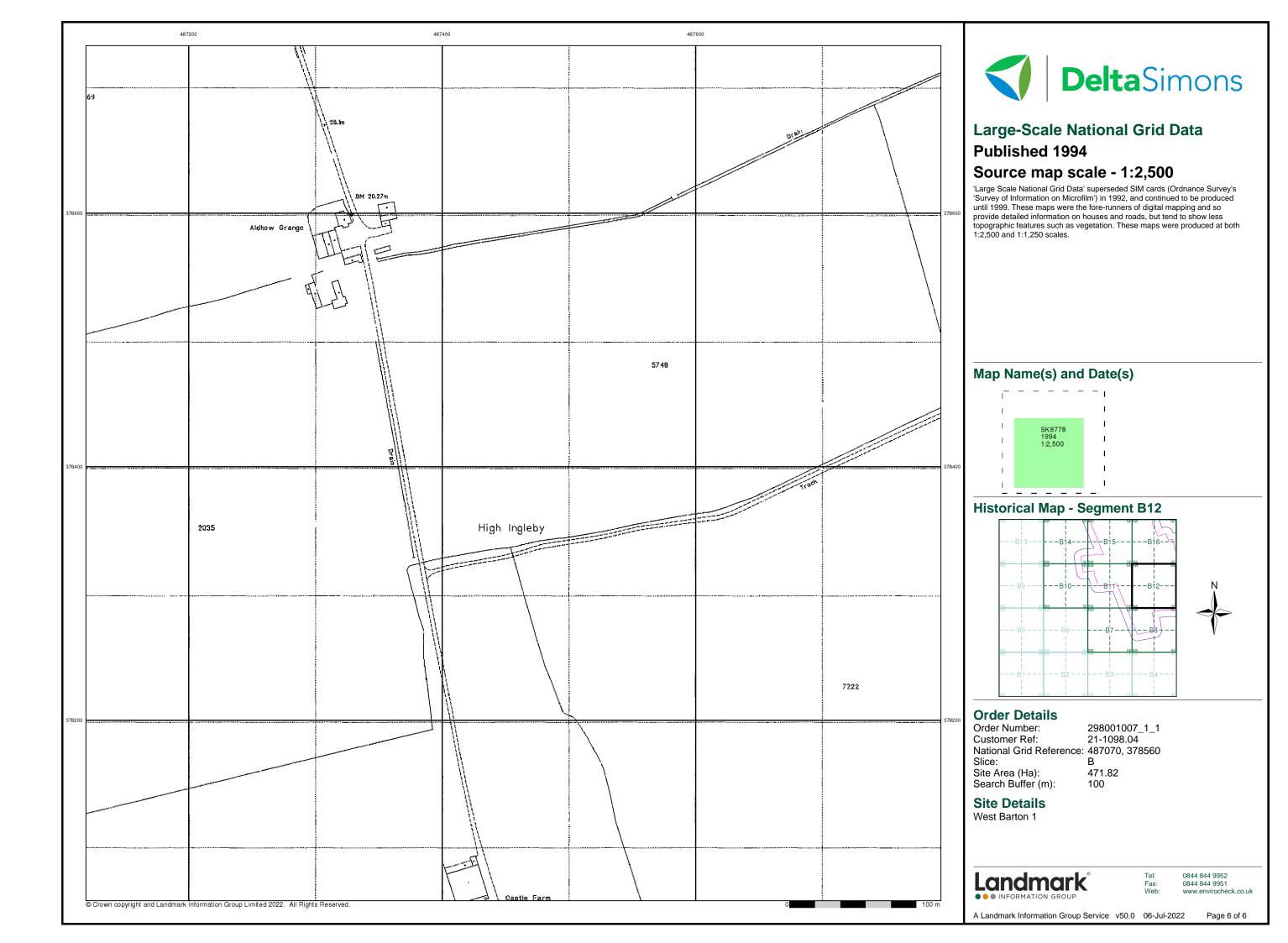
0844 844 9952 www.envirocheck.co.uk



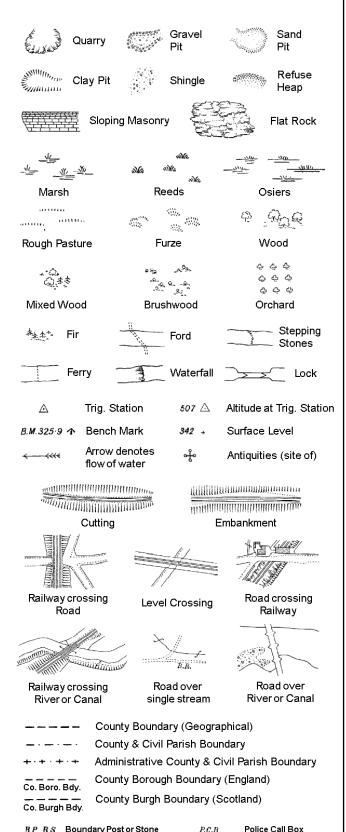








### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



Pump

Sluice

Spring

Trough

Well

Signal Post

Telephone Call Box

S.P

Sl.

 $T_T$ 

T.C.B

B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

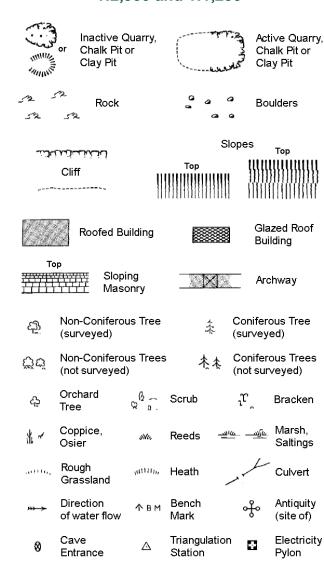
Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Guide Post or Board

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



Symbol marking point where boundary mereing changes Beer House Pillar, Pole or Post **Boundary Post or Stone** РО Post Office Capstan, Crane **Public Convenience** PH Chv Chimney **Public House** D Fn Drinking Fountain Pump EIP Electricity Pillar or Post SB, SB Signal Box or Bridge FAP Fire Alarm Pillar SP. SL Signal Post or Light FB Foot Bridge Spring Tank or Track Guide Post Τk Hydrant or Hydraulic TCB Telephone Call Box LC Level Crossing TCP Telephone Call Post Manhole Trough MP Mile Post or Mooring Post Wr Pt. W Water Point, Water Tap MS

Wd Pp

Wind Pump

**Electricity Transmission Line** 

County Boundary (Geographical)

Admin. County or County Bor. Boundary

County & Civil Parish Boundary

Civil Parish Boundary

London Borough Boundary

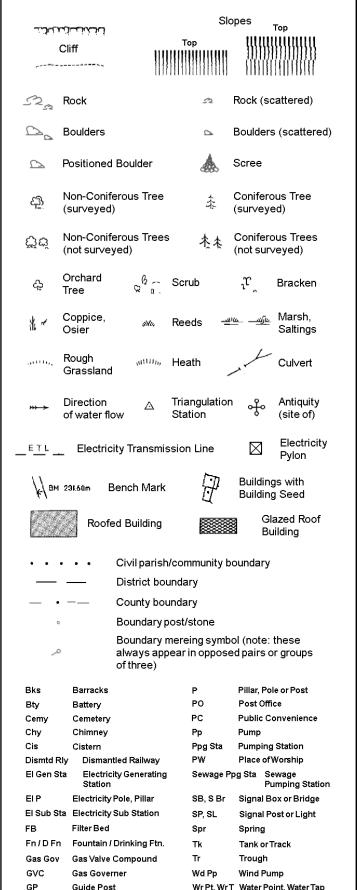
ETL

L B Bdy

NTL

Normal Tidal Limit

# 1:1,250



Manhole

Mile Post or Mile Stone

Wks

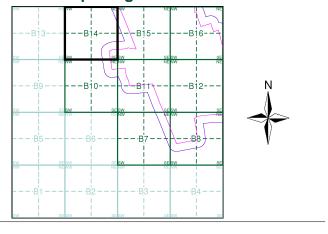
Works (building or area)



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1974 - 1975	5
Large-Scale National Grid Data	1:2,500	1994	6

## **Historical Map - Segment B14**



#### **Order Details**

Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 487070, 378560

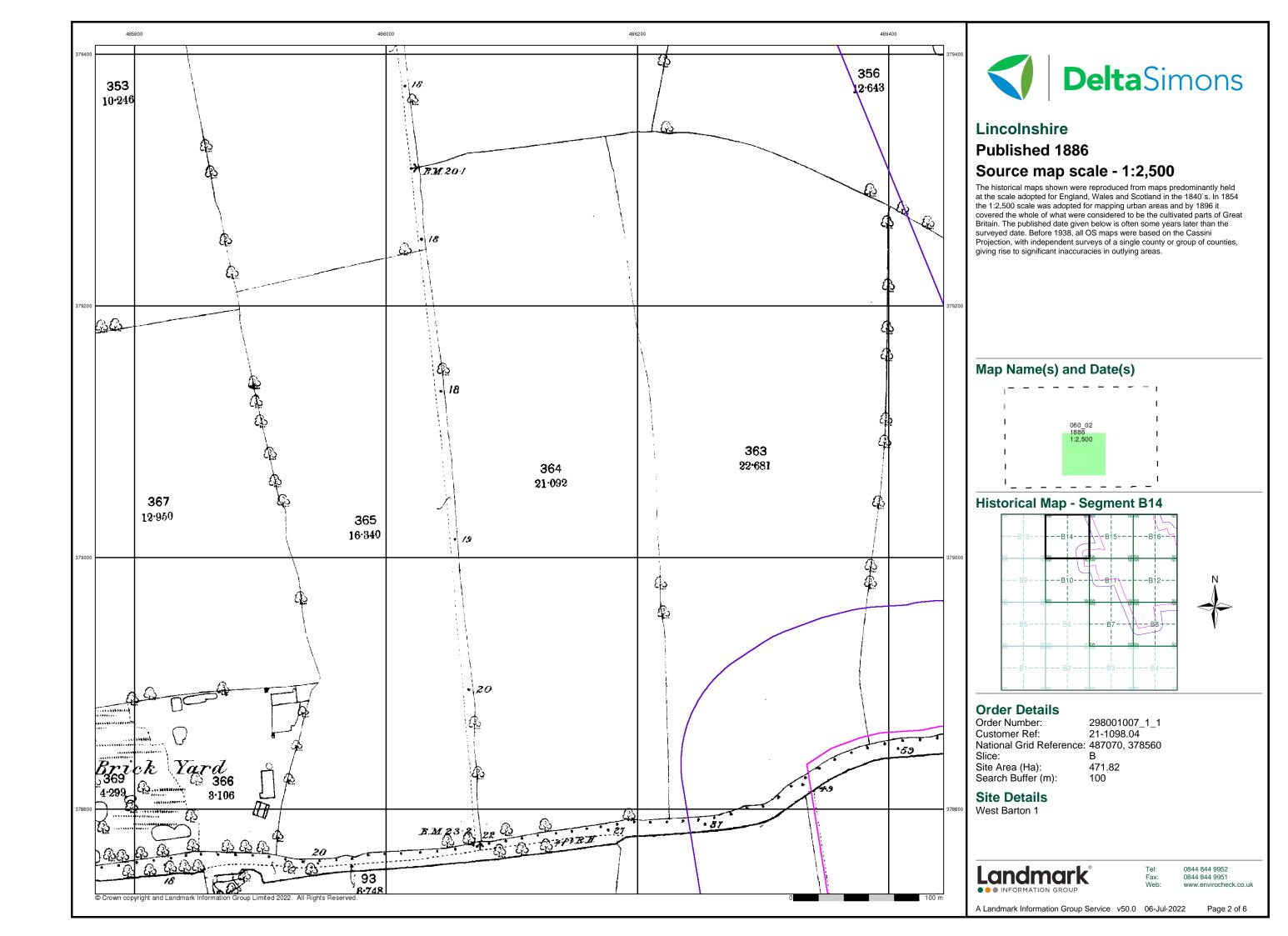
Slice:

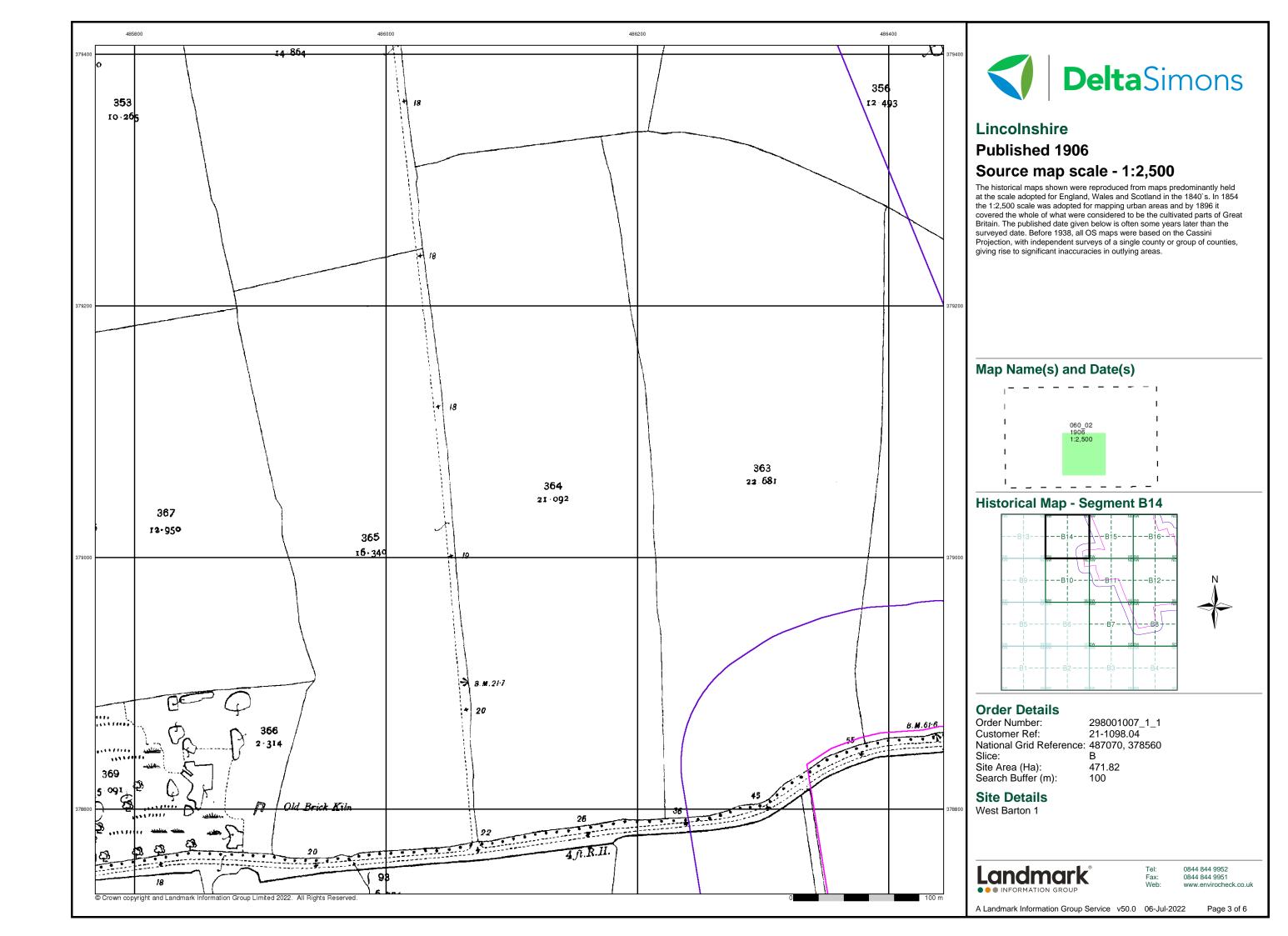
Site Area (Ha): 471.82 Search Buffer (m): 100

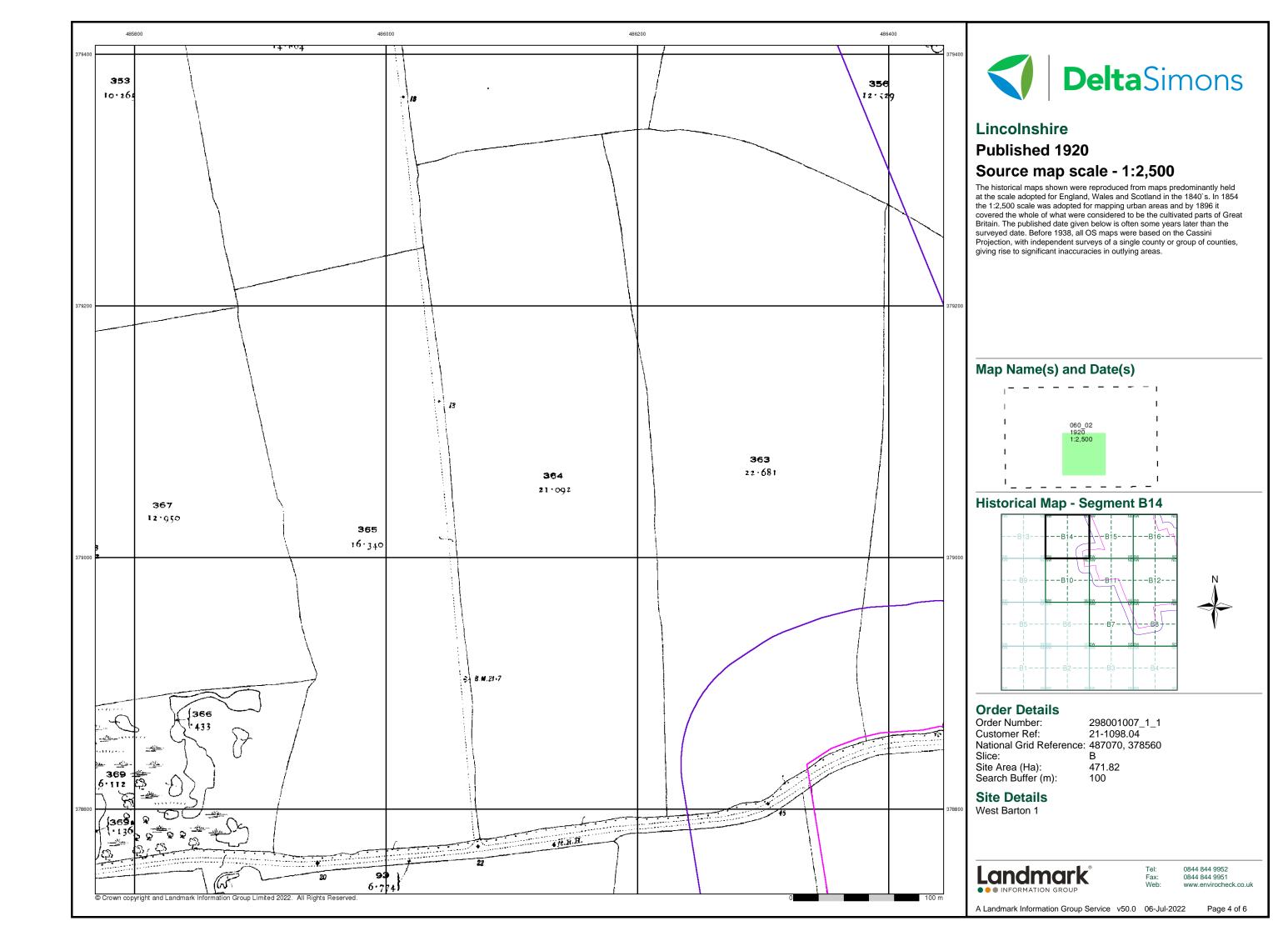
### **Site Details** West Barton 1

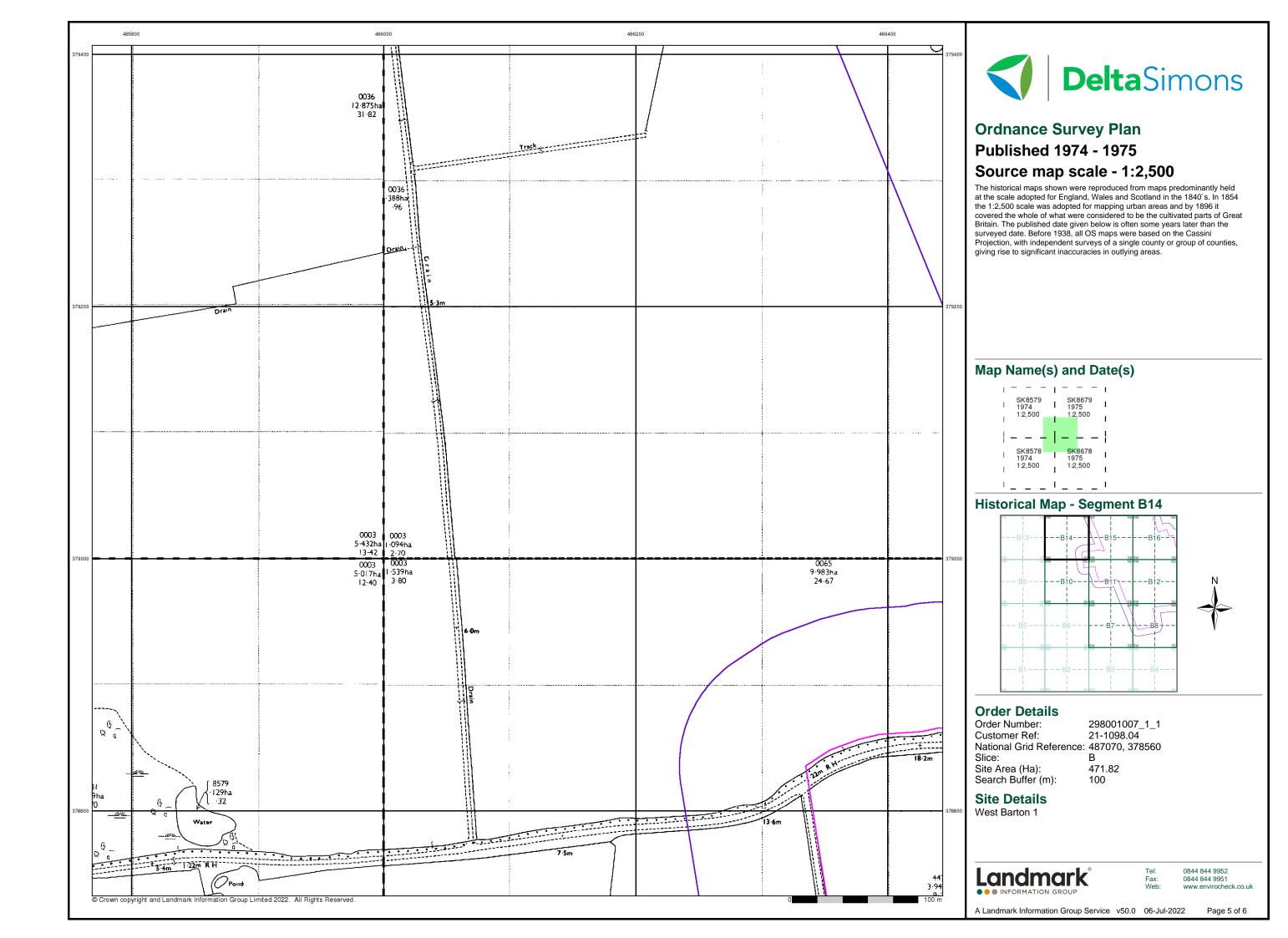
Landmark

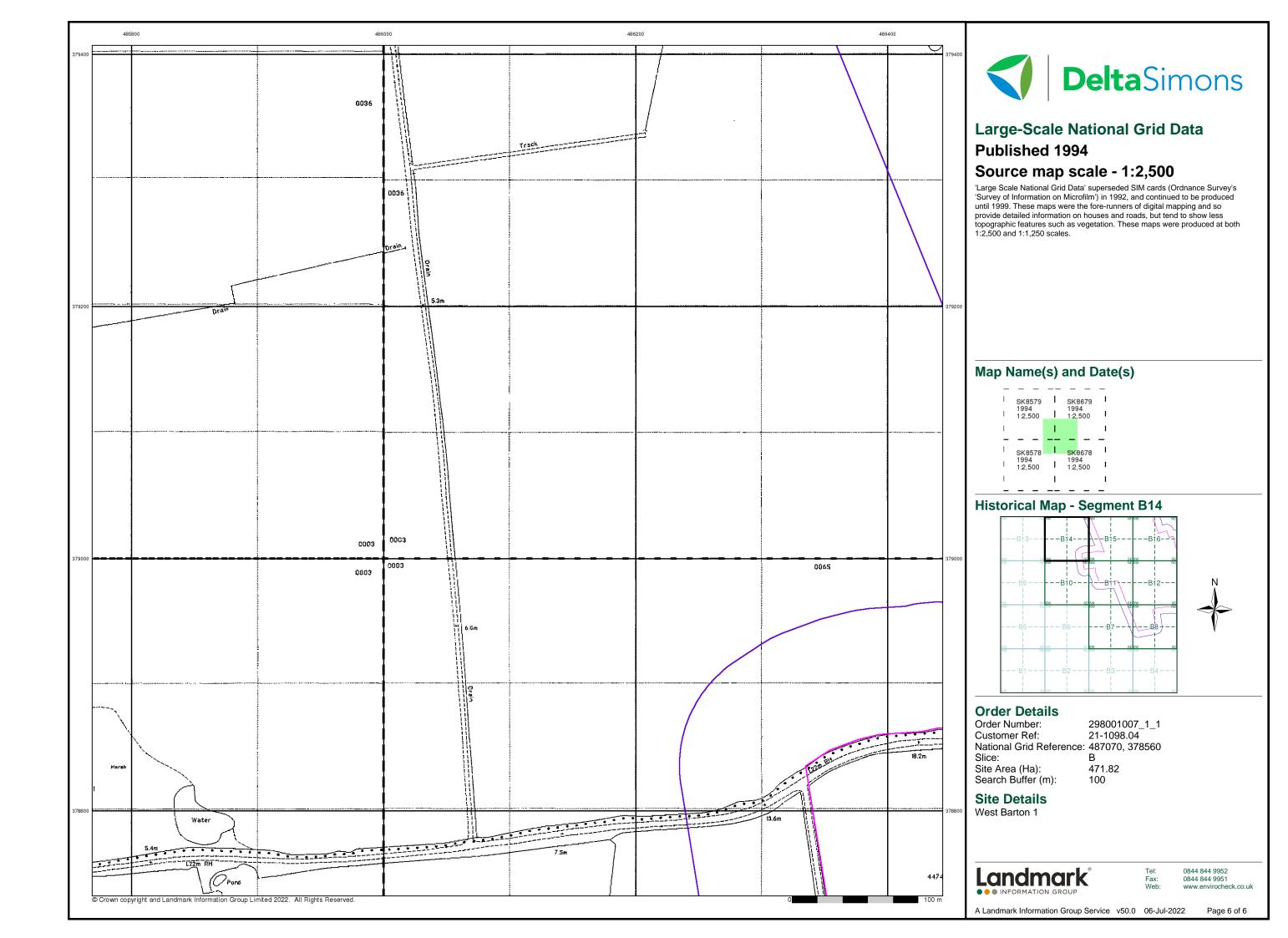
0844 844 9952 www.envirocheck.co.uk



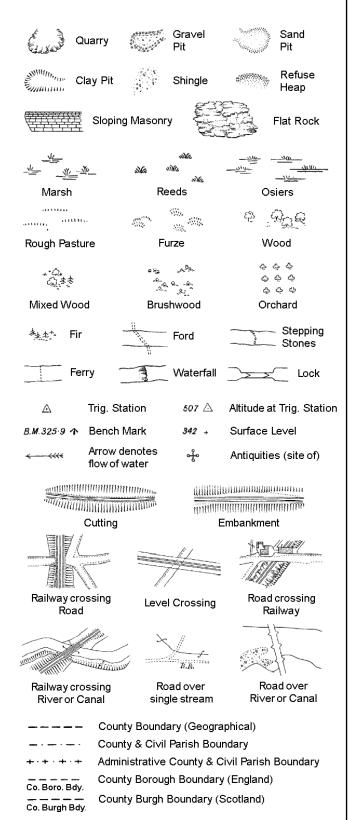








### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



B.R.

E.P

F.B.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

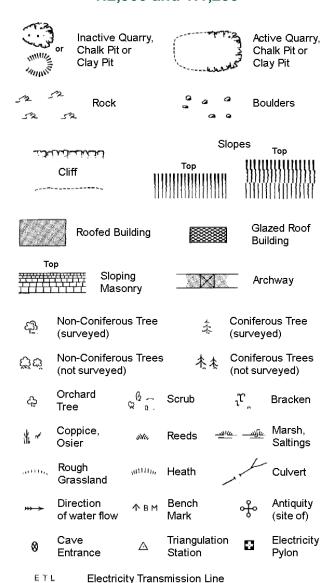
Well

S.P

Sl.

Tr:

### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



	,
	County Boundary (Geographical)
	County & Civil Parish Boundary
	Civil Parish Boundary
· <del></del>	Admin. County or County Bor. Boundary
L B Bdy	London Borough Boundary
	Symbol marking point where boundary mereing changes

вн	Beer House	Р	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
EIP	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt, WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

GVC

Gas Governer

Mile Post or Mile Stone

Guide Post

Manhole

Wd Pp

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

# 1:1,250

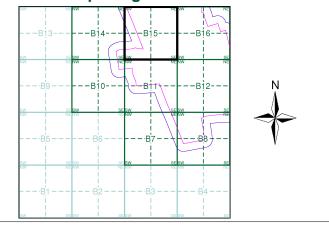
Slopes			opes
ب <b>ال</b> ثند	لكنينات	Тор	1111111111111111
	Cliff		
~~ · · · · · ·			
525	Rock	52	Rock (scattered)
$\triangle_{\Delta}$	Boulders	Δ.	Boulders (scattered)
	Positioned Boulder		Scree
(월	Non-Coniferous Tree (surveyed)	本	Coniferous Tree (surveyed)
స్టోట్	Non-Coniferous Trees (not surveyed)	* **	Coniferous Trees (not surveyed)
දා	Orchard $\ensuremath{\mathcal{Q}}$ $\ensuremath{\widehat{\mathfrak{Q}}}$ $\ensuremath{\widehat{\mathfrak{Q}}}$ $\ensuremath{\widehat{\mathfrak{Q}}}$ $\ensuremath{\widehat{\mathfrak{Q}}}$ .	Scrub	<sub>າ</sub> ຕິ Bracken
* ~	Coppice, Osier	Reeds 🛥	u <u> அர</u> ு Marsh, Saltings
artitu,	Rough with	Heath	Culvert
<del>*** &gt;</del>	Direction $\triangle$ of water flow	Triangulatior Station	Antiquity (site of)
E_TL	Electricity Transmi	ssion Line	⊠ Electricity Pylon
/ <del>/</del> / BM	ı 238.60m Bench Mark		Buildings with Building Seed
	Roofed Building		Glazed Roof Building
	• • • Civil parish	/community b	oundary
	— District bo		<b>,</b>
	- — County box	-	
	_	-	
,	Boundary p		-1 (44
1			ol (note: these ed pairs or groups
Bks	Barracks	Р	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd F	•	PW	Place of Worship
El Gen S	Station	_	Pumping Station
EIP	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
FB FB	Sta Electricity Sub Station Filter Bed	SP, SL Spr	Signal Post or Light
FB Fn / D Fi		Spr Tk	Spring
Gas Gov	•	Tk Tr	Tank or Track Trough
Gas Gov	Gas Valve Compound	II Wd De	Wind Dump



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6

## **Historical Map - Segment B15**



#### **Order Details**

Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 487070, 378560

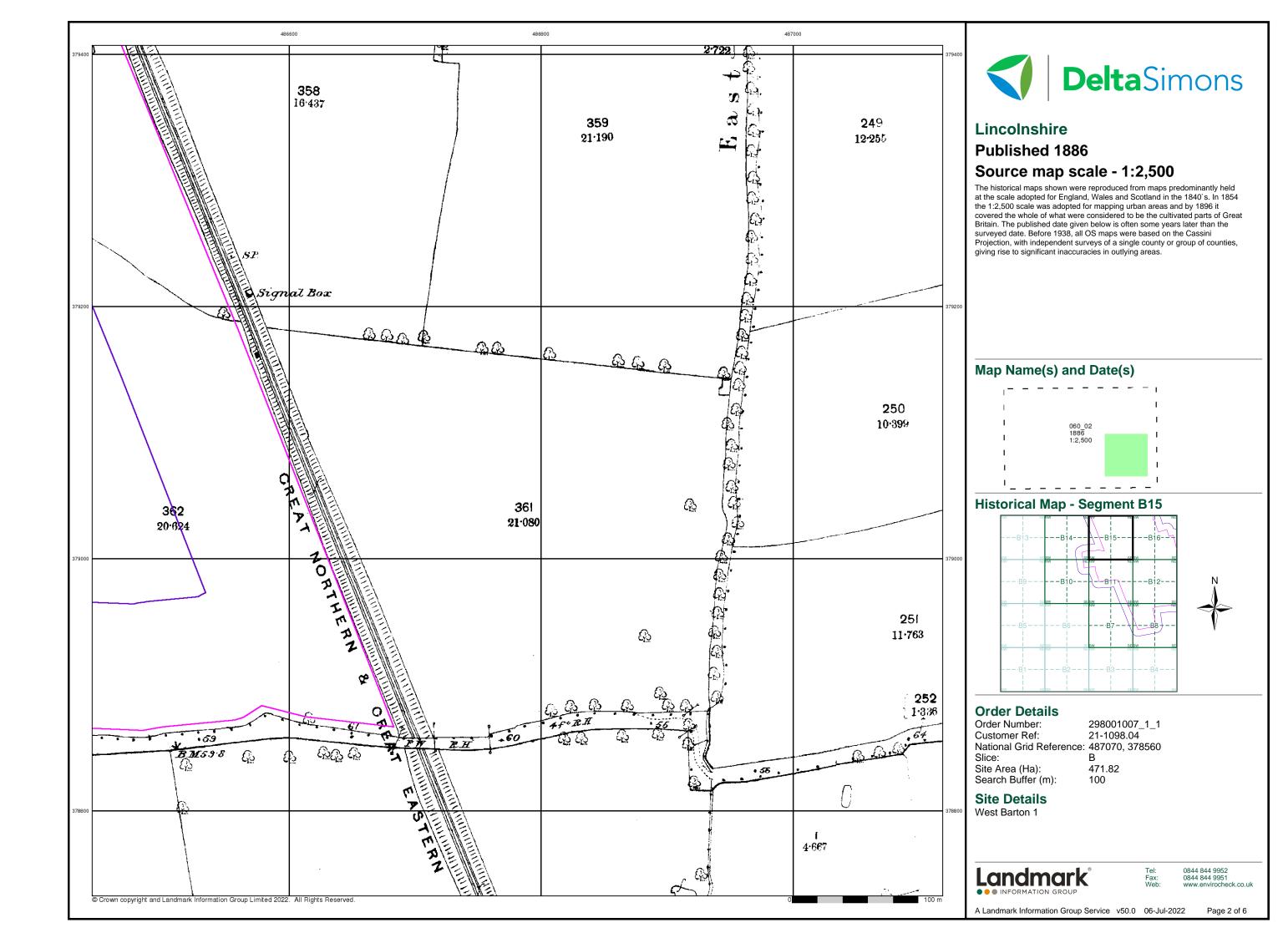
Slice:

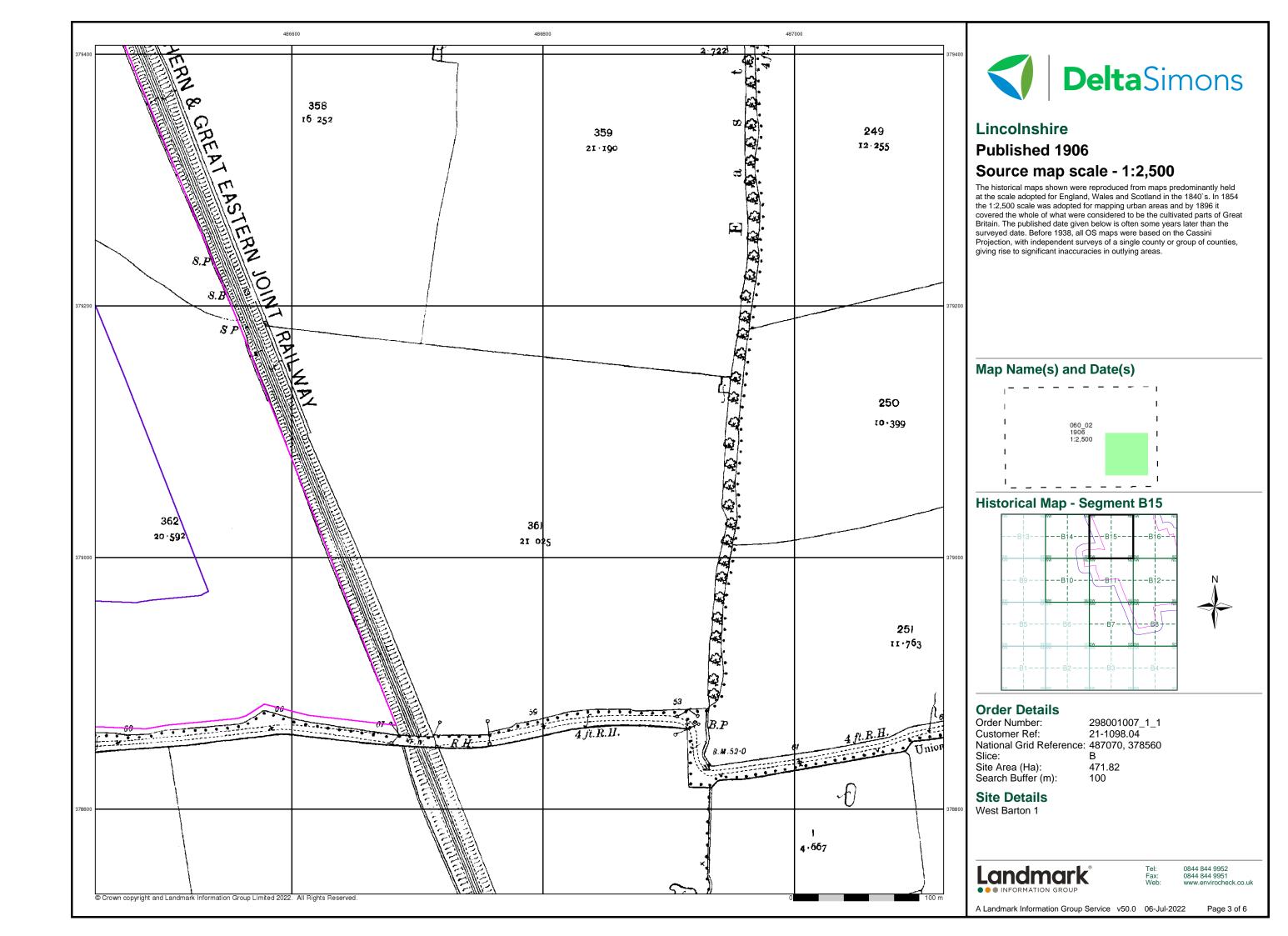
471.82 Site Area (Ha): Search Buffer (m): 100

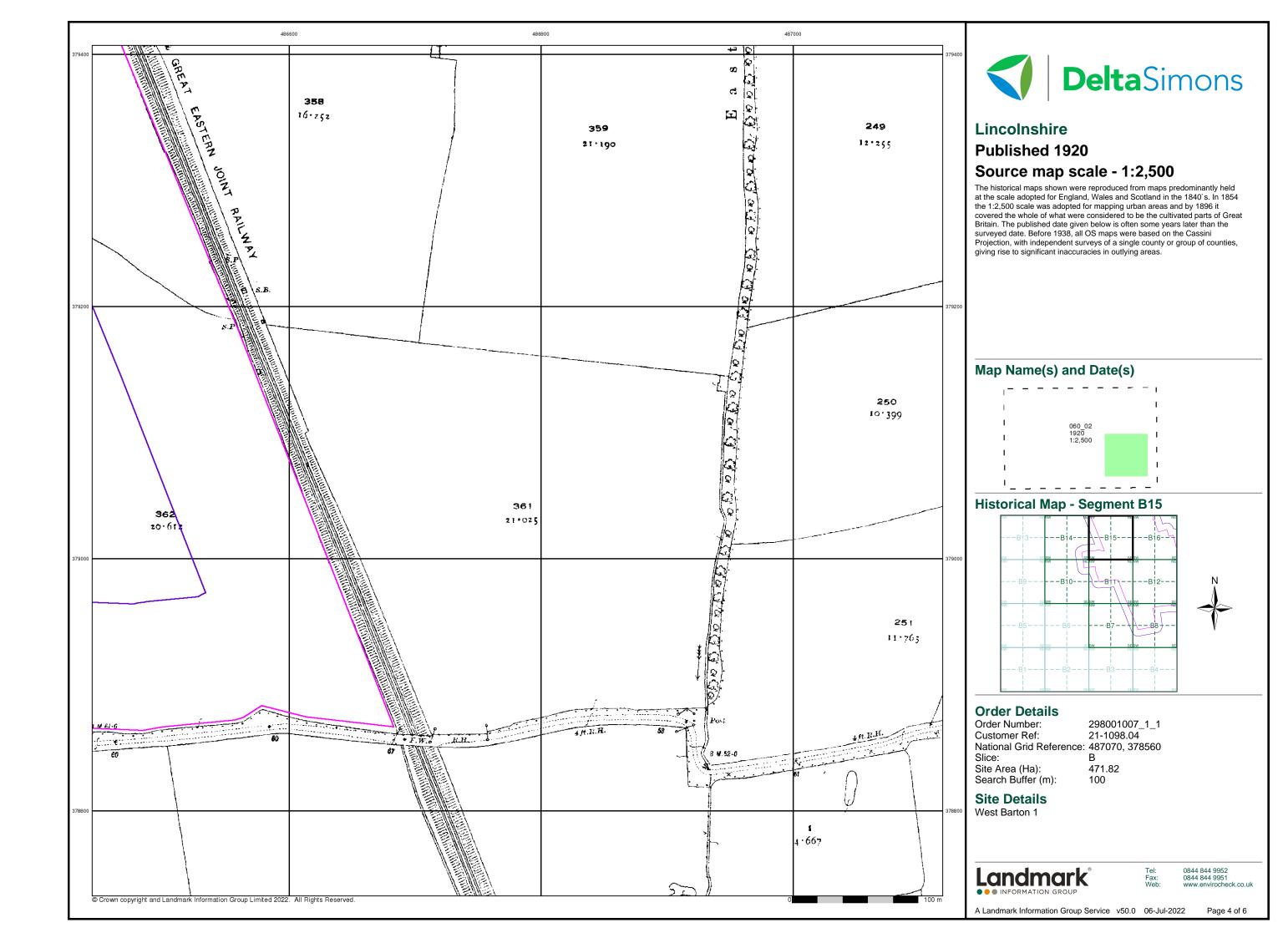
**Site Details** West Barton 1

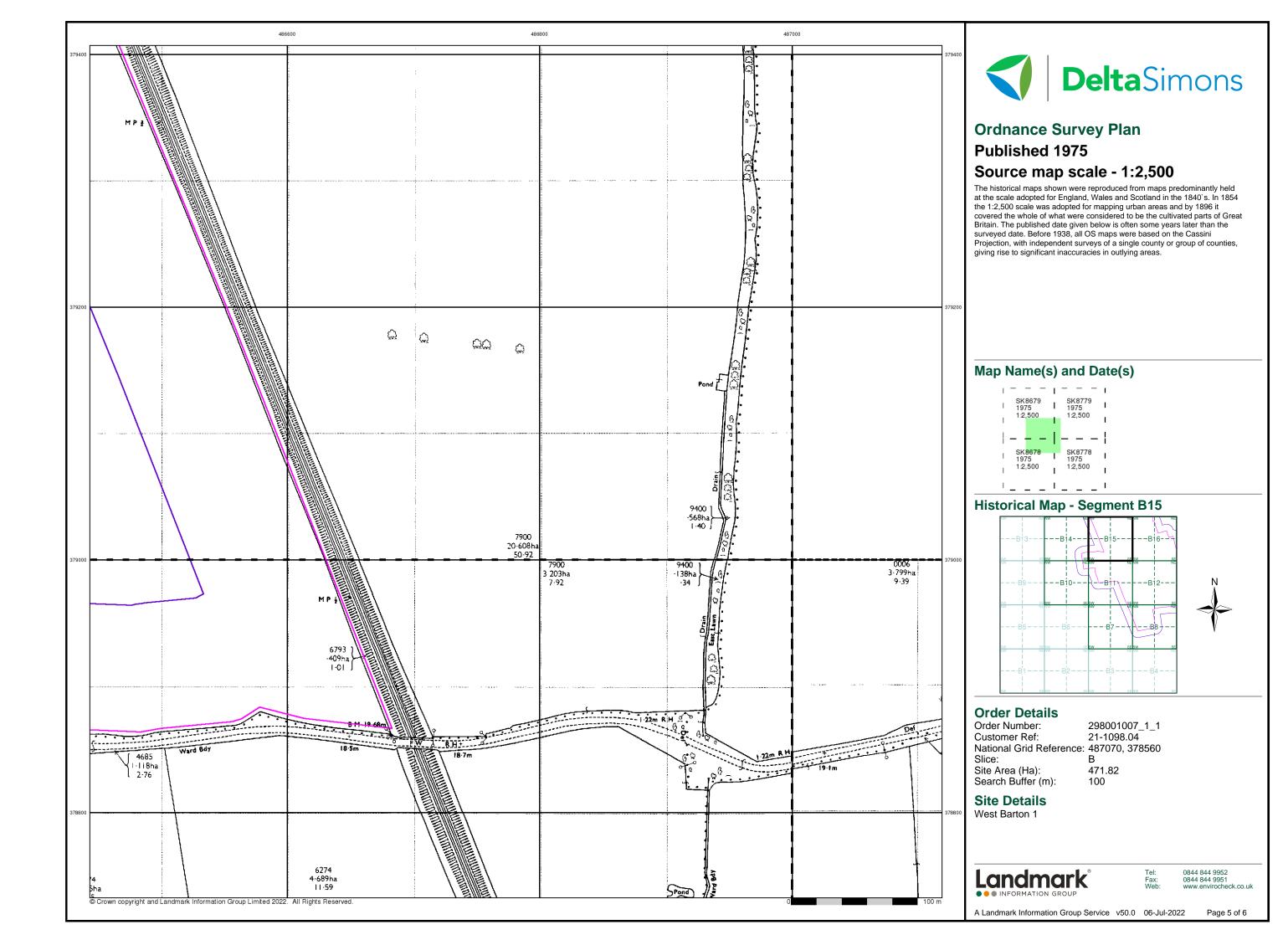
\_andmark

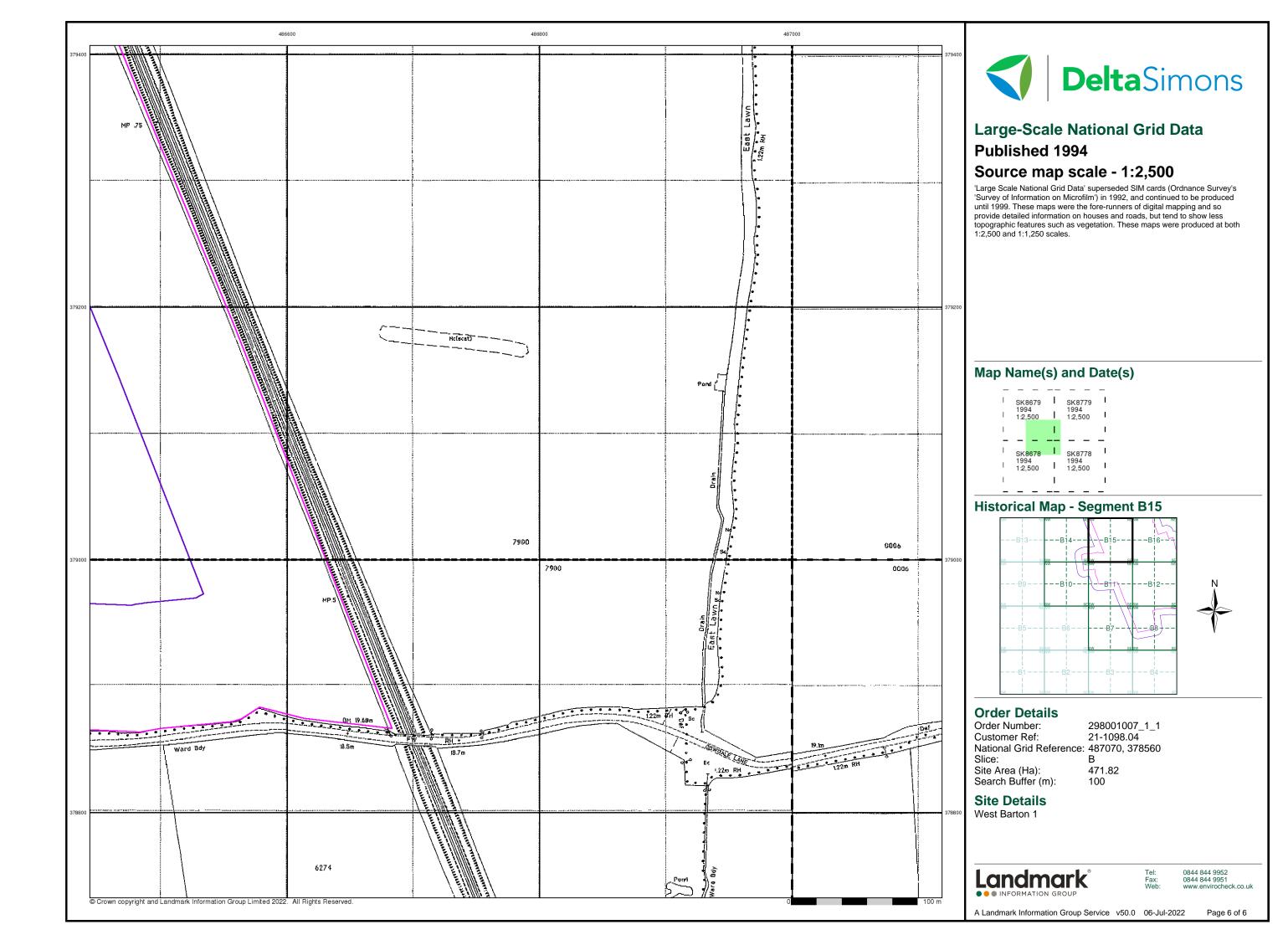
0844 844 9952 0844 844 9951



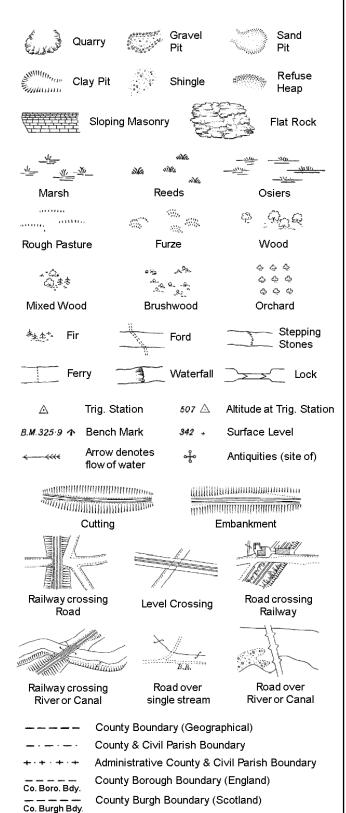








### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

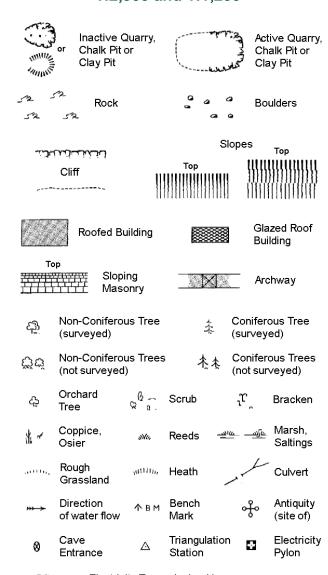
Well

S.P

Sl.

Tr

### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



E Electr	icity transmission line
	County Boundary (Geographical
	County & Civil Parish Boundary

Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	Beer House	Р	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
EIP	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

	Cliff		Slo Top	opes          	Top 
520	Rock		2,3	Rock (so	cattered)
$\Box_{a}$	Boulders		Δ.	Boulders	s (scattered)
$\triangle$	Positioned	Boulder		Scree	
<u> </u>	Non-Conif (surveyed	erous Tree )	*	Coniferd (surveye	ous Tree ed)
ජීජ	Non-Conif (not surve	erous Trees yed)	* **	Conifero (not sur	ous Trees veyed)
දා	Orchard Tree	Q û.	Scrub	'n,	Bracken
* ~	Coppice, Osier	siVe,	Reeds 🛥	<u>।ए —ग्र</u> ोह	Marsh, Saltings
willing.	Rough Grassland	$u_{11111}$	Heath	1	Culvert
<b>&gt;&gt;→</b>	Direction of water flo	Δ ow	Triangulation Station	, ÷	Antiquity (site of)
_ E_TL _	_ Electric	ity Transmi	ssion Line	$\boxtimes$	Electricity Pylon
\	231.60m E	Bench Mark	7	Building Building	gs with g Seed
	Roofe	ed Building		29	azed Roof uilding
• •	· · · ·	Civil parish	n/community b undary	oundary	
_ •		County box	undary		
٥		Boundary	oost/stone		
Þ	,	-	mereing symb bear in oppose		
Bks	Barracks		Р		le or Post
Bty	Battery		PO PO	Post Offi	
Cemy Chy	Cemetery Chimney		PC Pp	Public C Pump	onvenience
Cis	Cistern		гр Ppg Sta	Pumping	ı Station
Dismtd R		tled Railway	PW	Place of	
El Gen S	ta Electric Station	ity Generating	Sewage P		ewage umping Station
EIP	Electricity	Pole, Pillar	SB, S Br		ox or Bridge
El Sub St	ta Electricity	Sub Station	SP, SL	Signal P	ost or Light
FB	Filter Bed		Spr	Spring	
Fn/DFn	Fountain /	Drinking Ftn.	Tk To	Tank or	<b>Track</b>

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

Tr

Wd Pp

Wks

Trough

Wind Pump Wr Pt. Wr T Water Point, Water Tap

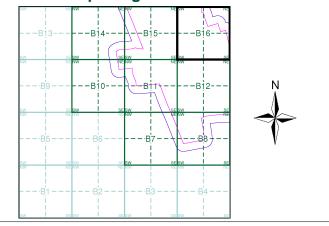
Works (building or area)



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6

## **Historical Map - Segment B16**



#### **Order Details**

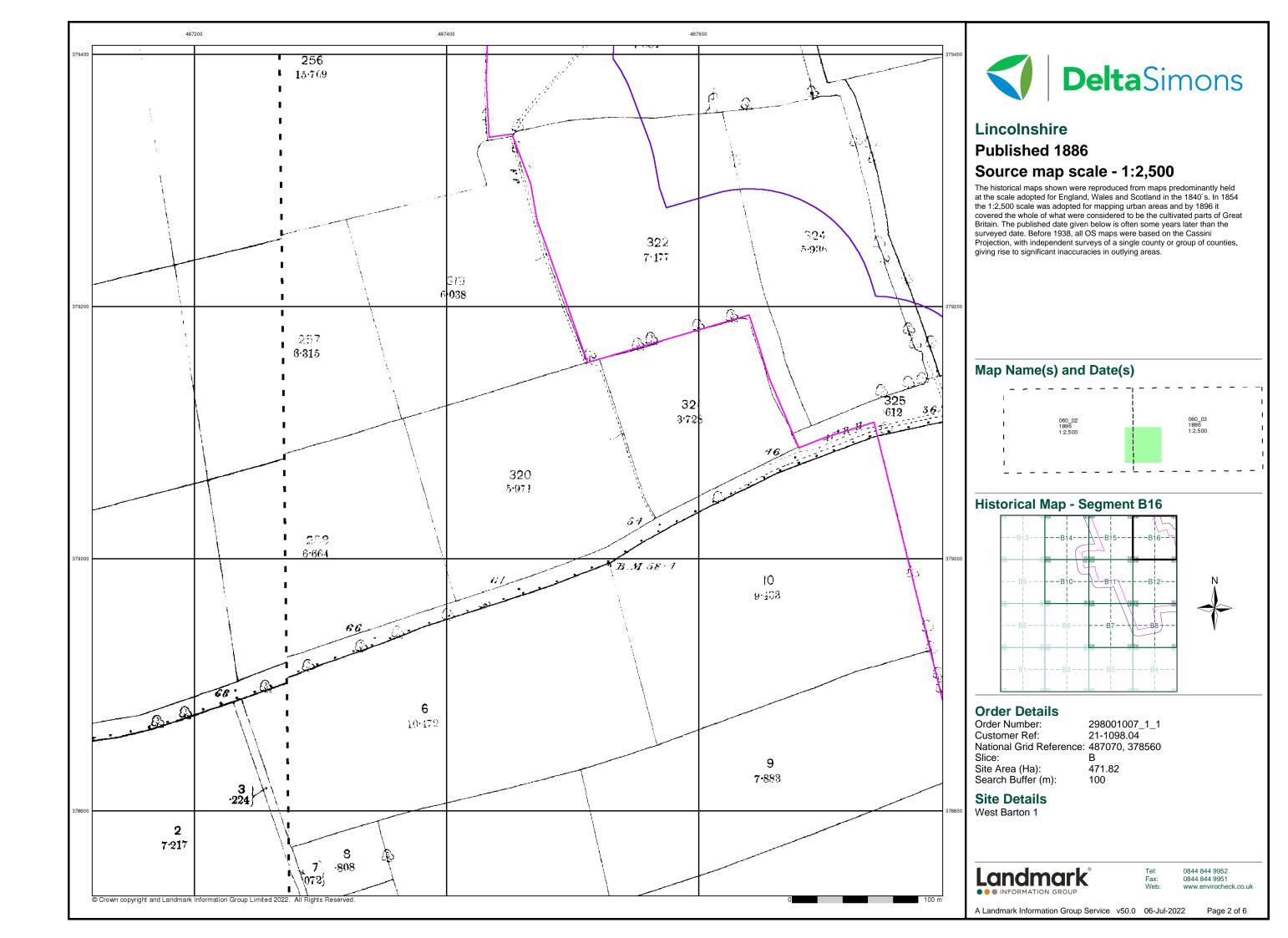
Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 487070, 378560 Slice:

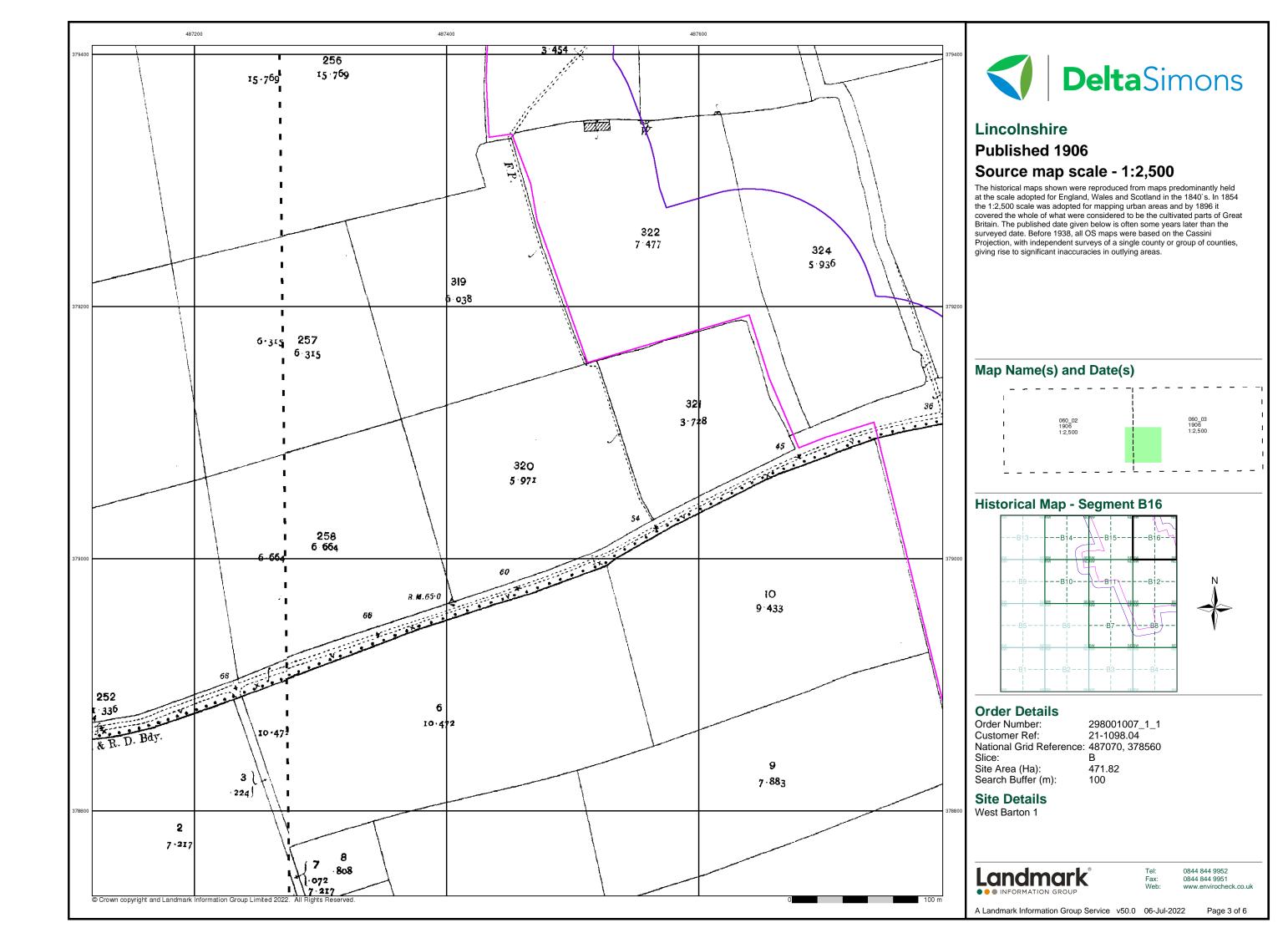
471.82 Site Area (Ha): Search Buffer (m): 100

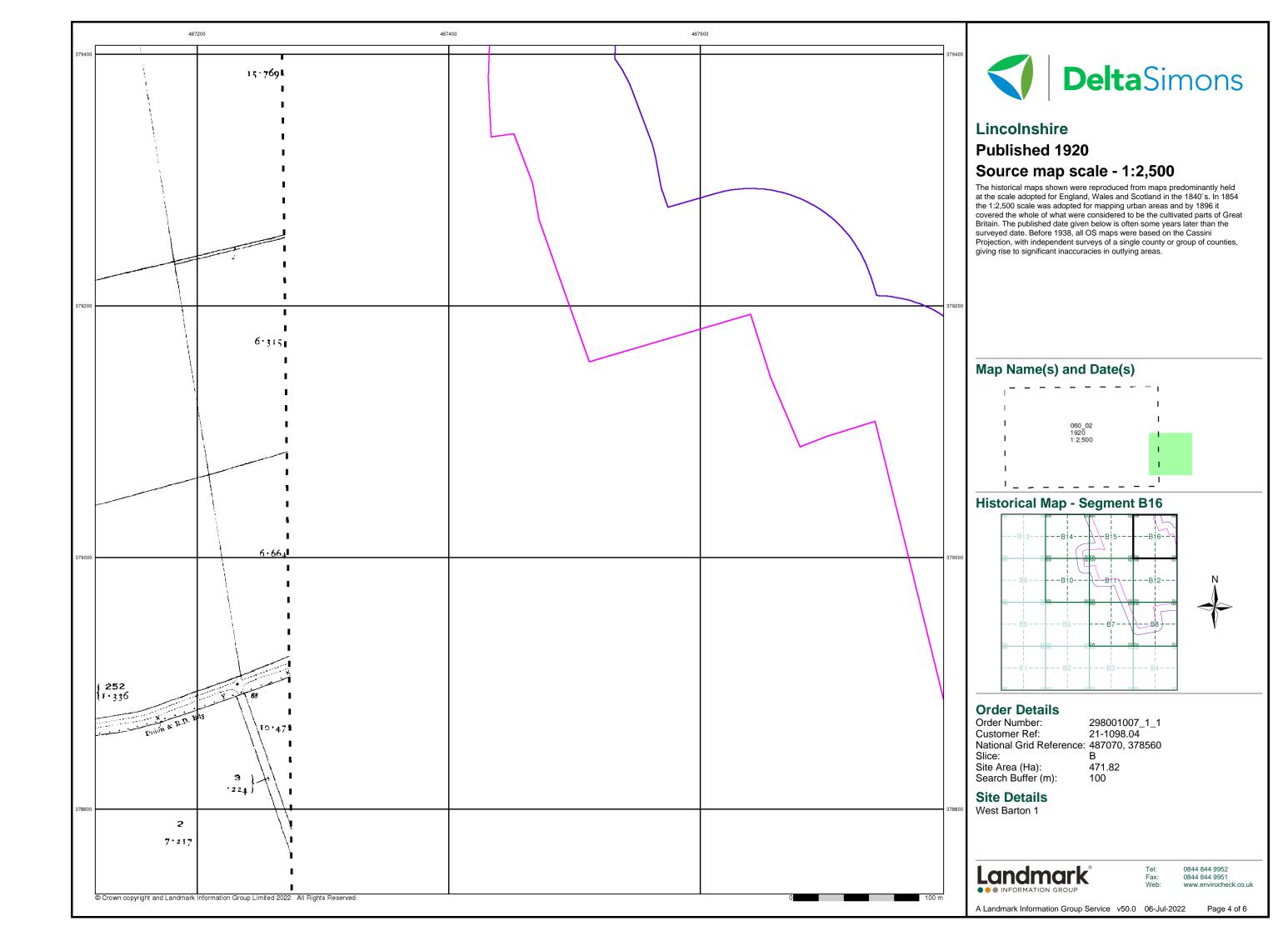
### **Site Details** West Barton 1

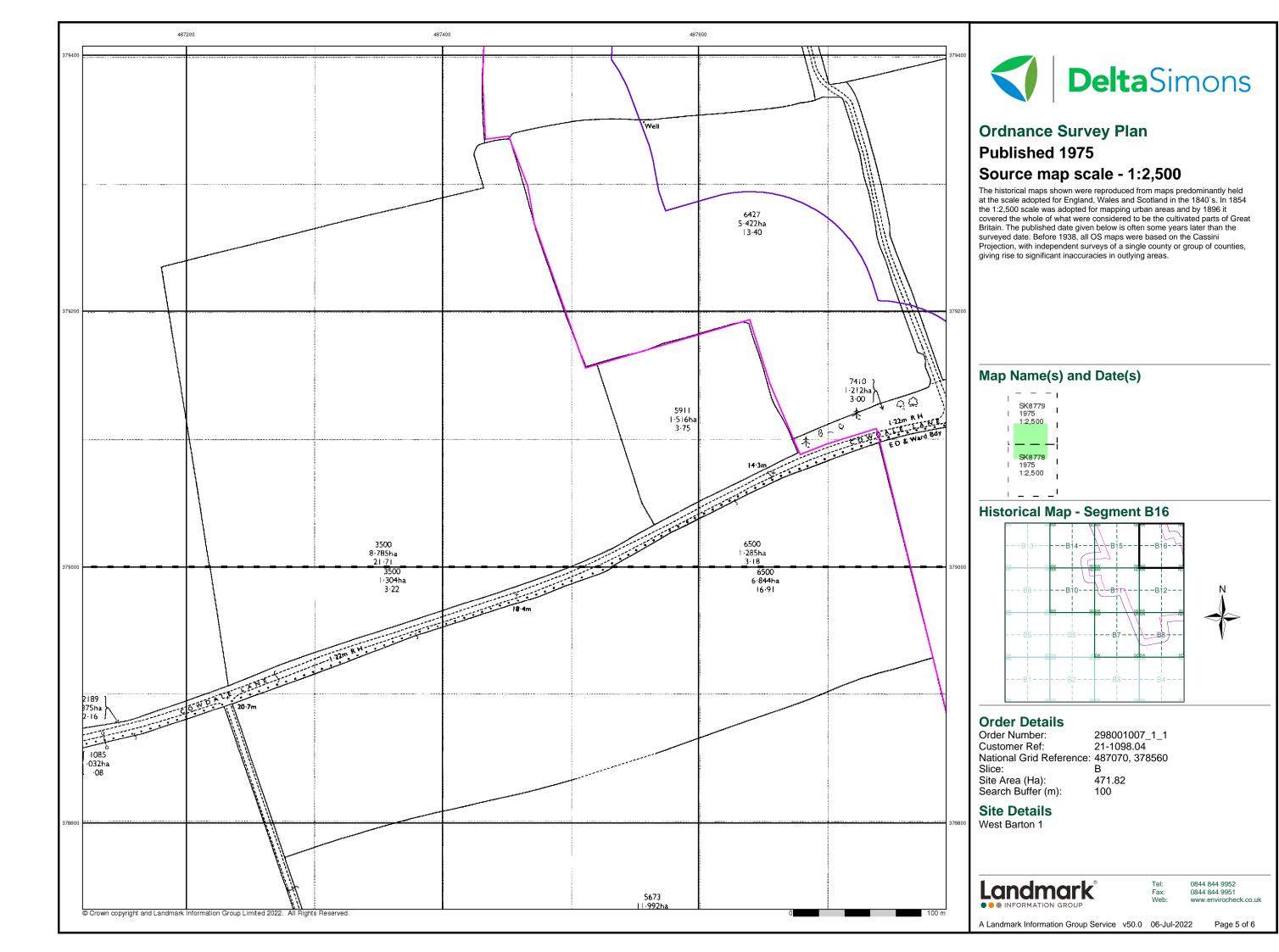
Landmark

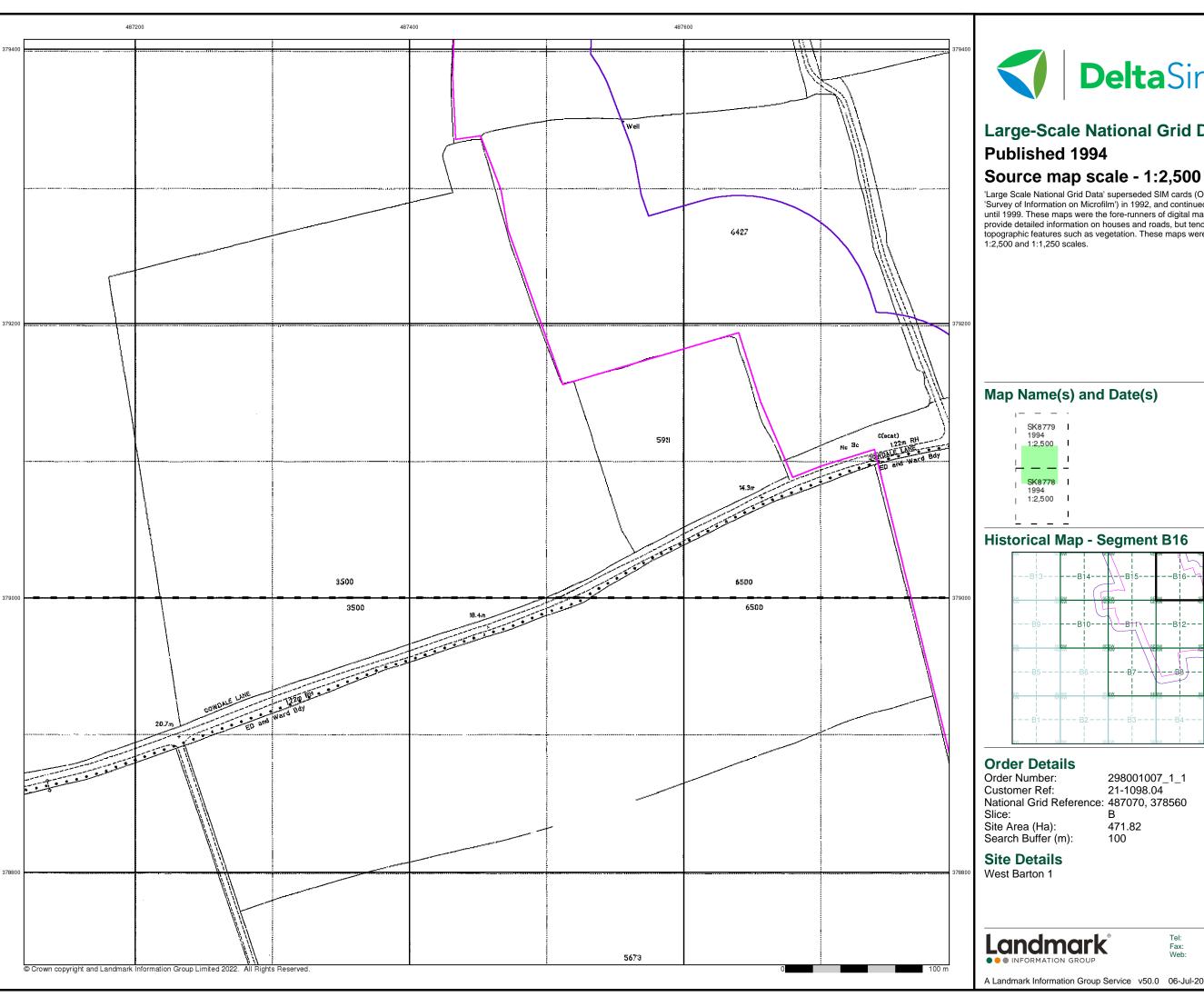
0844 844 9952 www.envirocheck.co.uk











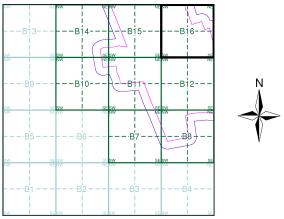


# **Large-Scale National Grid Data Published 1994**

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

### Map Name(s) and Date(s)

### **Historical Map - Segment B16**





298001007\_1\_1 21-1098.04 National Grid Reference: 487070, 378560

471.82

Landmark

0844 844 9952

### Gravel Pit Other Orchard Mixed Wood Brushwood Deciduous Furze Rough Pasture Arrow denotes Trigonometrical flow of water Station Site of Antiquities Bench Mark Pump, Guide Post, Well, Spring, Signal Post Boundary Post ·285 Surface Level Sketched Instrumental Contour Contour Fenced Main Roads Minor Roads Un-Fenced Raised Road Sunken Road Railway over Road over Railway Ri∨er Railway over Level Crossing Road Road over Road over Road over County Boundary (Geographical) County & Civil Parish Boundary Administrative County & Civil Parish Boundary County Borough Boundary (England) Co. Boro. Bdy. County Burgh Boundary (Scotland) Co. Burgh Bdy. Rural District Boundary R.D. Bdy.

····· Civil Parish Boundary

**Ordnance Survey County Series 1:10,560** 

### Ordnance Survey Plan 1:10,000

وسرسم		y Pit	Gravel Pit
	Sand Pit		Disused Pit or Quarry
(0.000	Refuse or ∄ Slag Heap		Lake, Loch or Pond
	Dunes	000	Boulders
<b>* * /</b>	Coniferous Trees	$\varphi \varphi$	へ Non-Coniferous Trees
ቀ ቀ	Orchard Ω	n_ Scrub	∖Y₁v Coppice
ਜ ਜ ਜ	Bracken	Heath	、、,,,Rough Grassland
<u> </u>	- Marsh 、、、`	V//, Reeds	<u> ೬೭</u> Saltings
[372]	Building	Direction of Flow	of Water
	Glasshouse	****	Sand
	Sloping Masonry	Pylon — — — - Pole — — • -	Electricity Transmission Line
Cutting	j Emb	oankment 	Standard Gauge
			Waltiple Track
Road		Level Foo	
Under ———	Over	Crossing Brid	ge Siding, Tramway or Mineral Line
+	<del></del>	<del></del>	—→ Narrow Gauge
	Geographi	cal County	
		tive County, Count	y Borough
	Municipal I	Borough, Urban or District Council	Rural District,
		Burgh or County Co	
	Civil Parish	ו	ce of boundaries occurs
BP, BS	Boundary Post or St	one Pol Sta	Police Station
Ch	Church	PO	Post Office
СН	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP MD	Guide Post Mile Post	TCB TCP	Telephone Call Box
MP	Mile Post	ICP	Telephone Call Post

### 1:10,000 Raster Mapping

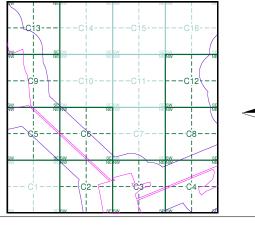
	Gravel Pit		Refuse tip or slag heap
3 2 3 3	Rock	3 3	Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle	Mud	Mud
Sand	Sand		Sand Pit
********	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
-•-•	County boundary (England only) District, Unitary,	• • • • • •	Civil, parish or community boundary
	Metropolitan, London Borough boundary		Constituency boundary
۵ <sup>0</sup>	Area of wooded vegetation	مم م	Non-coniferous trees
//////////////////////////////////////			
$\Diamond$	Non-coniferous trees (scattered)	**	Coniferous trees
		* <sup>*</sup> * <sup>*</sup>	
۵ *	trees (scattered) Coniferous	**	trees Positioned
\$ \$ \$	trees (scattered)  Coniferous trees (scattered)	<u>₽</u>	trees  Positioned tree  Coppice
\$ \$\pm\$	trees (scattered)  Coniferous trees (scattered)  Orchard  Rough	₩ ₩ ©	trees Positioned tree Coppice or Osiers
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	trees (scattered)  Coniferous trees (scattered)  Orchard  Rough Grassland	Sallen anden	trees Positioned tree Coppice or Osiers Heath Marsh, Salt
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	trees (scattered)  Coniferous trees (scattered)  Orchard  Rough Grassland  Scrub	Sallen anden	trees Positioned tree Coppice or Osiers Heath Marsh, Salt Marsh or Reeds
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	trees (scattered)  Coniferous trees (scattered)  Orchard  Rough Grassland  Scrub  Water feature  Mean high	\$ ↑	trees  Positioned tree  Coppice or Osiers  Heath  Marsh, Salt Marsh or Reeds  Flow arrows  Mean low
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	trees (scattered)  Coniferous trees (scattered)  Orchard  Rough Grassland  Scrub  Water feature  Mean high water (springs)  Telephone line	\$ ↑	trees  Positioned tree  Coppice or Osiers  Heath  Marsh, Salt Marsh or Reeds  Flow arrows  Mean low water (springs)  Electricity transmission line
↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑	trees (scattered)  Coniferous trees (scattered)  Orchard  Rough Grassland  Scrub  Water feature  Mean high water (springs)  Telephone line (where shown)  Bench mark	\$ ↑  QQ  MIMIN  MIMIN	trees  Positioned tree  Coppice or Osiers  Heath  Marsh, Salt Marsh or Reeds  Flow arrows  Mean low water (springs)  Electricity transmission line (with poles)  Triangulation
↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑	trees (scattered)  Coniferous trees (scattered)  Orchard  Rough Grassland  Scrub  Water feature  Mean high water (springs)  Telephone line (where shown)  Bench mark (where shown)  Point feature (e.g. Guide Post	# # #\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	trees  Positioned tree  Coppice or Osiers  Heath  Marsh, Salt Marsh or Reeds  Flow arrows  Mean low water (springs)  Electricity transmission line (with poles)  Triangulation station  Pylon, flare stack



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:10,560	1885	2
Nottinghamshire	1:10,560	1900	3
Lincolnshire	1:10,560	1906 - 1907	4
Lincolnshire	1:10,560	1907	5
Lincolnshire	1:10,560	1922	6
Lincolnshire	1:10,560	1922	7
Lincolnshire	1:10,560	1938 - 1947	8
Lincolnshire	1:10,560	1950	9
Ordnance Survey Plan	1:10,000	1956	10
Ordnance Survey Plan	1:10,000	1976 - 1979	11
10K Raster Mapping	1:10,000	2000	12
Street View	Variable		13

## **Historical Map - Slice C**



### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 489060, 377630 Slice:

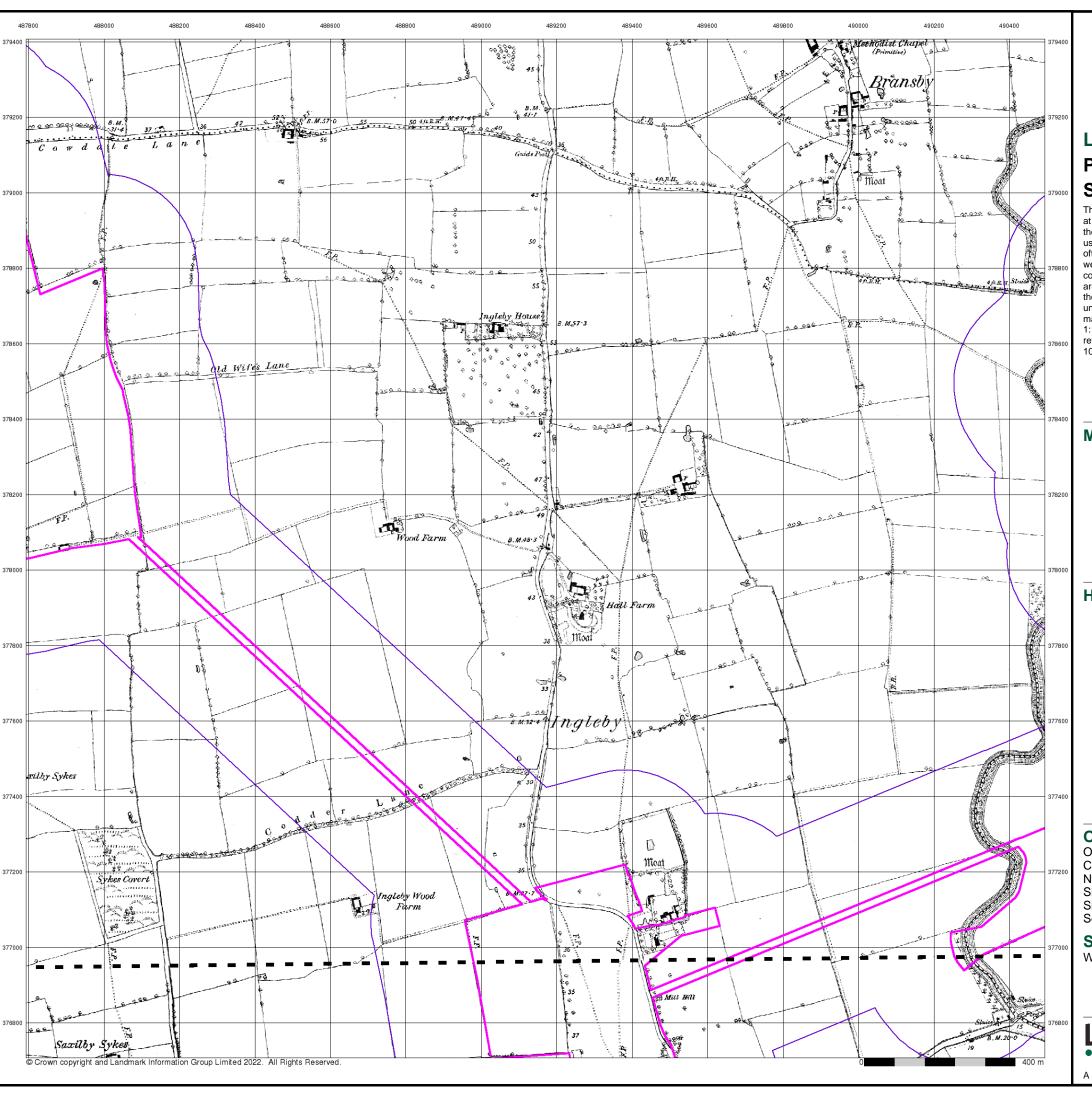
Site Area (Ha): 471.82 Search Buffer (m): 250

## **Site Details**

West Barton 1



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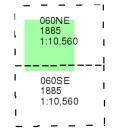


# **Published 1885**

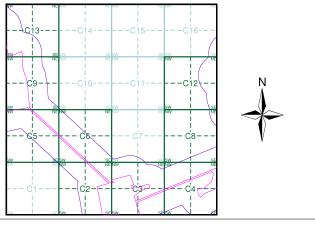
Source map scale - 1:10,560 The historical maps shown were reproduced from maps predominantly held

at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)



### **Historical Map - Slice C**



### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 489060, 377630 С

Slice:

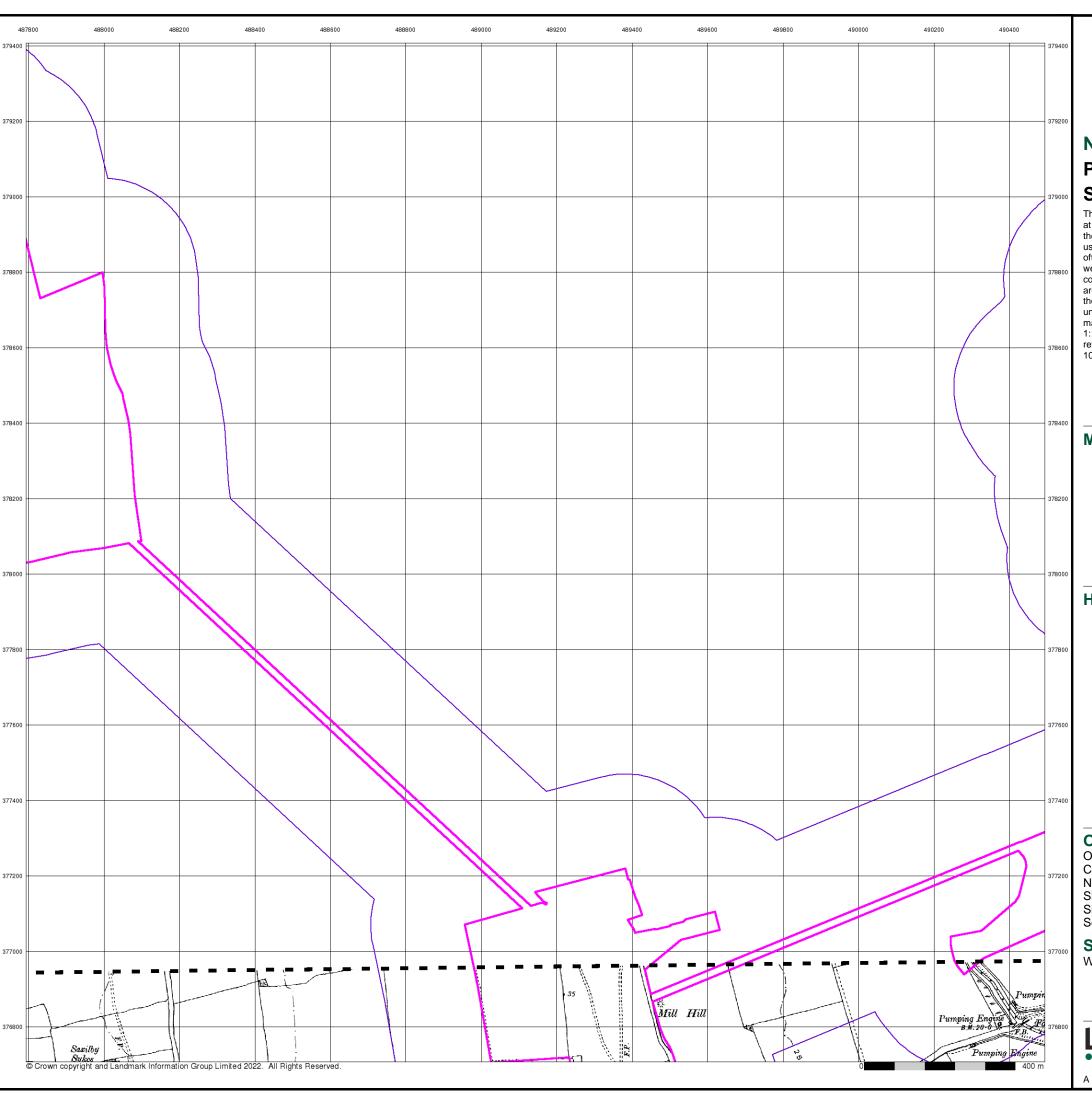
Site Area (Ha): 471.82 Search Buffer (m): 250

## **Site Details**

West Barton 1



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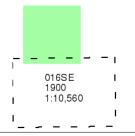




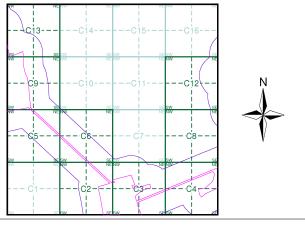
# **Nottinghamshire** Published 1900 Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)



### **Historical Map - Slice C**



### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 489060, 377630 Slice: С

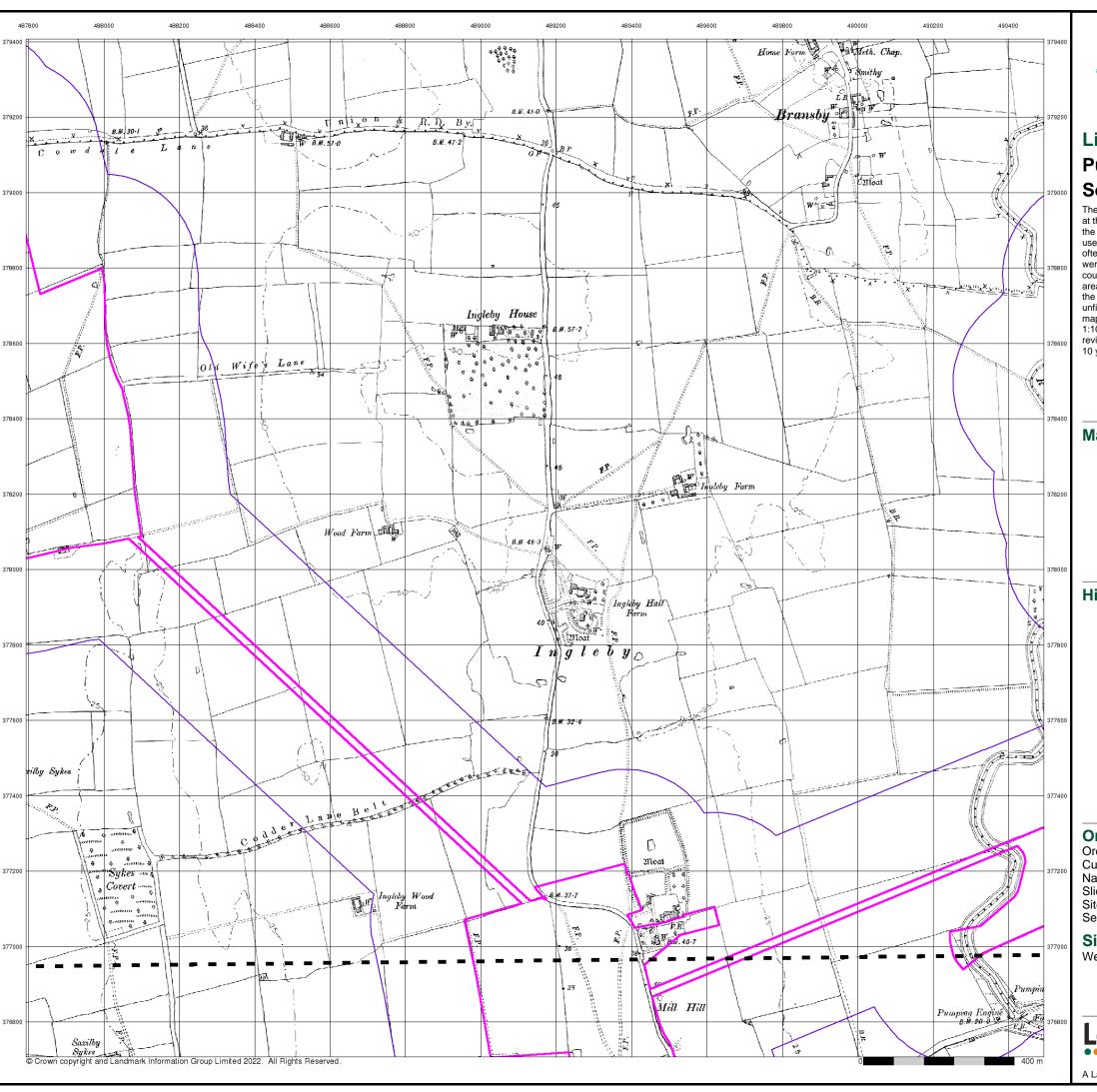
Site Area (Ha): Search Buffer (m): 471.82

## **Site Details**

West Barton 1



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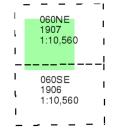




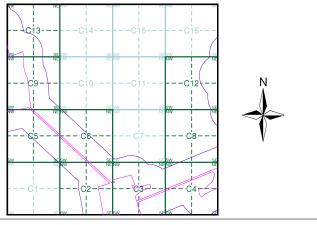
## Published 1906 - 1907 Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)



### **Historical Map - Slice C**



### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 489060, 377630 Slice: С

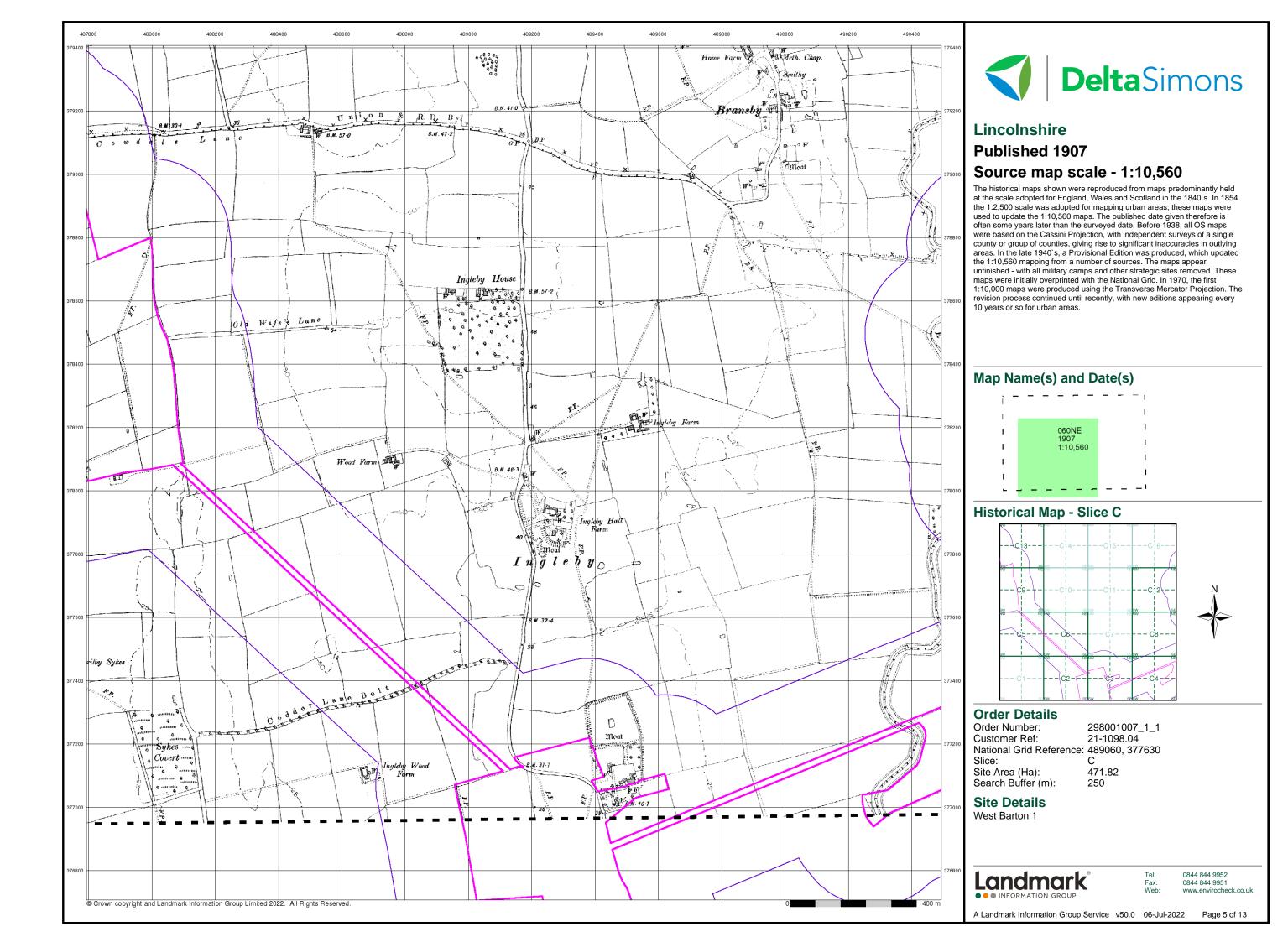
Site Area (Ha): 471.82 Search Buffer (m): 250

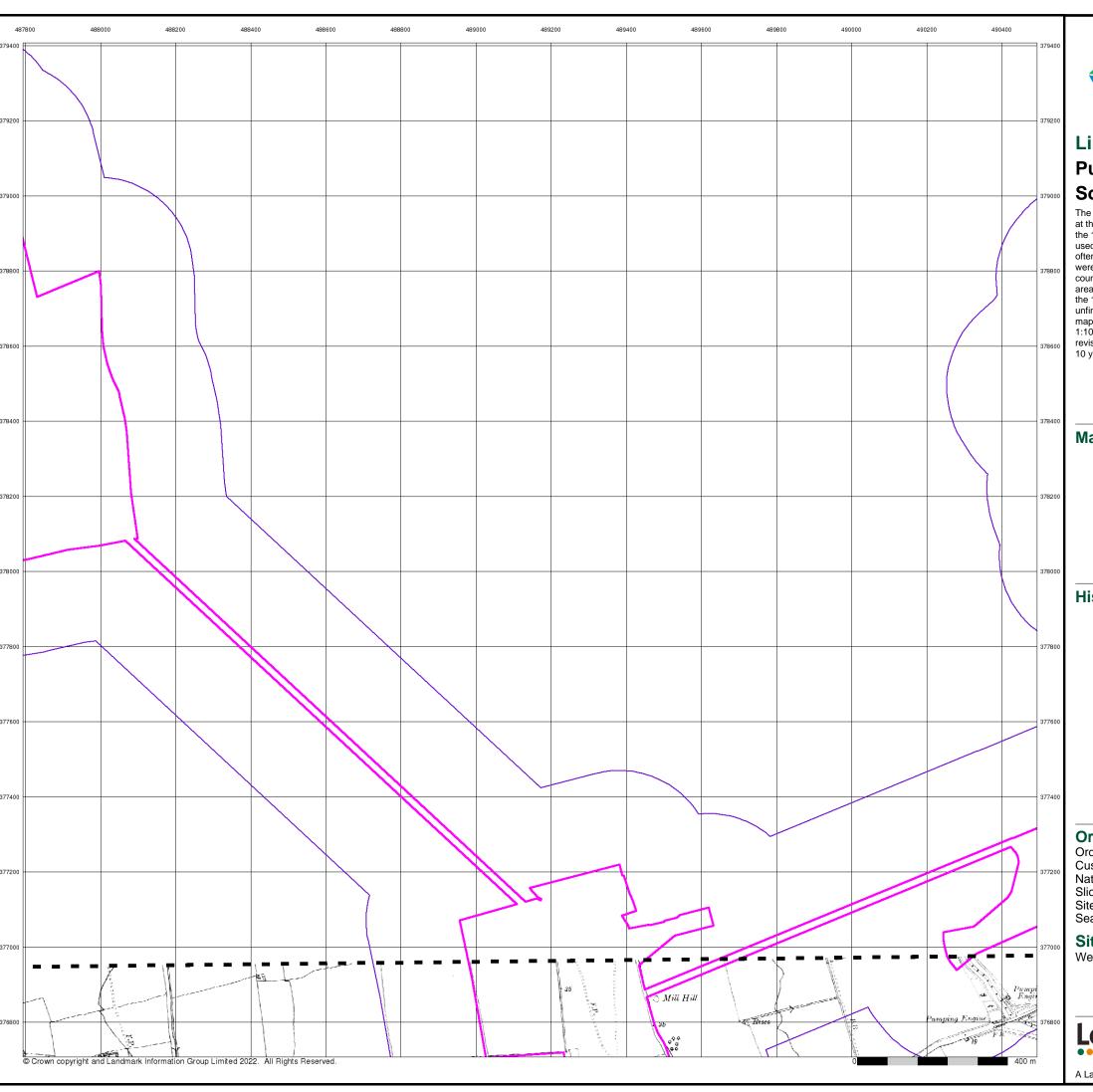
## **Site Details**

West Barton 1



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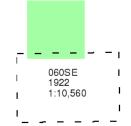




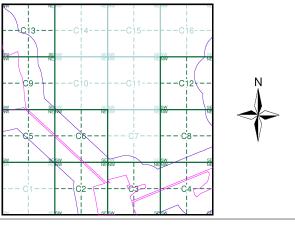
## **Published 1922** Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)



### **Historical Map - Slice C**



### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 489060, 377630 Slice: С

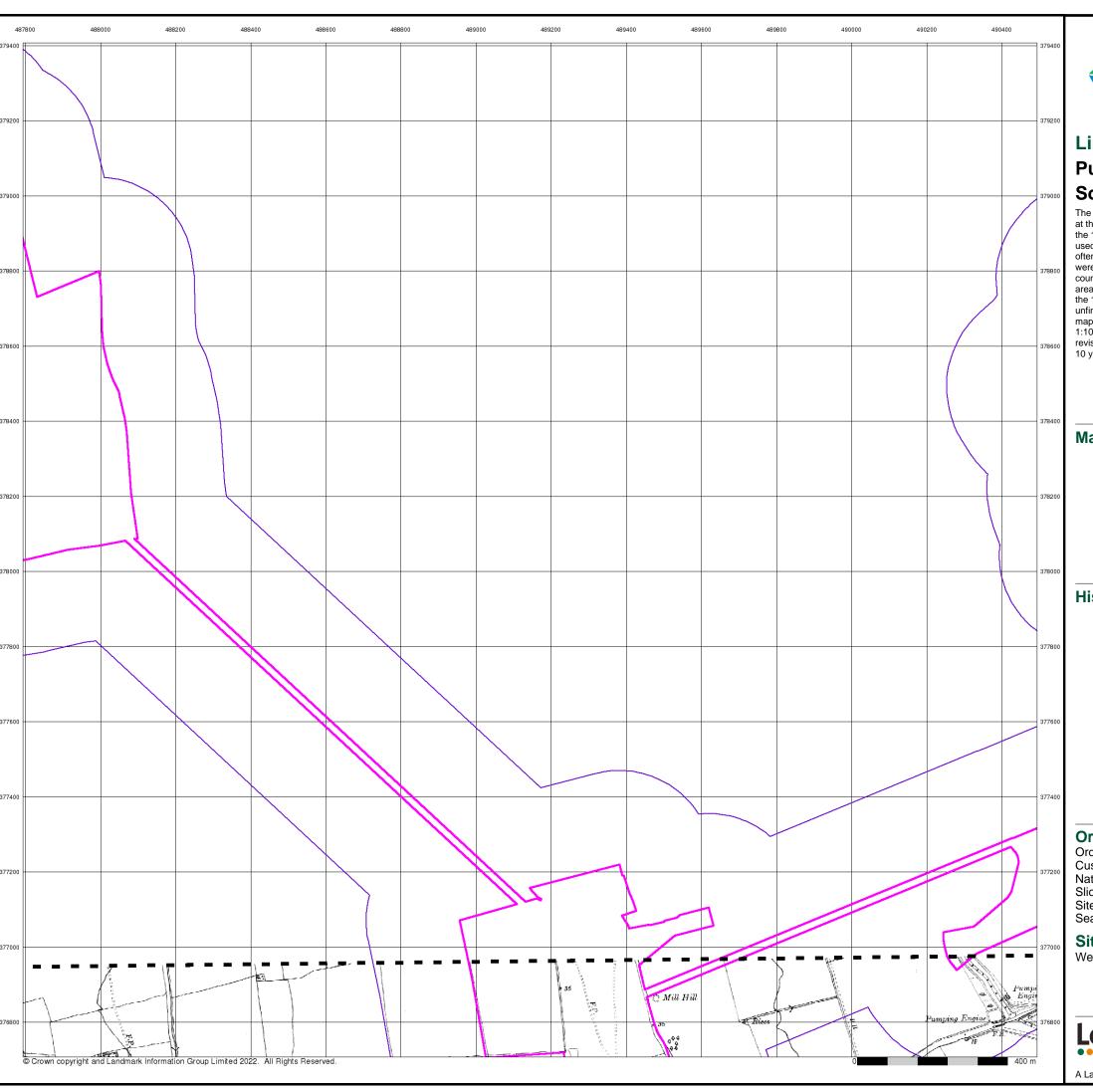
Site Area (Ha): Search Buffer (m): 471.82 250

## **Site Details**

West Barton 1



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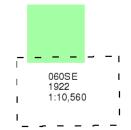


# **Published 1922**

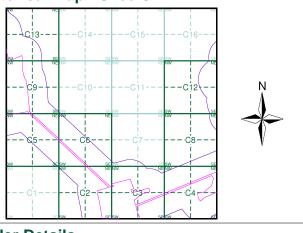
# Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)



### **Historical Map - Slice C**



### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 489060, 377630 Slice: С

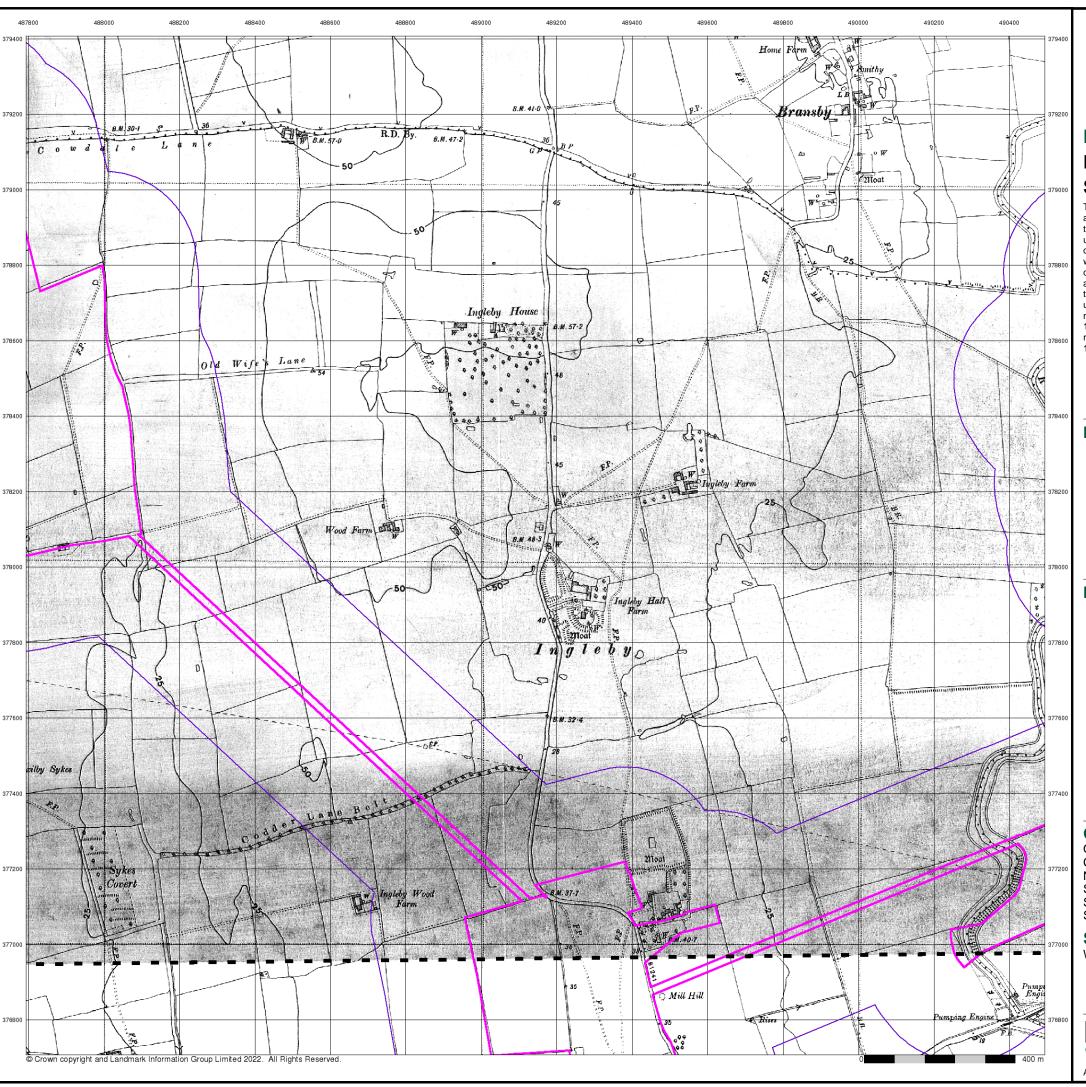
Site Area (Ha): Search Buffer (m): 471.82 250

## **Site Details**

West Barton 1



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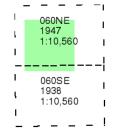




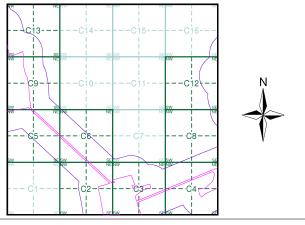
## Published 1938 - 1947 Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)



### **Historical Map - Slice C**



### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 489060, 377630 Slice:

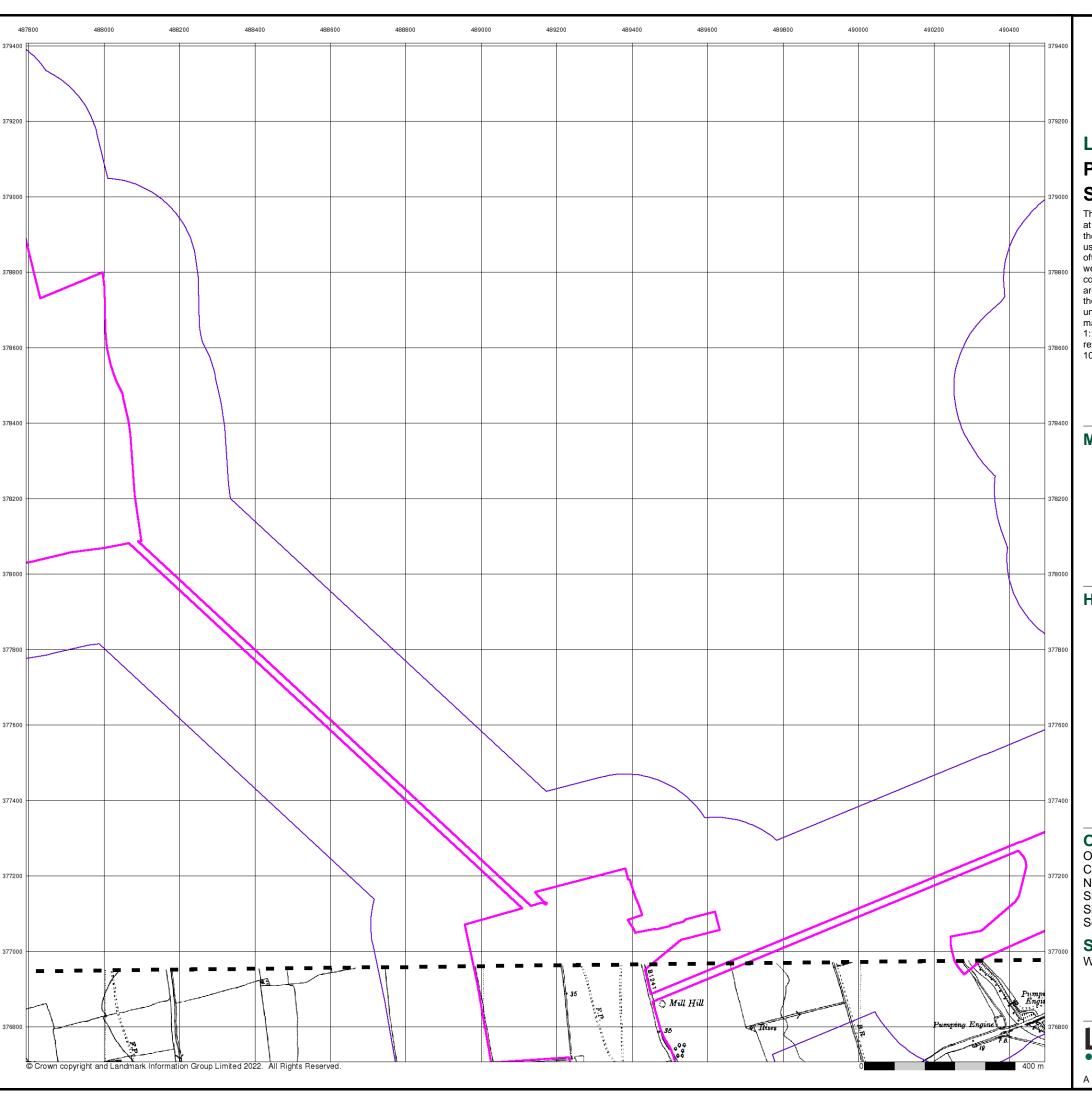
Site Area (Ha): Search Buffer (m): 471.82

## **Site Details**

West Barton 1



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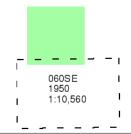
### Lincolnshire

### Published 1950

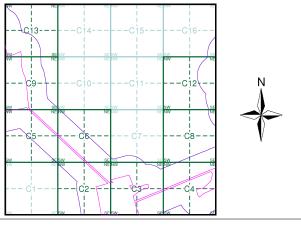
### Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)



### **Historical Map - Slice C**



#### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 489060, 377630 Slice: С

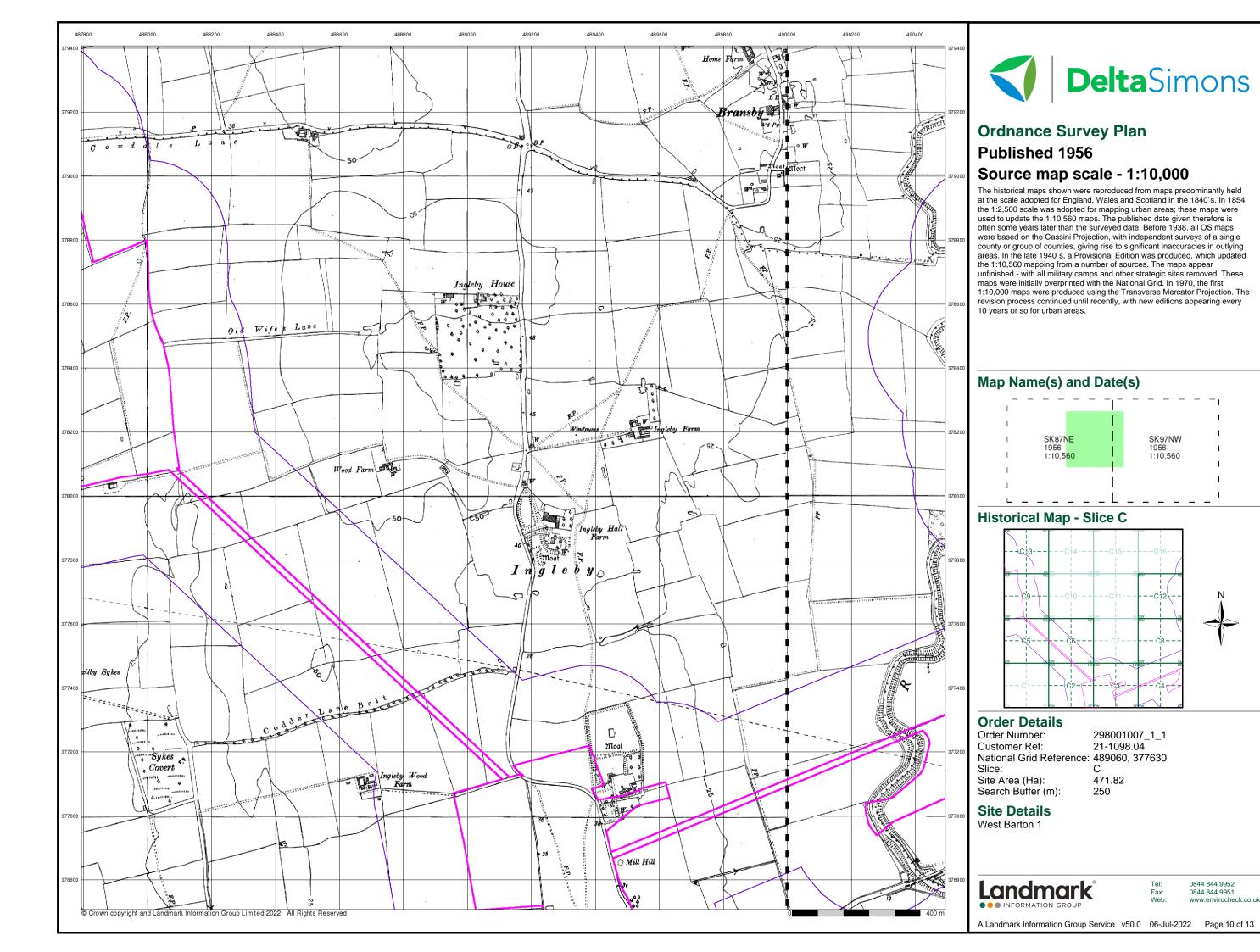
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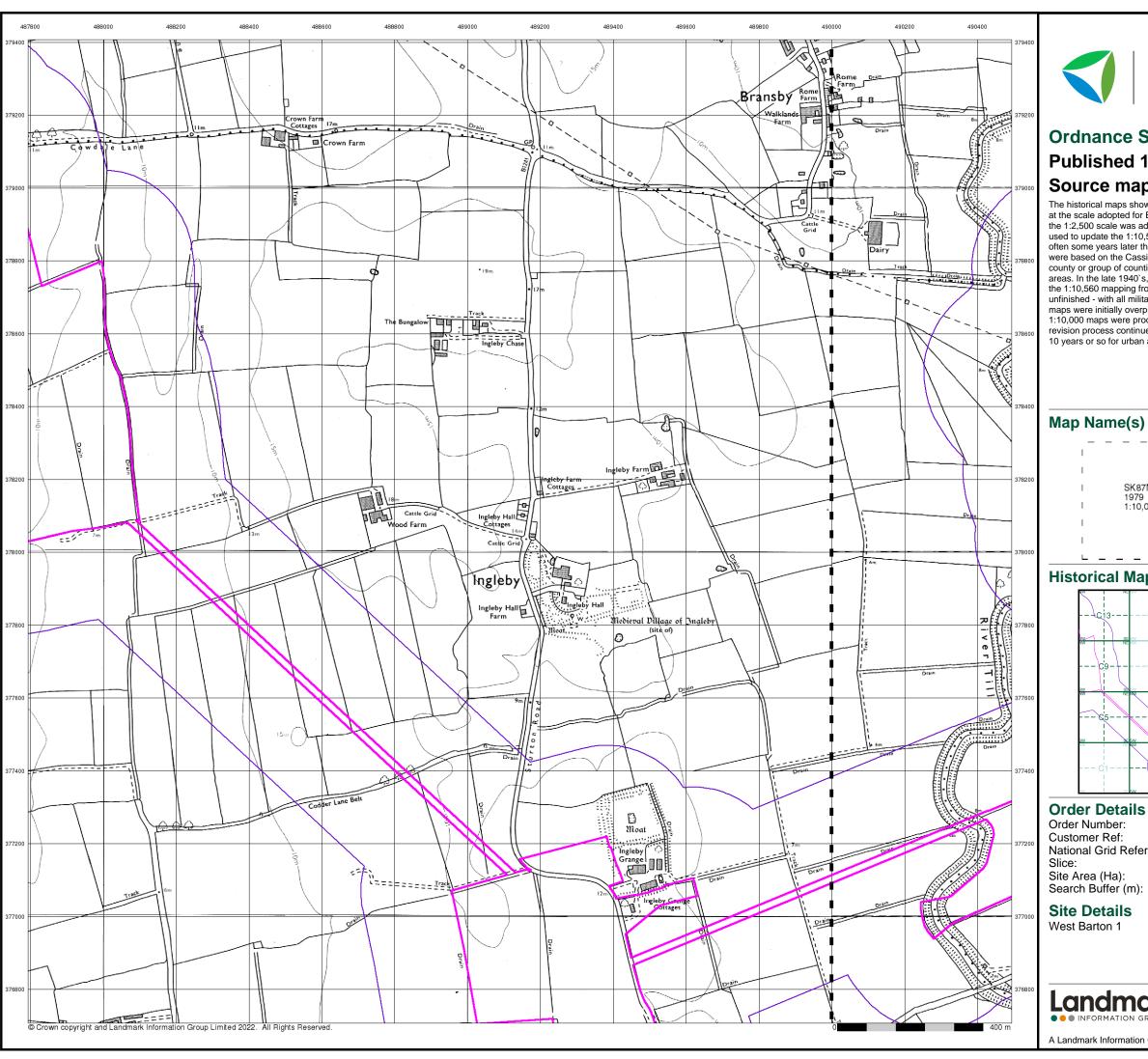
### **Site Details**

West Barton 1



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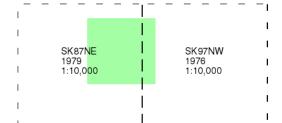




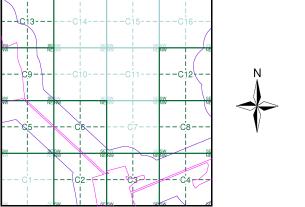
### **Ordnance Survey Plan** Published 1976 - 1979 Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)



#### **Historical Map - Slice C**

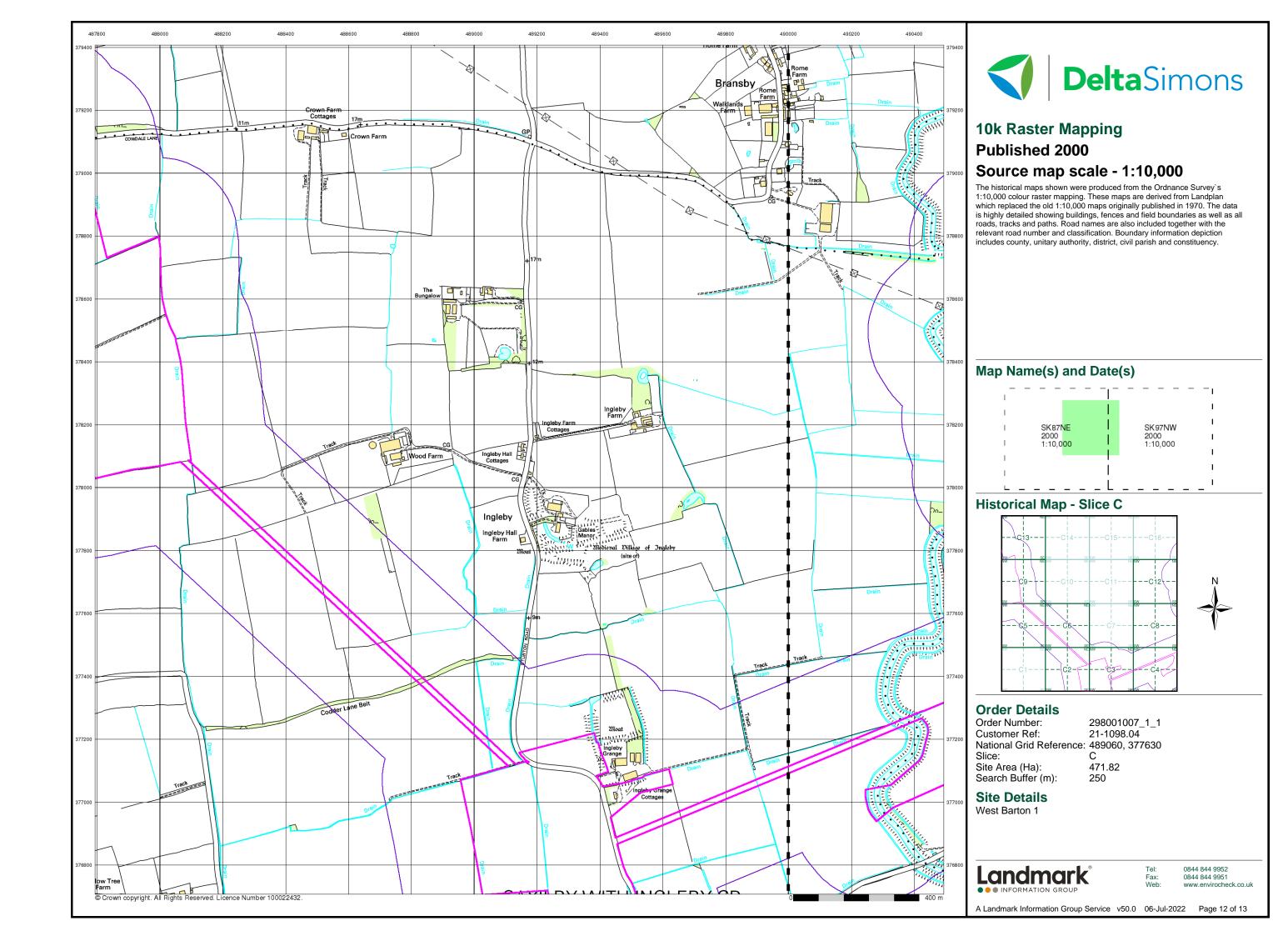


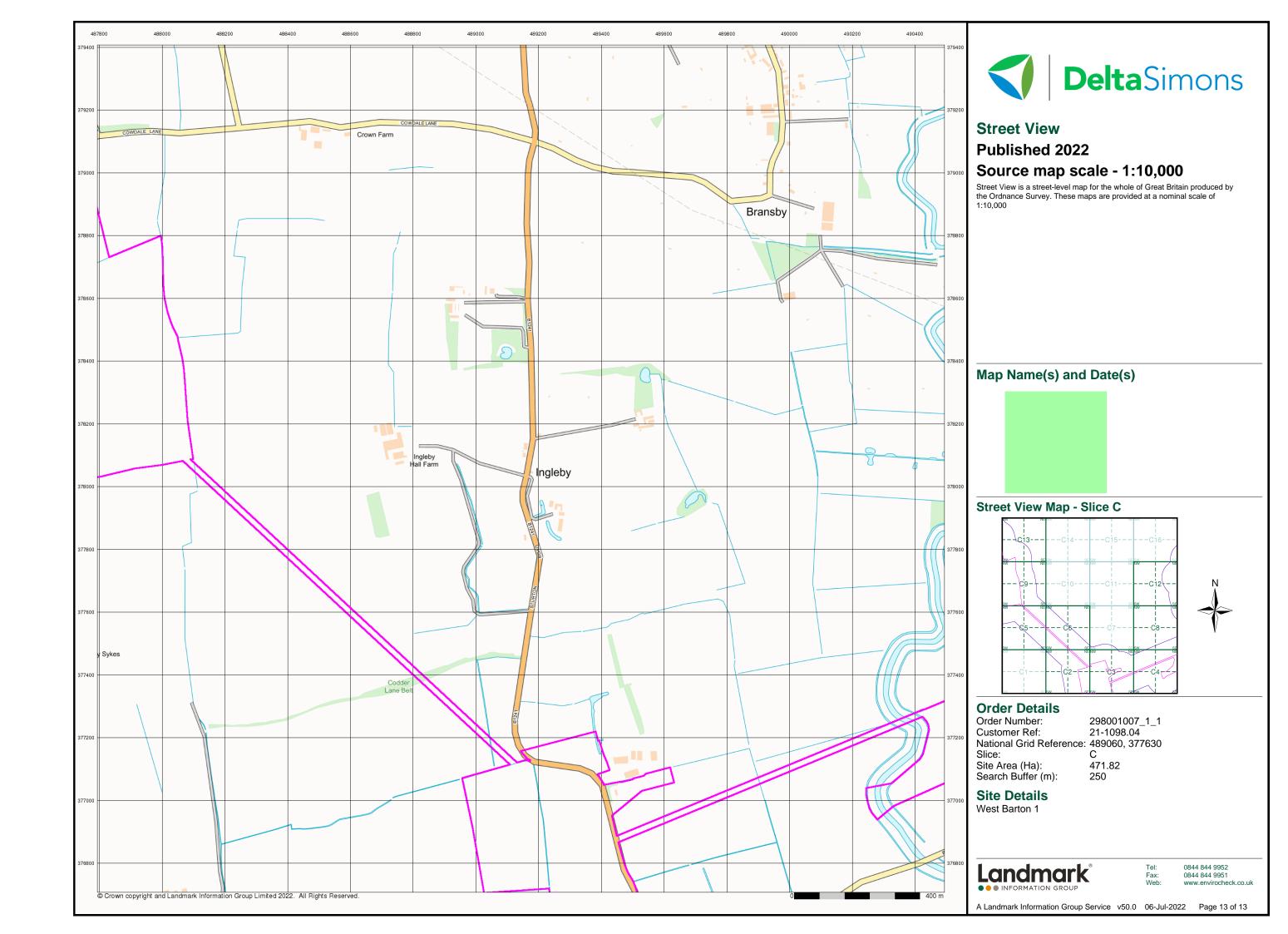
298001007\_1\_1 21-1098.04 National Grid Reference: 489060, 377630

471.82

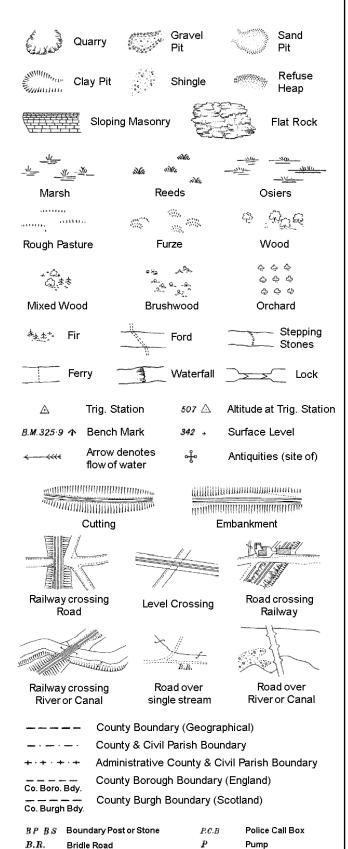
Landmark

0844 844 9952





### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



S.P

T.C.B

Sl.

Tr:

Electricity Pylor

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

E.P

F.B.

M.S

Signal Post

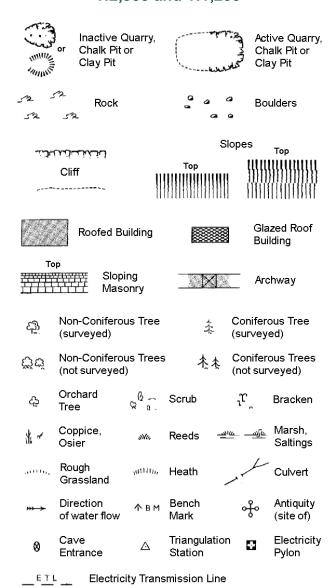
Telephone Call Box

Sluice

Spring

Trough Well

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



County Boundary (Geographical) County & Civil Parish Boundary

Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

вн	Beer House	Р	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
EIP	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

Clitt			Slo	pes	Тор
			Тор	1111111	IIIIIIIII
		!!!!	111111111111111111111111111111111111111		!!!!! <b>!!!!</b>
		1111	111111111111111111111111111111111111111		
523	Rock		7,5	Rock (so	cattered)
$ \mathcal{Q}^{\sigma} $	Boulders		<i>D</i>	Boulders	s (scattered)
	Positioned	Boulder		Scree	
ফ্র	Non-Conifo (surveyed)	erous Tree )	*	Conifero	
ඊූූ	Non-Conife (not surve	erous Trees yed)	表表	Conifero (not sur	ous Trees /eyed)
Ą.	Orchard Tree	Q 6 a.	Scrub	<sup>1</sup> u	Bracken
* ~	Coppice, Osier	sNu,	Reeds 🛥	<u>।ए —ग्र</u> ीह	Marsh, Saltings
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Rough Grassland	$mm_{tt}$	Heath	1	Culvert
<del>&gt;&gt;&gt; ≻</del>	Direction of water flo	Δ wα	Triangulation Station	, %	Antiquity (site of)
E <u>T</u> L	Electric	ity Transmis	ssion Line	$\boxtimes$	Electricity Pylon
K BM	231.60m E	Bench Mark	7	Building Building	
	Roofe	ed Building		81	azed Roof iilding
		Ci∨il parish	/community b	oundary	
		District bou	=	•	
_ •		County bou	ındary		
0		Boundary	=		
		Boundary r	nereing symb	ol (note:	these
٥		always app of three)	ear in oppose	ed pairs o	r groups
Bks	Barracks		Р		le or Post
Bty	Battery		PO PO	Post Offi	
Cemy Chy	Cemetery Chimney		PC Pp	Public Co	onvenience
Cis	Cistern		Ppg Sta	Pumping	Station
Dismtd R		tled Railway	PW	Place of	
El Gen St	a Electric Station	ity Generating	Sewage P		ewage umping Station
EIP		Pole, Pillar	SB, S Br		ox or Bridge
El Sub St	a Electricity		SP, SL	_	ost or Light
FB	Filter Bed		Spr	Spring	_
Fn / D Fn	Fountain /	Drinking Ftn.	Tk	Tank or T	rack
			-		

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

GP

Tr

Wd Pp

Wks

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

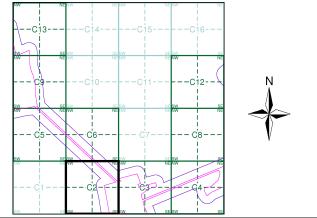
Works (building or area)



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1972 - 1975	5
Additional SIMs	1:2,500	1986	6
Additional SIMs	1:2,500	1993	7
Large-Scale National Grid Data	1:2,500	1994	8

### **Historical Map - Segment C2**



#### **Order Details**

Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 489060, 377630

Slice:

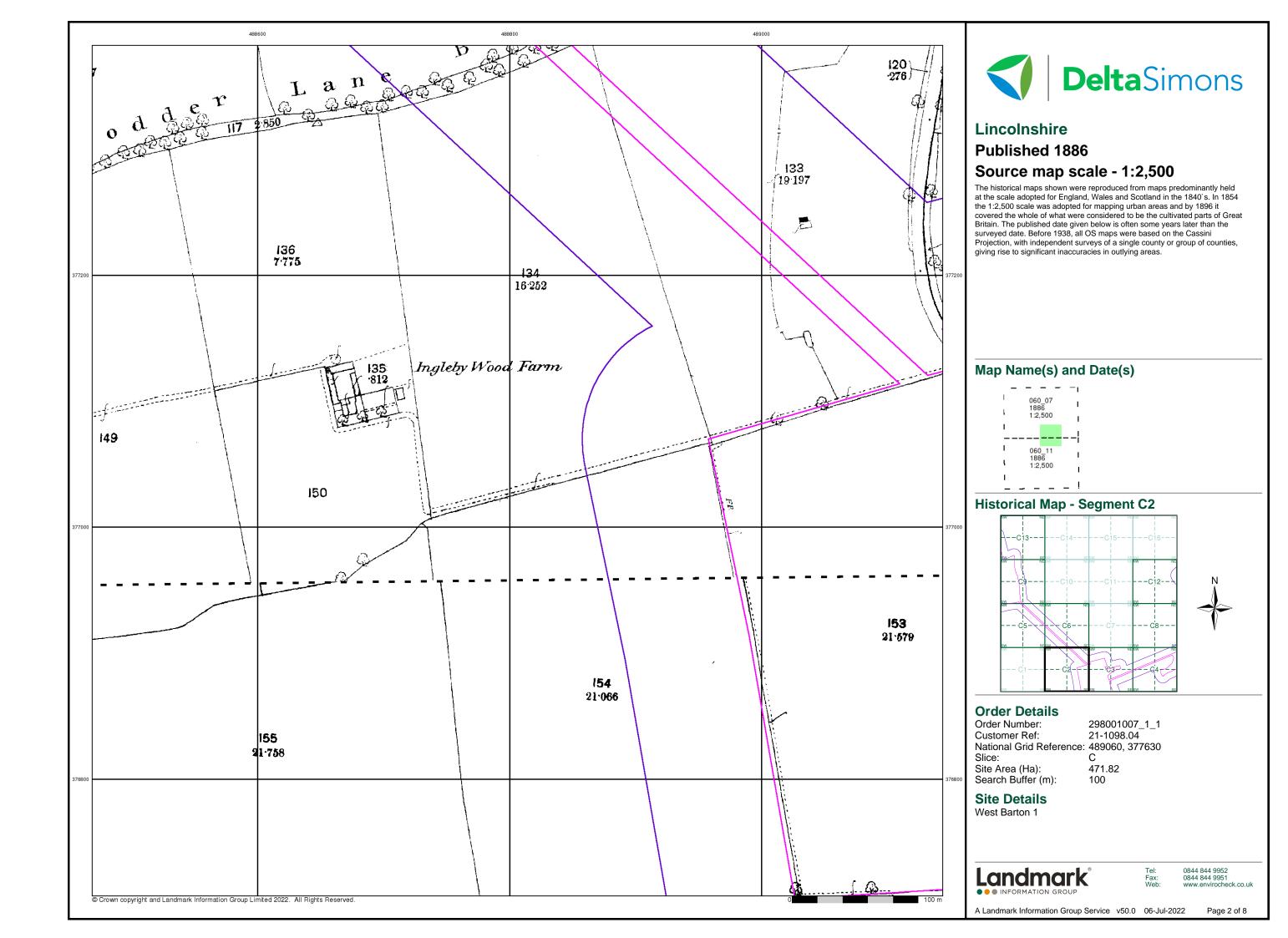
471.82 Site Area (Ha): Search Buffer (m): 100

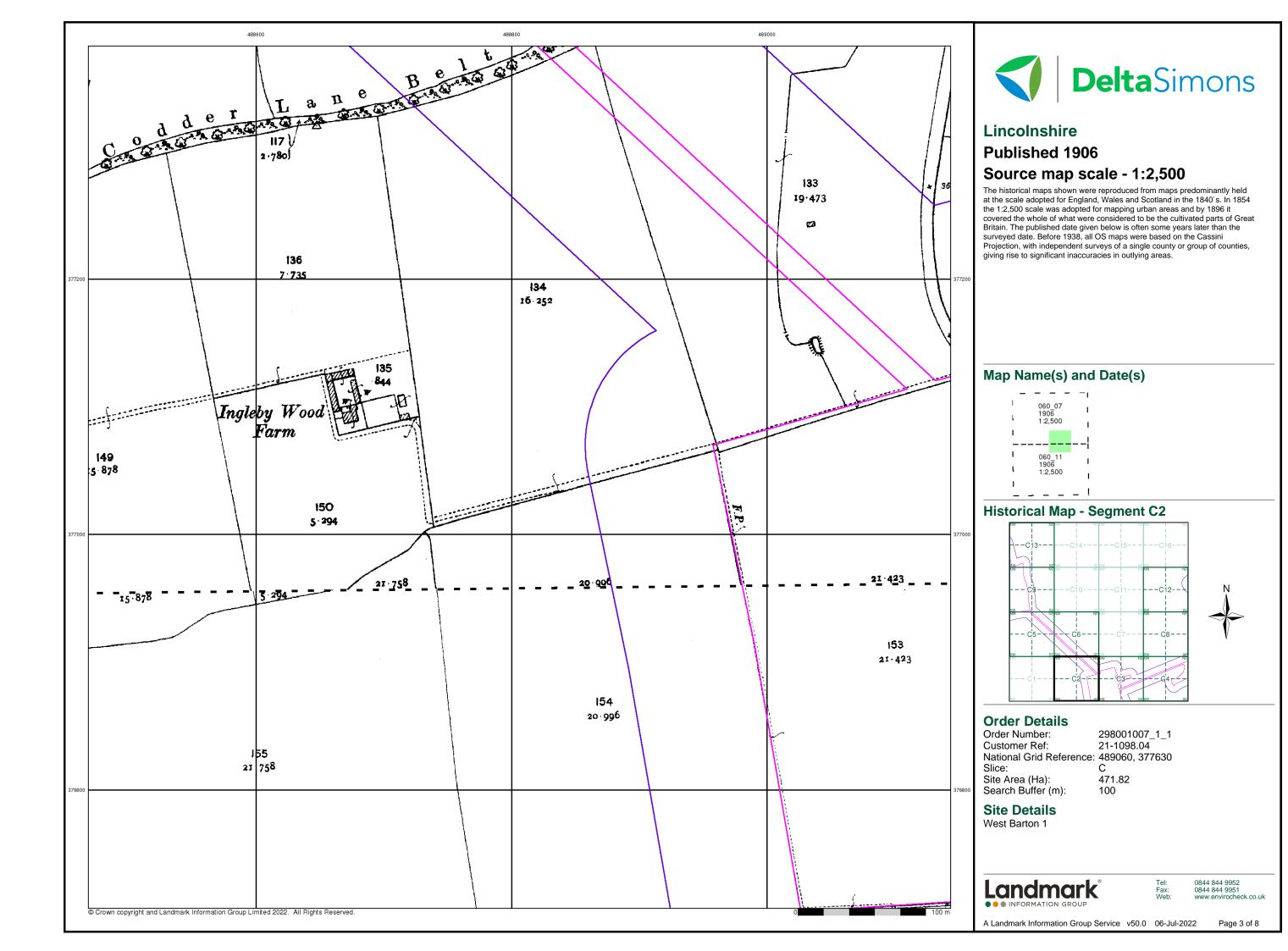
### **Site Details**

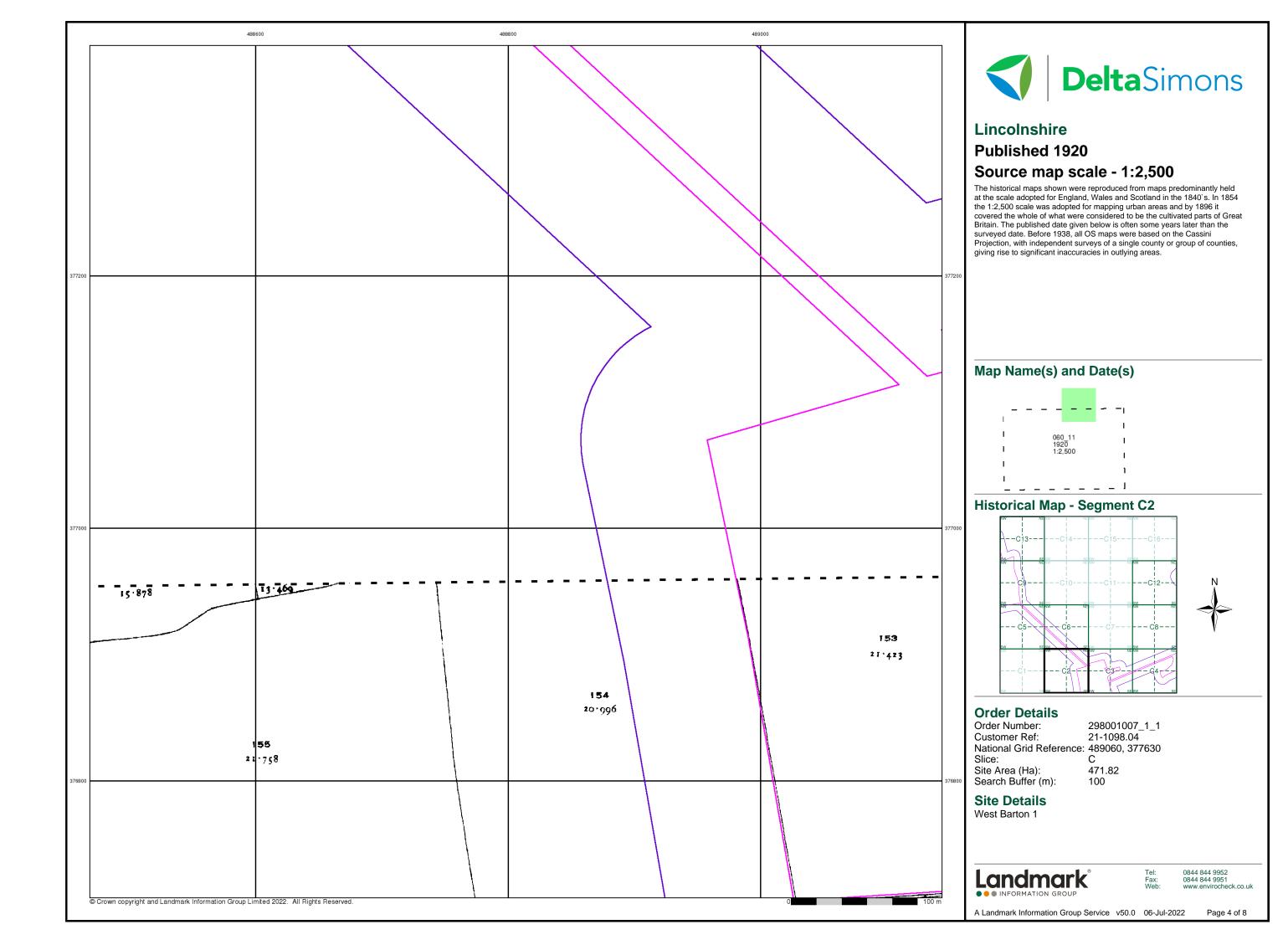
West Barton 1

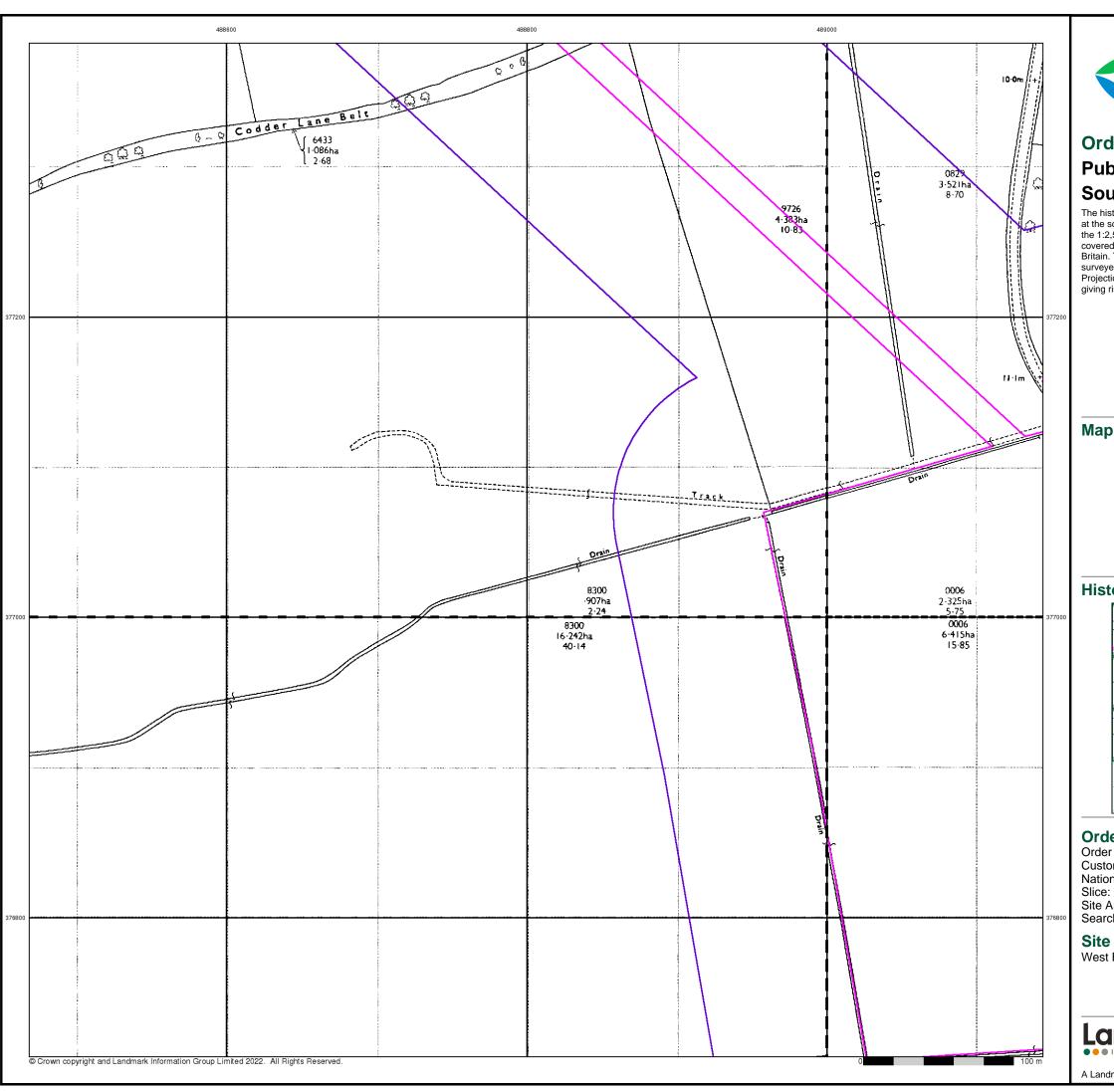


0844 844 9952 0844 844 9951







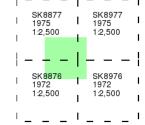




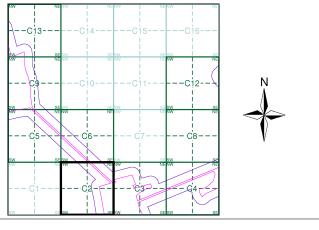
### **Ordnance Survey Plan Published 1972 - 1975** Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

### Map Name(s) and Date(s)



### **Historical Map - Segment C2**



#### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 489060, 377630

Site Area (Ha): Search Buffer (m): 471.82

### **Site Details**

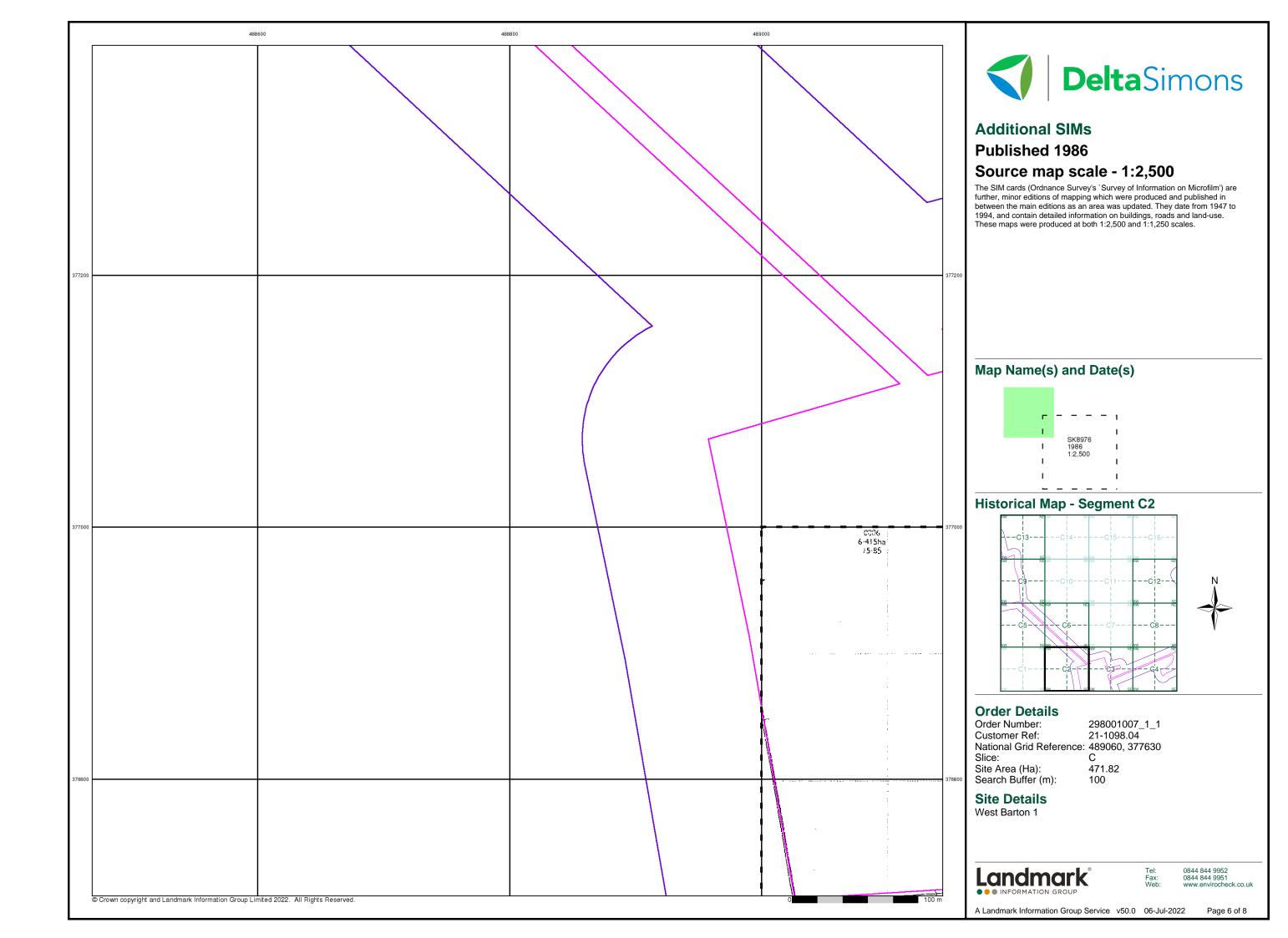
West Barton 1

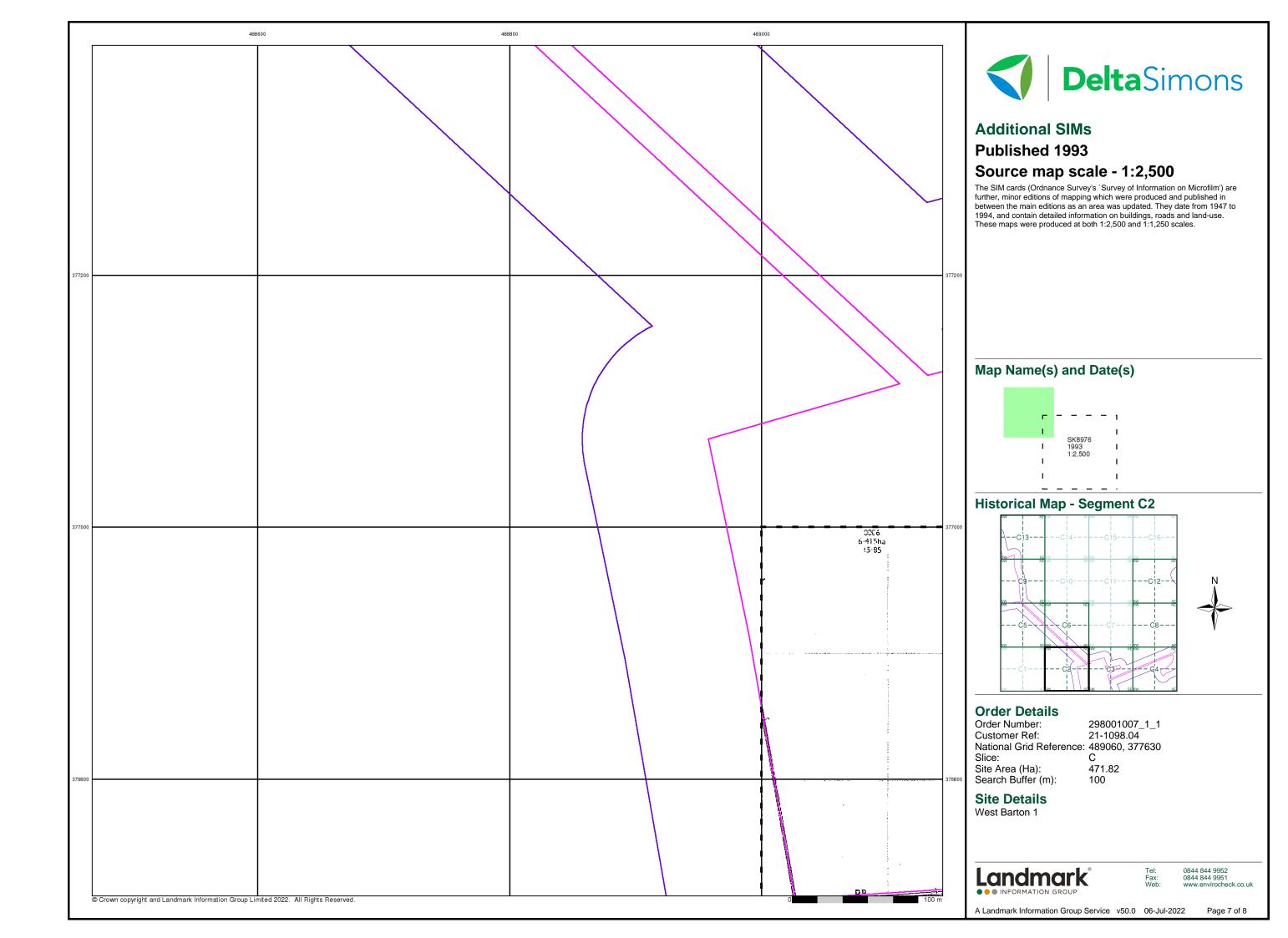


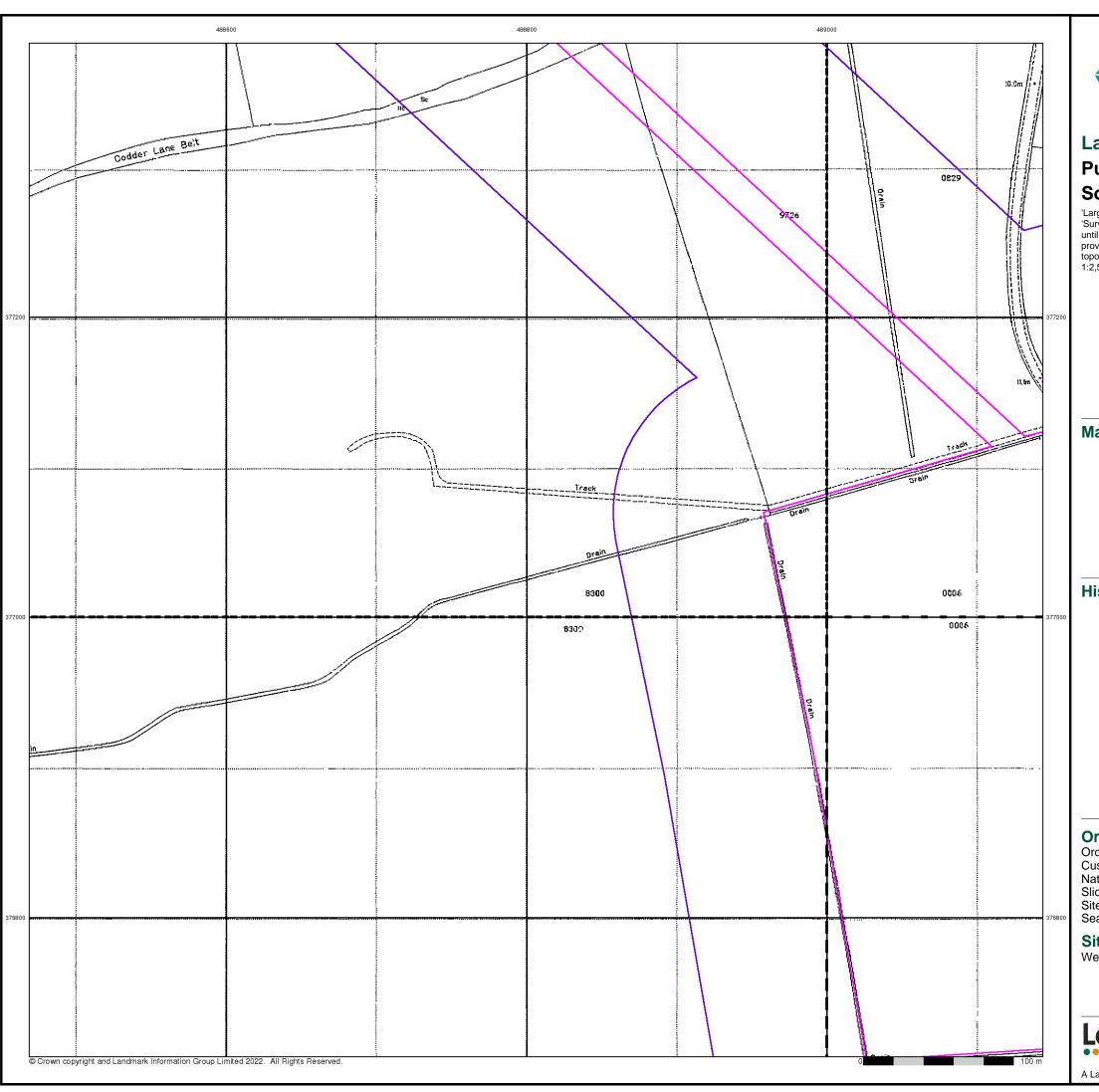
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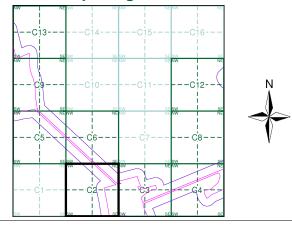
### **Large-Scale National Grid Data Published 1994** Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

### Map Name(s) and Date(s)

I I	199	8877 4 500	 	SK8977 1994 1:2,500	1
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-	_	_			_
1			- 1		
	SK	3876		SK8976	
l	199		i	SK8976 1994 1:2,500	i
 	199	4	1	1994	· ·

### **Historical Map - Segment C2**



#### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 489060, 377630 Slice:

Site Area (Ha): Search Buffer (m): 471.82

### **Site Details**

West Barton 1

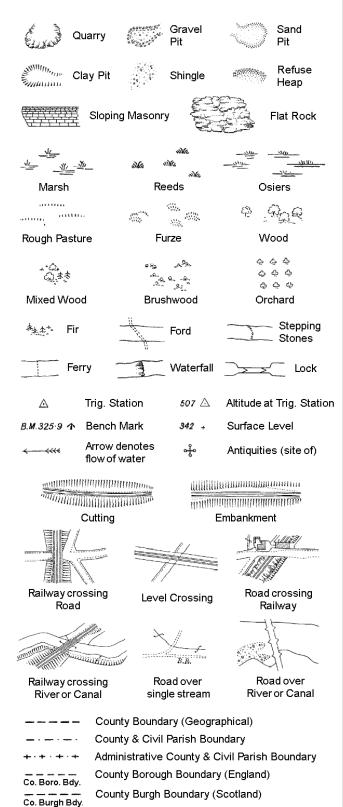


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### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

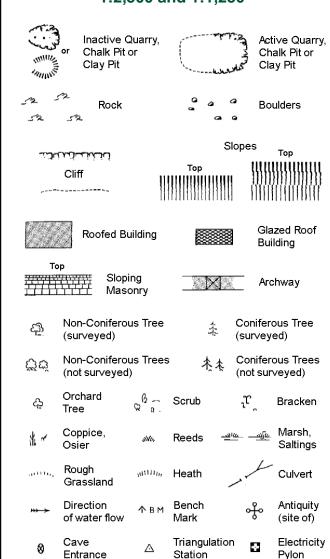
Well

S.P

Sl.

Tr:

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · ·				
		Civil Parish Boundary				
		Admin. County or County Bor. Boundary				
	L B Bd	y <u> </u>	London Borough Boundary			
o A		Symbol marking point where boundary mereing changes				
	вн	Beer House		Р	Pillar, Pole or Post	
	BP, BS	Boundary Post or Stone		PO	Post Office	
	Cn, C Capstan, Crar		ne	PC	Public Convenience	
Chy Chimney			PH	Public House		
	D Fn	Drinking Fou	ntain	Pp	Pump	
	EIP	Electricity Pil	lar or Post	SB, S Br	Signal Box or Bridge	
	FAP Fire Alarm Pillar		lar	SP, SL	Signal Post or Light	
	FB	FB Foot Bridge		Spr	Spring	
	GP	Guide Post		Tk	Tank or Track	
	Н	Hydrant or Hy	/draulic	TCB	Telephone Call Box	
	LC	Level Crossin	ng	TCP	Telephone Call Post	

Manhole

Mile Stone

Normal Tidal Limit

Mile Post or Mooring Post

MP

MS

NTL

**Electricity Transmission Line** 

County Boundary (Geographical) County & Civil Parish Boundary

Trough

Wind Pump

Wd Pp

Water Point, Water Tap

### 1:1,250

		Slo	ppes	
	لكنيس	Тор	Top	
(	Cliff		)))))))))))	
,			1111111111111111	
523	Rock	7,3	Rock (scattered)	
	Boulders	<i>D</i>	Boulders (scattered)	
$\triangle$	Positioned Boulder		Scree	
ফ্র	Non-Coniferous Tree (surveyed)	*	Coniferous Tree (surveyed)	
ඊ්ඊ	Non-Coniferous Trees (not surveyed)	杰杰	Coniferous Trees (not surveyed)	
Ą.	Orchard $Q = Q = Q = Q$	Scrub	<sub>າ</sub> ຕຸ Bracken	
* ~	Coppice, Osier	Reeds 🛥	Marsh, Saltings	
artitu,	Rough "min, Grassland	Heath	Culvert	
<del>&gt;&gt;&gt; →</del>	Direction △ of water flow	Triangulation Station	Antiquity (site of)	
_ETL_	_ Electricity Transmis	sion Line	Electricity Pylon	
/ <del>/</del> / BM	231.60m Bench Mark		Buildings with Building Seed	
	Roofed Building		Glazed Roof Building	
	• • Civil parish	community b	oundary	
	— District bou	District boundary		
- •	—— County bou	ındary		
٥	Boundary p	ost/stone		
مر	<del>_</del>		ol (note: these ed pairs or groups	
Bks	Barracks	P	Pillar, Pole or Post	
Bty	Battery	PO	Post Office	
Cemy	Cemetery	PC	Public Convenience	
Chy Cis	Chimney Cistern	Pp Ppg Sta	Pump Pumping Station	
Dismtd R		rpg Sta PW	Place of Worship	
El Gen St	-	Sewage P		
EIP	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge	
El Sub St	a Electricity Sub Station	SP, SL	Signal Post or Light	
FB	Filter Bed	Spr	Spring	
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track	

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

Tr

Wd Pp

Wks

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

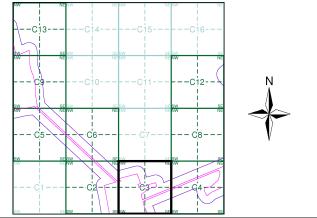
Works (building or area)



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1972 - 1975	5
Additional SIMs	1:2,500	1986	6
Additional SIMs	1:2,500	1993	7
Large-Scale National Grid Data	1:2,500	1994	8

### **Historical Map - Segment C3**



#### **Order Details**

Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 489060, 377630 Slice:

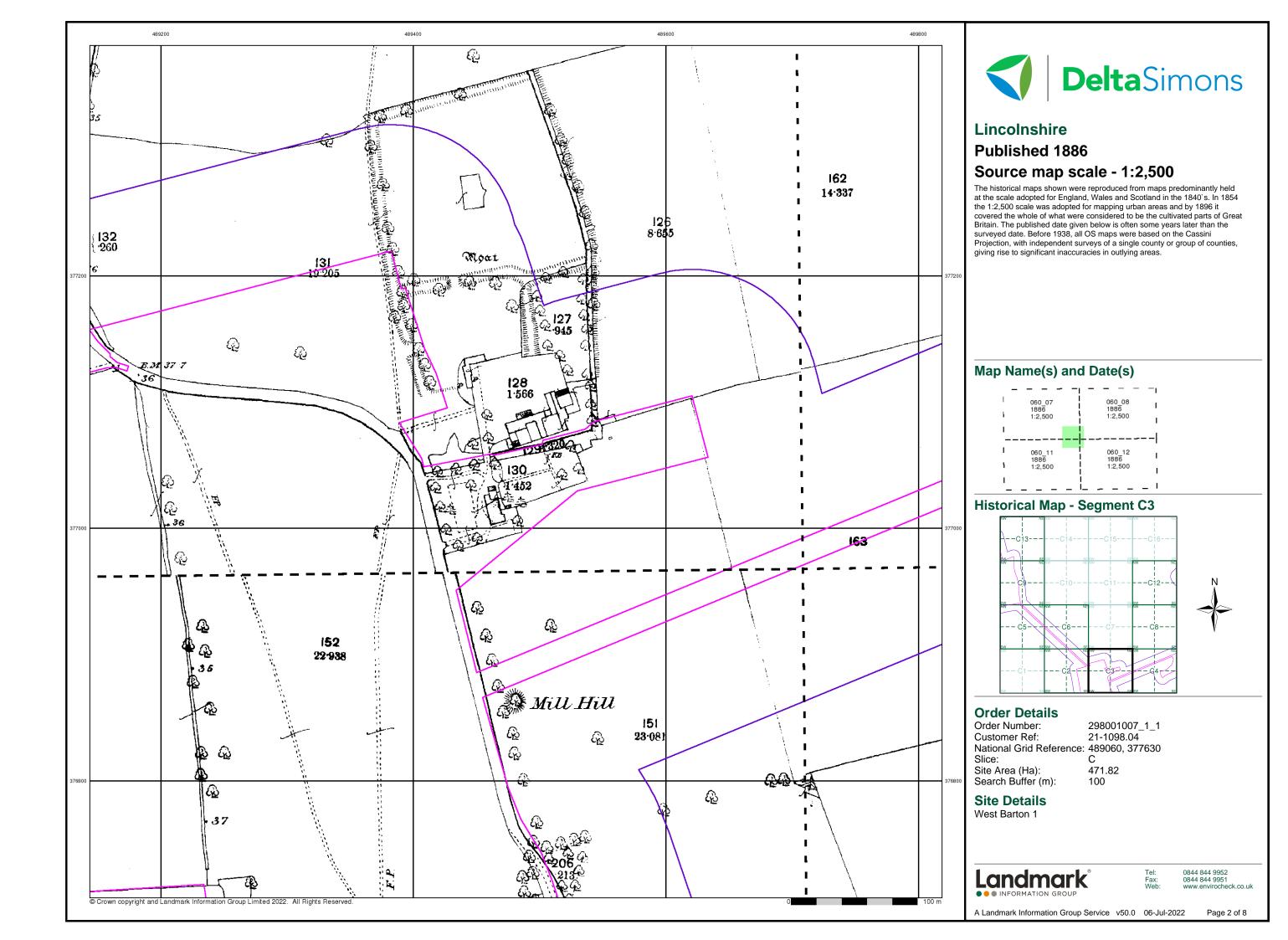
471.82 Site Area (Ha): Search Buffer (m): 100

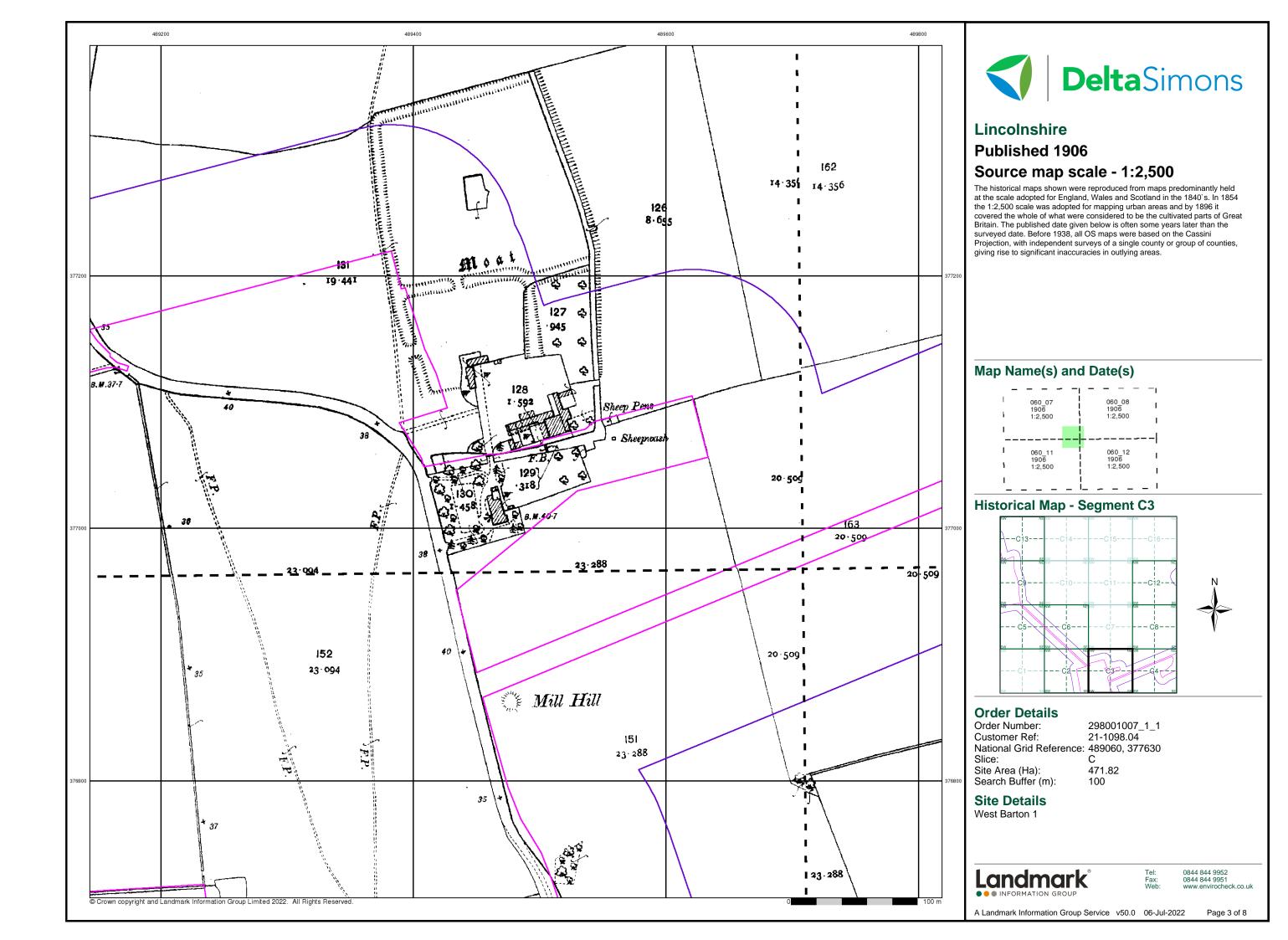
### **Site Details**

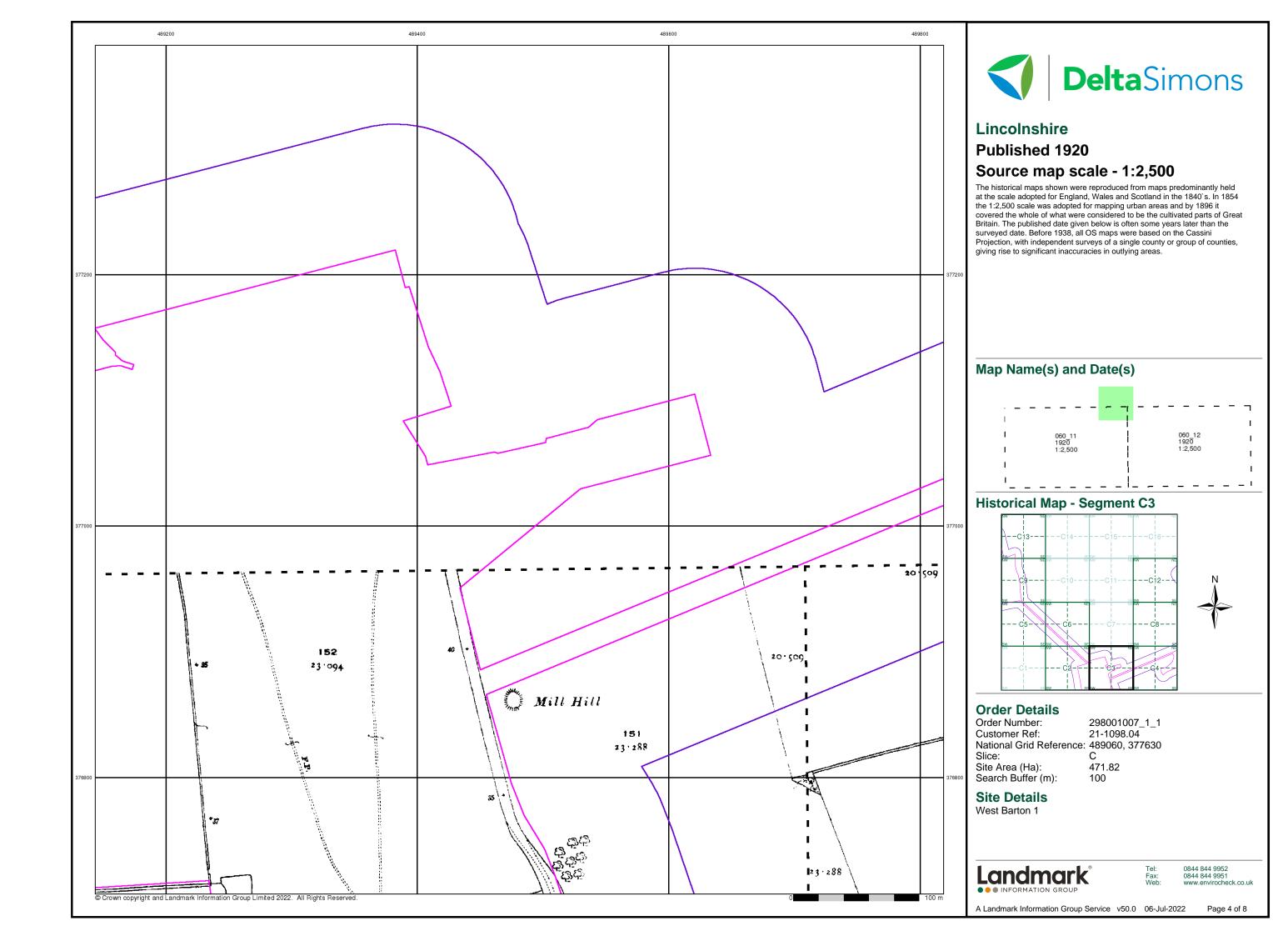
West Barton 1

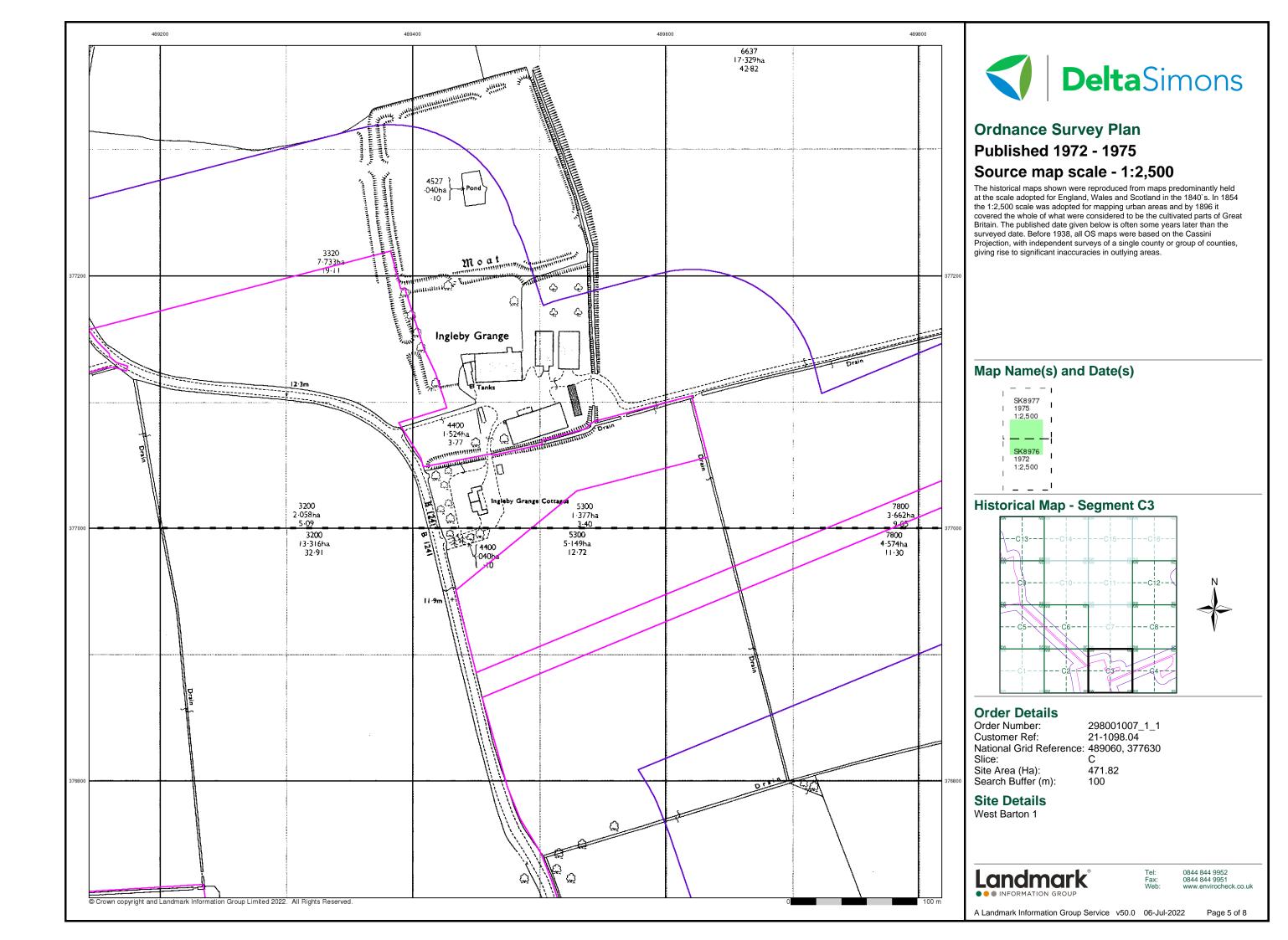


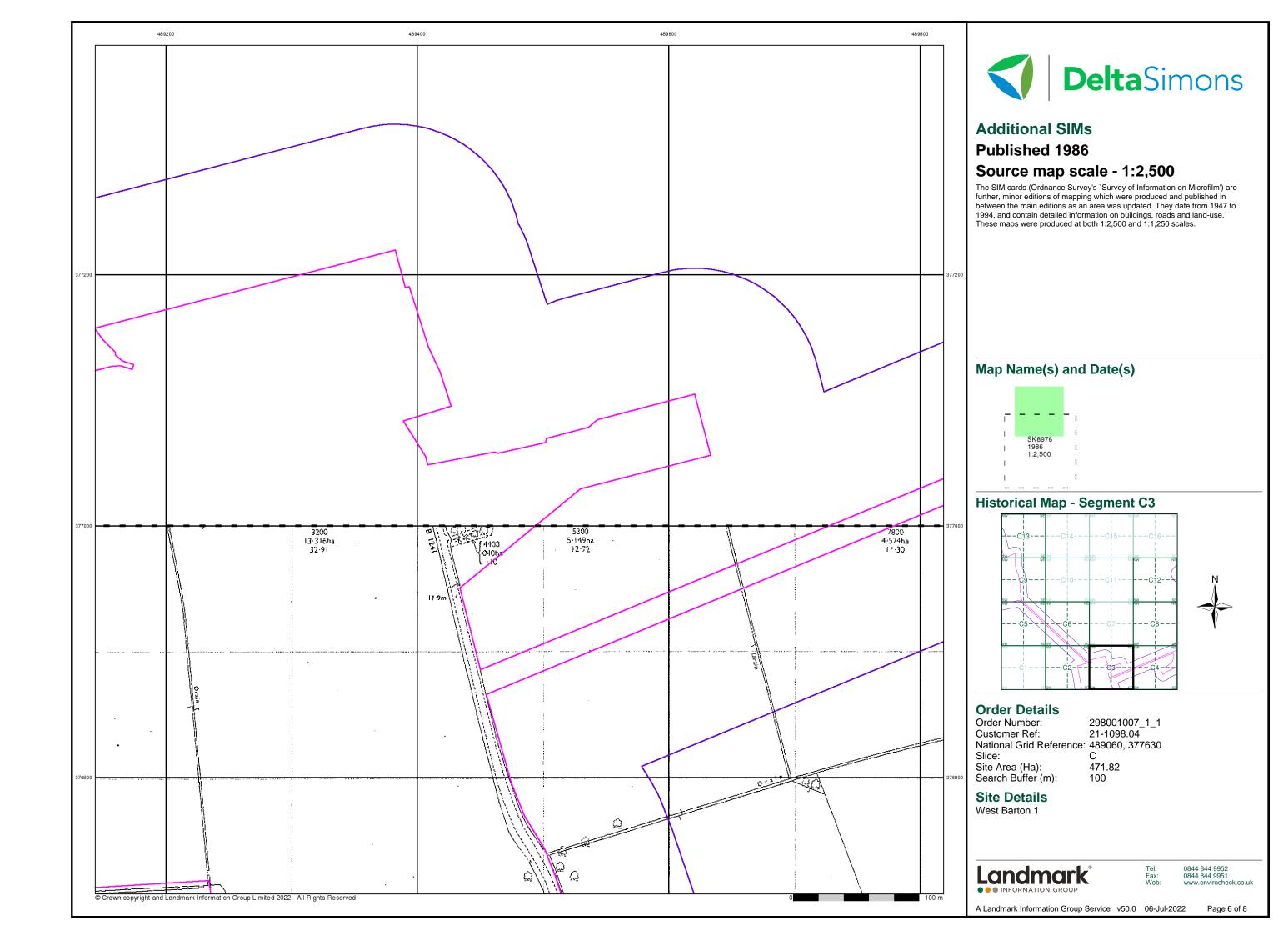
0844 844 9952 0844 844 9951

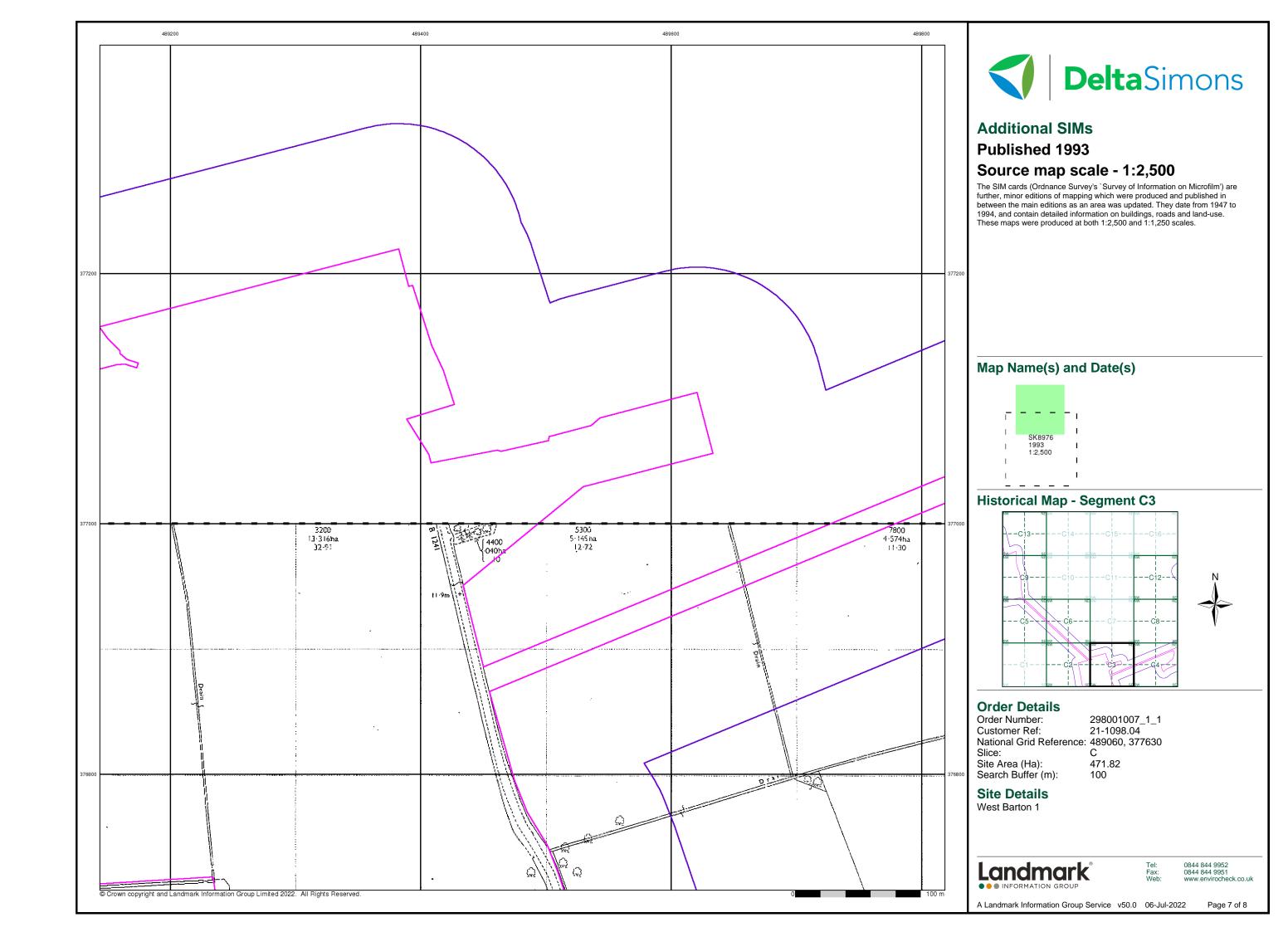


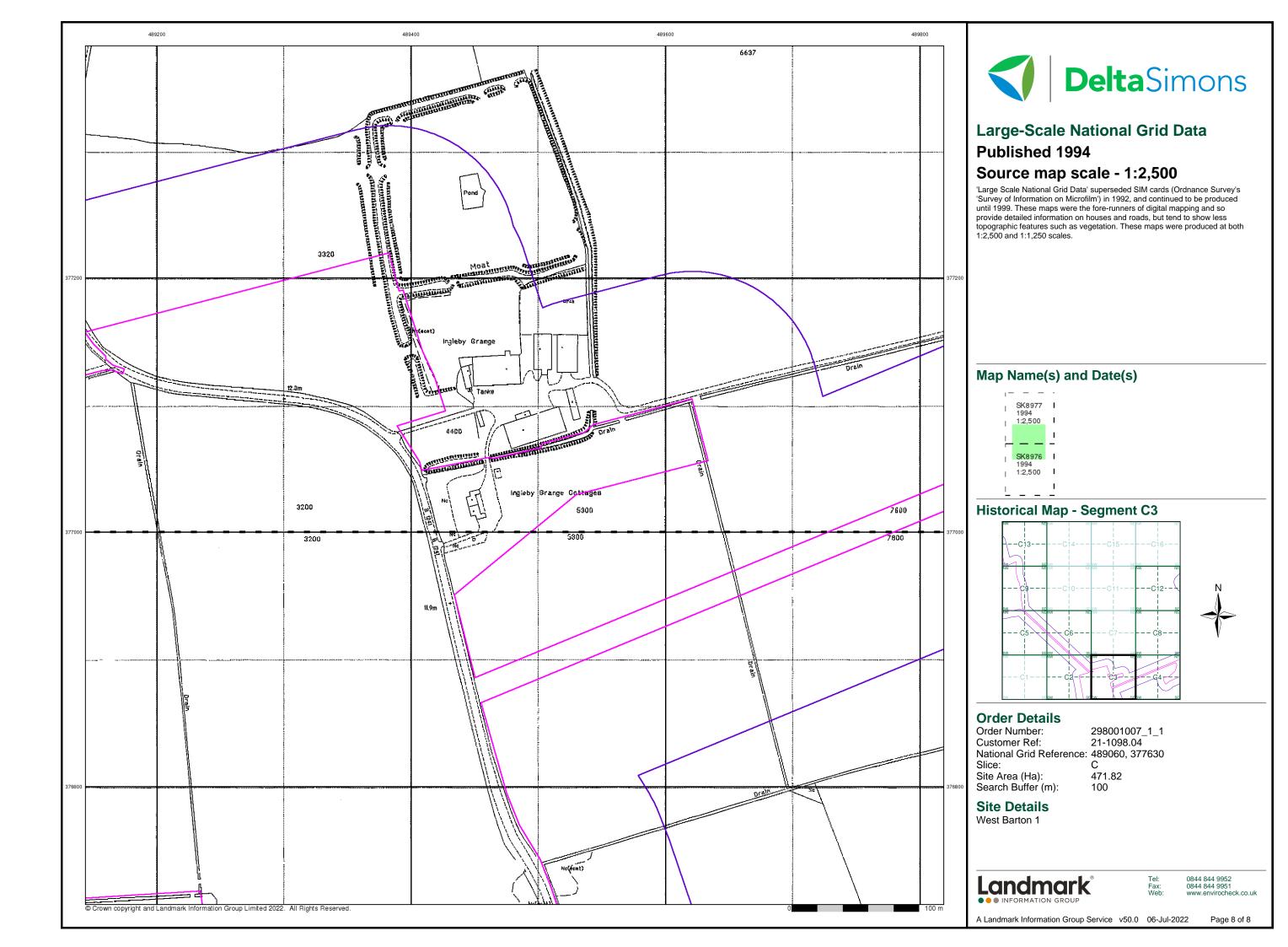




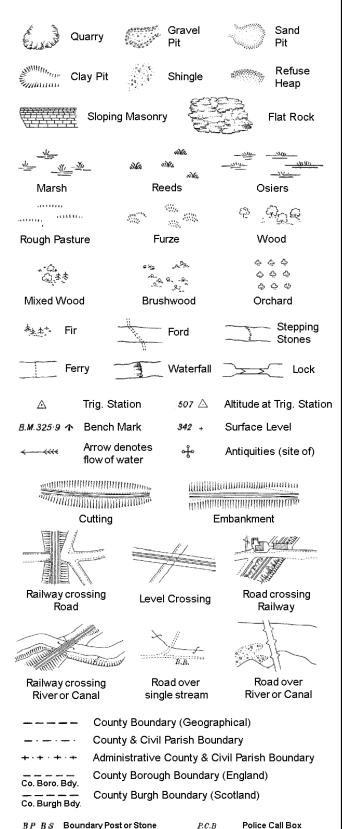








### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



Pump

Sluice

Spring

Trough Well

Signal Post

Telephone Call Box

S.P

Sl.

Tr:

B.R.

EP

F.B.

M.S

Bridle Road

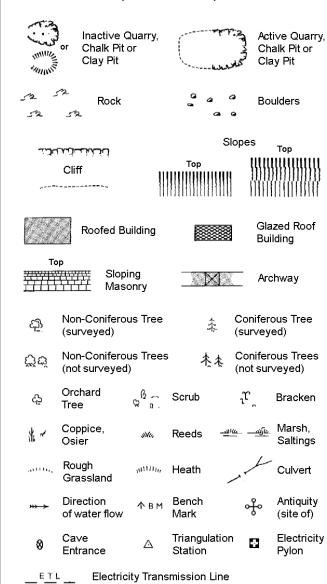
Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



	County Boundary (Geographical)
	County & Civil Parish Boundary
	Civil Parish Boundary
· <del></del> · ·	Admin. County or County Bor. Boundary
L B Bdy	London Borough Boundary
**************************************	Symbol marking point where boundary mereing changes

вн	Beer House	Р	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
EIP	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt, WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

		Sle	opes
	רייים לוצלאבטונה	Тор	Top
	Cliff		)))))))
,	[]	771111111111111111111111111111111111111	
523	Rock	7,5	Rock (scattered)
	Boulders	<i>D</i>	Boulders (scattered)
	Positioned Boulder		Scree
ফ্র	Non-Coniferous Tree (surveyed)	* *	Coniferous Tree (surveyed)
Öö	Non-Coniferous Tree (not surveyed)	es AA	Coniferous Trees (not surveyed)
දා	Orchard $Q = \widehat{Q} = $	Scrub	າ <sup>ຕ</sup> Bracken
* ~	Coppice, Mico	Reeds 🛥	u <u>டை அந்</u> Marsh, Saltings
astile,	Rough "ппп», Grassland	Heath	Culvert
<del>&gt;&gt;&gt; →</del>	Direction $\triangle$ of water flow	Triangulation Station	Antiquity (site of)
_ E_TL _	_ Electricity Transm	ission Line	Electricity Pylon
¥  BM	231.60m Bench Mari	k 🗿	Buildings with Building Seed
	Roofed Building		Glazed Roof Building
· ·	Civil paris	h/community boundary	ooundary
_ •	—— County be	oundary	
٥	Boundary	post/stone	
٥	•		ol (note: these ed pairs or groups
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC Pm	Public Convenience
Chy Cis	Chimney Cistern	Pp Ppg Sta	Pump Pumping Station
Dismtd R		PW PW	Place of Worship
El Gen S	-	g Sewage F	•
EIP	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
	ta Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn	. Tk	Tank or Track

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

Tr

Wd Pp

Wks

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

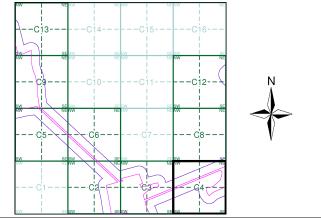
Works (building or area)



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1972 - 1975	5
Additional SIMs	1:2,500	1986 - 1993	6
Additional SIMs	1:2,500	1993	7
Large-Scale National Grid Data	1:2,500	1994	8

### **Historical Map - Segment C4**



#### **Order Details**

Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 489060, 377630

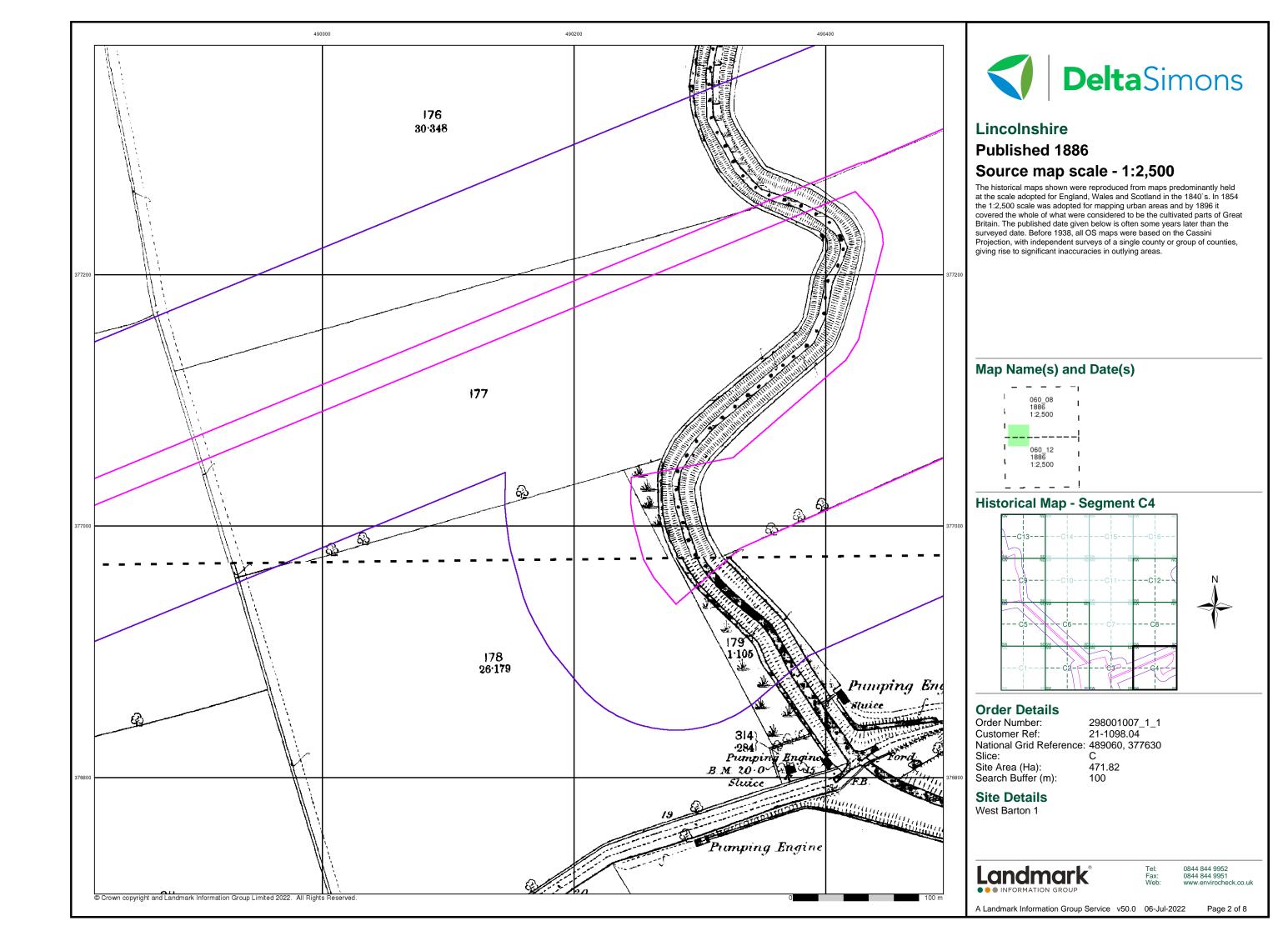
Slice:

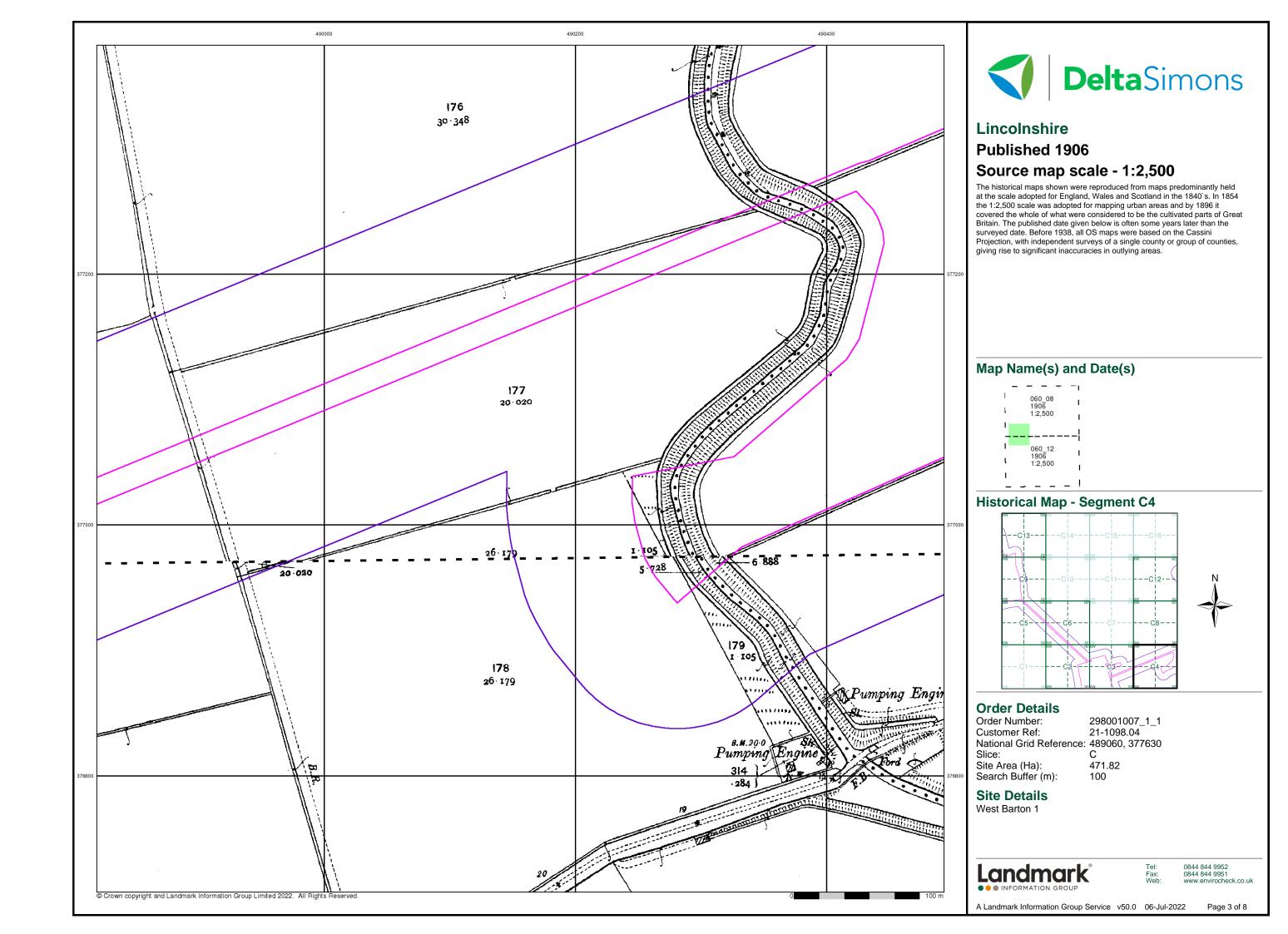
471.82 Site Area (Ha): Search Buffer (m): 100

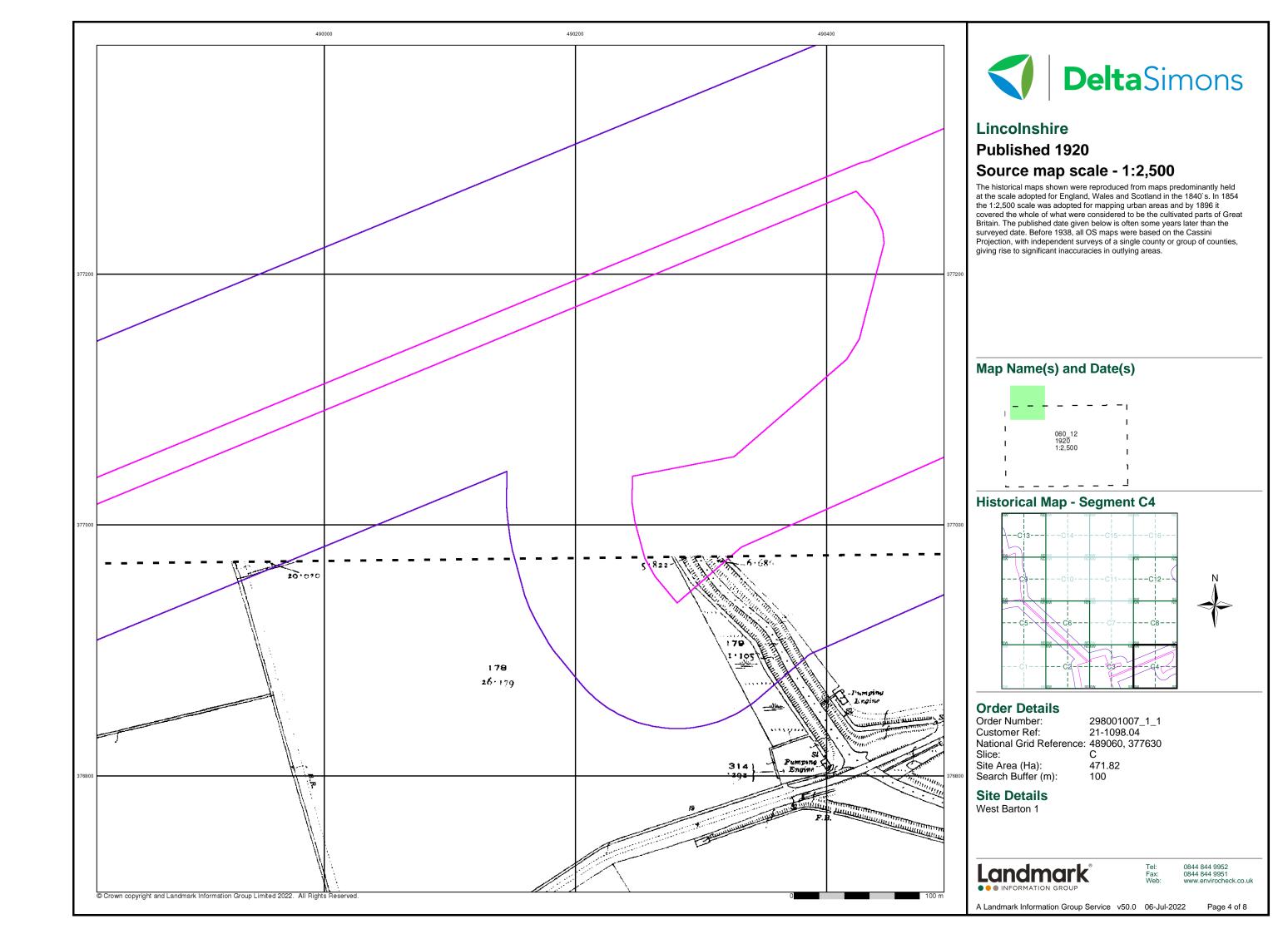
#### **Site Details** West Barton 1

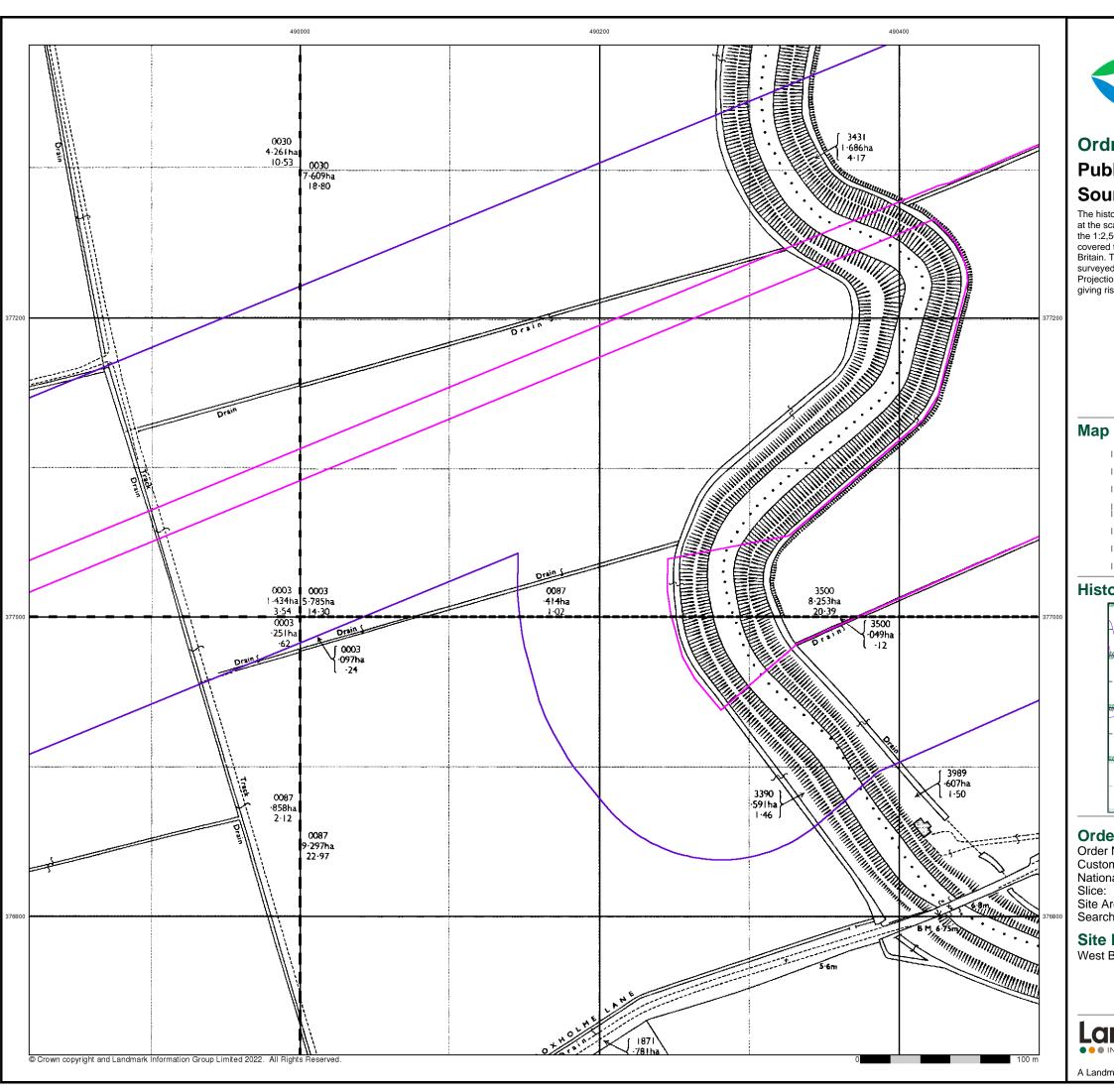
\_andmark

0844 844 9952 0844 844 9951







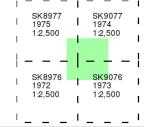




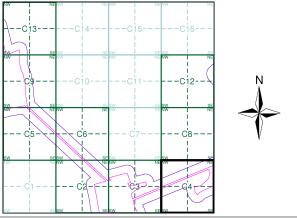
### **Ordnance Survey Plan Published 1972 - 1975** Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

### Map Name(s) and Date(s)



### **Historical Map - Segment C4**



### **Order Details**

Order Number: 298001007\_1\_1 Customer Ref: 21-1098.04 National Grid Reference: 489060, 377630 С

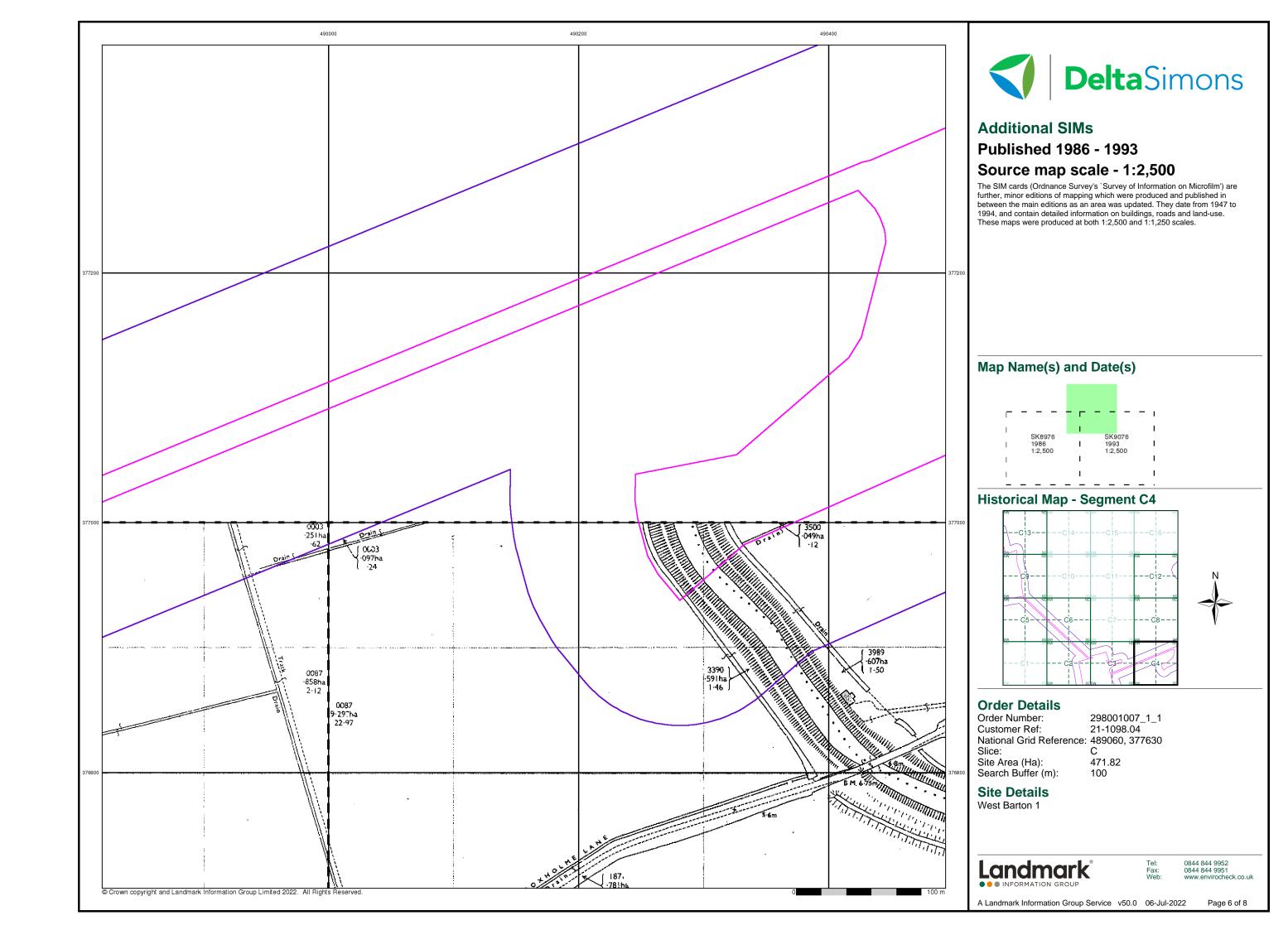
Site Area (Ha): Search Buffer (m): 471.82

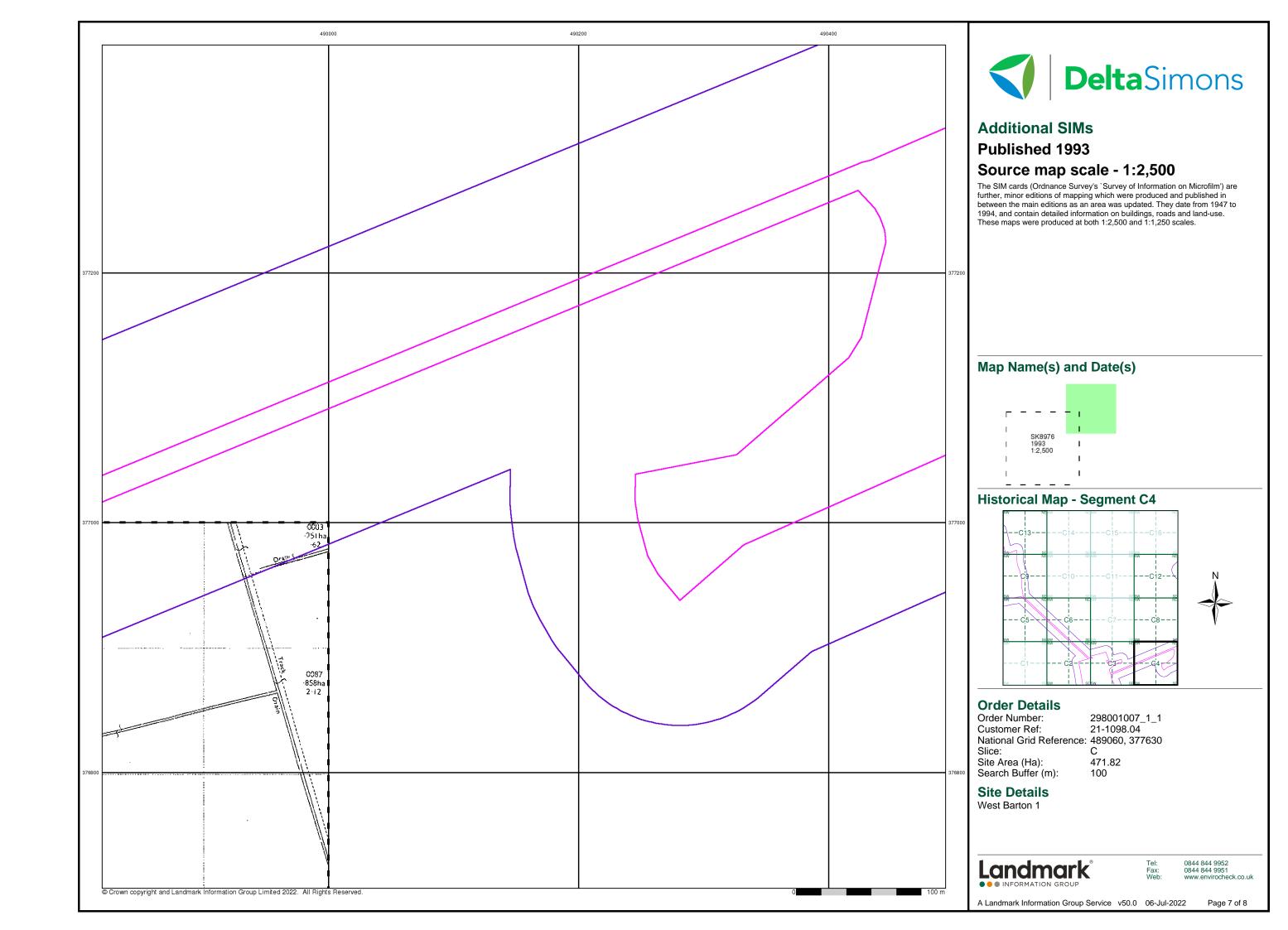
### **Site Details**

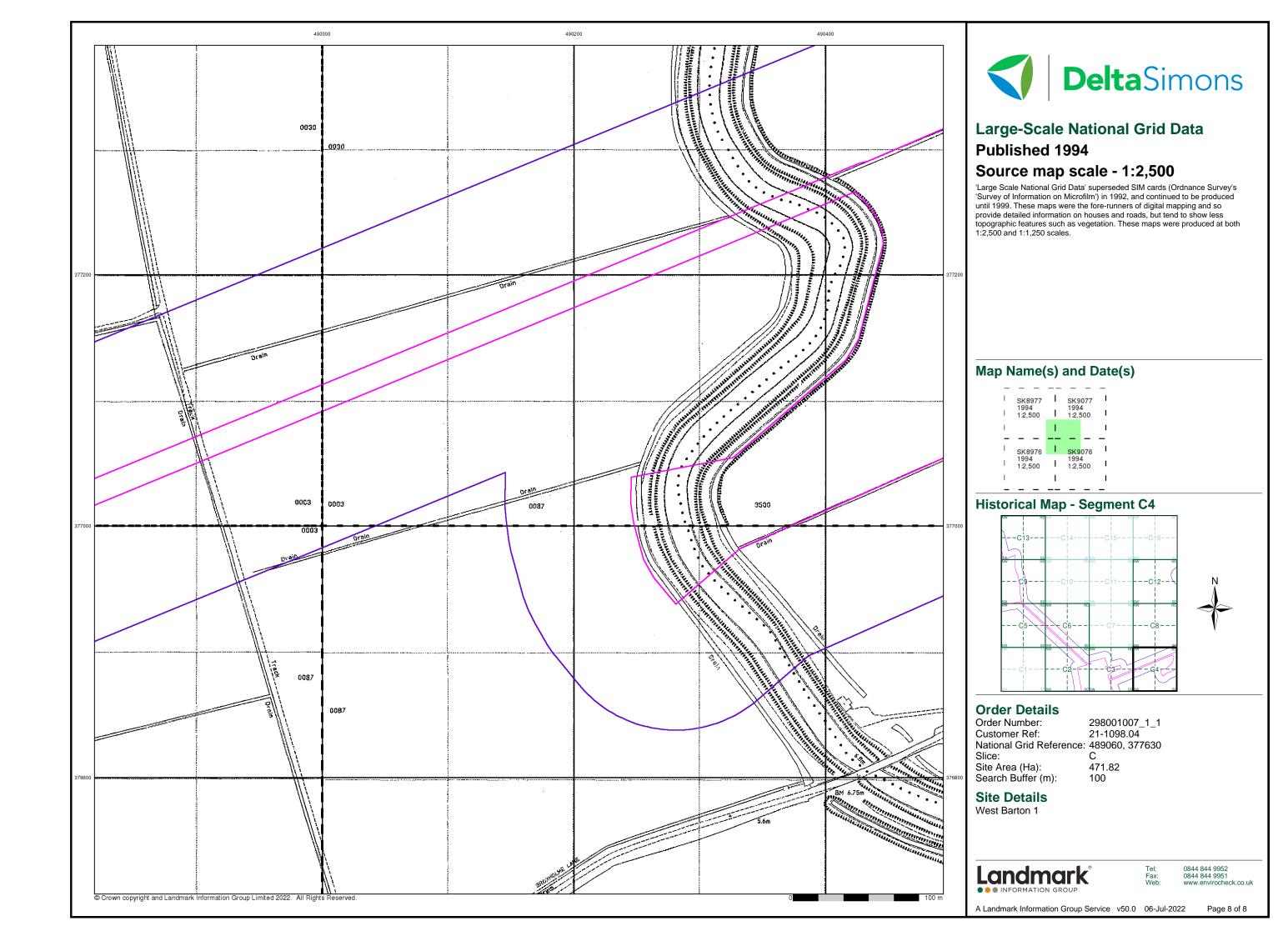
West Barton 1

Landmark

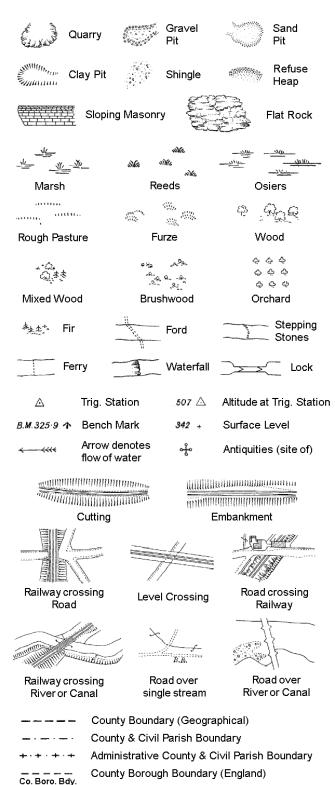
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### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



County Burgh Boundary (Scotland)

S.P

Sl.

Tr:

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

Well

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

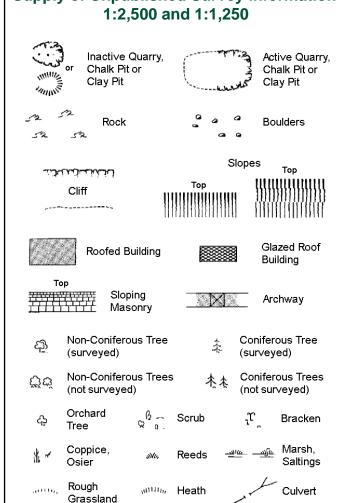
B.R.

EP

F.B.

M.S

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 



Direction Bench Antiquity of water flow (site of) Electricity Cave Triangulation Ŧ.

ETL Elec	tricity Transmission Line
	County Boundary (Geographical)
	County & Civil Parish Boundary
	Ci∨il Parish Boundary
· <del></del> · <del></del> ·	Admin. County or County Bor. Boundary
-e LBBay	London Borough Boundary
	Symbol marking point where boundary mereing changes

вн	Beer House	Р	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
EIP	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

1:1,250

المنظمان المناطقة المنظمان المناطقة			Slopes Top			
			Тор	1111111	LLLI111111	
_	Cliff	111111	11111111111111	]]]]]]]	!!!!!!!!	
			111111111111111111111111111111111111111	111111111	11111111	
523	Rock		52	Rock (sc	attered)	
$\triangle_{a}$	Boulders		ا ہ	Boulders	(scattered)	
$\triangle$	Positioned Box	ılder		Scree		
<u>දව</u>	Non-Coniferou (surveyed)	is Tree	-1-	Conifero (surveye		
ర్జోట్	Non-Coniferou (not surveyed)		A A	Conifero (not surv	us Trees eyed)	
ද	Orchard Tree	çå⊊ So	crub	$^{\imath}\! \Upsilon_{\widehat{}}$	Bracken	
∦ ~	Coppice, Osier	ava Re	eeds	<u> — அம்</u>	Marsh, Saltings	
artitie,	Rough Grassland	<sub>n</sub> mm, H	eath	1	Culvert	
* <del>** &gt;</del>	Direction of water flow		iangulation ation	ઌ૾ૺ	Antiquity (site of)	
E_TL	_ Electricity T	ransmissio	on Line	$\boxtimes$	Electricity Pylon	
\ <b>€</b> \	1 231.60m Bend	h Mark		Building Building	s with Seed	
	Roofed B	uilding		3	zed Roof ilding	
	Civ	il narish/co	ommunity bo	undary		
		trict bound		orium y		
		unty bound	-			
	_	undary pos				
,			reing symbo	d (note: t	haca	
Å	alw alw	-	rin oppose	,		
Bks	Barracks		Р	Pillar, Pole	e or Post	
Bty	Battery		PO	Post Offic		
Cemy	Cemetery		PC _		nvenience	
Chy	Chimney		Pp	Pump	Statia m	
Cis Dismtd F	Cistern Rly Dismantled I	Paihway	Ppg Sta PW	Pumping Place of W		
Dismtd F El Gen S	•	•	Sewage Pp		wage	
	Station	_		_	mping Station	
EIP	Electricity Pole		SB, S Br	Signal Bo	x or Bridge	
El Sub S	ta Electricity Sub	Station	SP, SL	Signal Po	st or Light	
FB	Filter Bed		Spr	Spring		
Fn/DFr		_	Tk —	Tank or Tr	rack	
Gas Gov	Gae Valve Com	naund	Tr	Trough		

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

Trough

Wind Pump Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Wd Pp

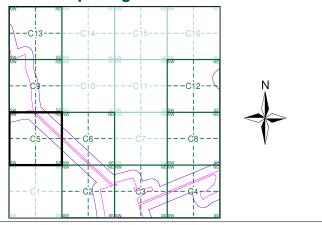
Wks



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5

### **Historical Map - Segment C5**



#### **Order Details**

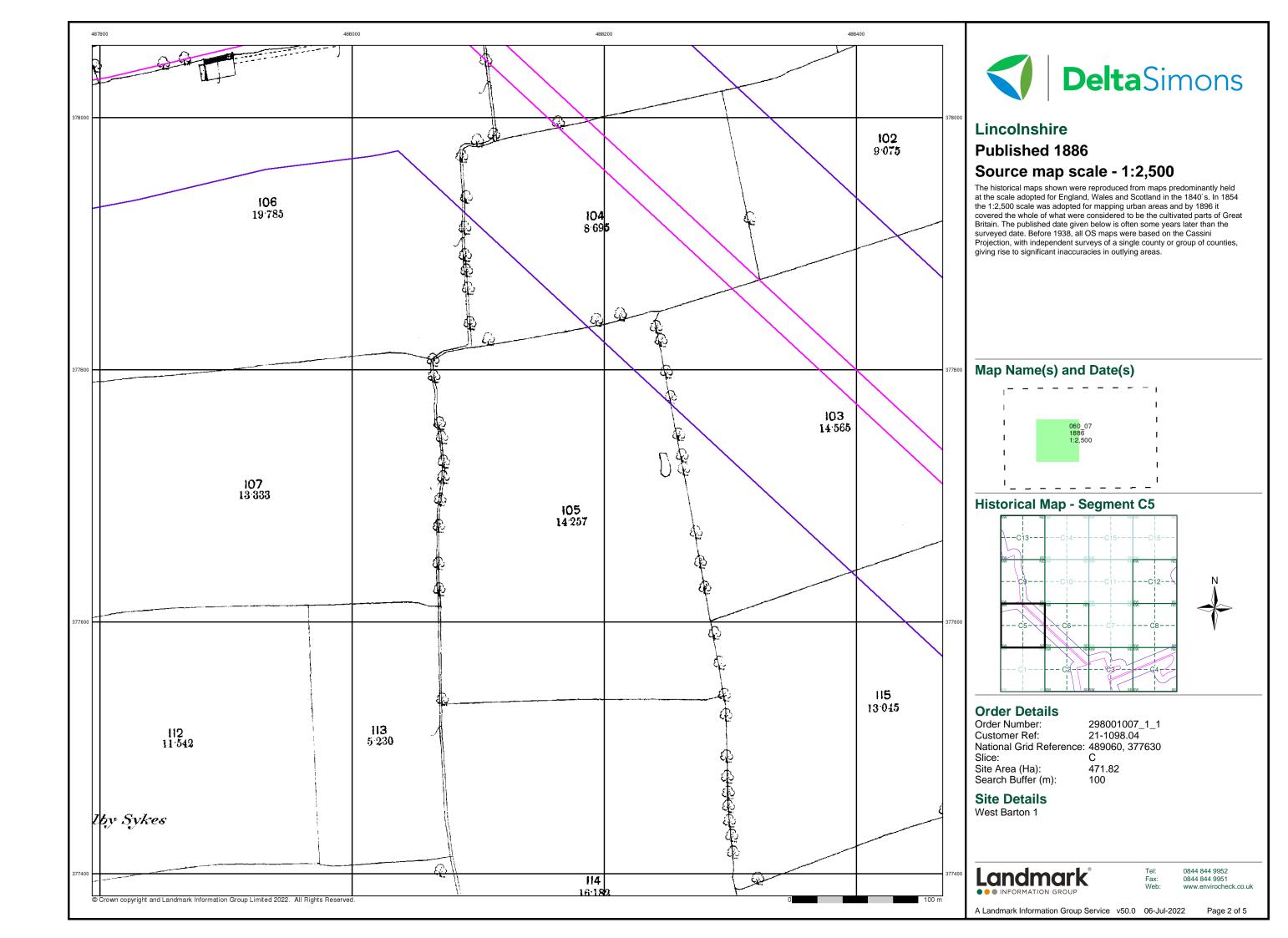
Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 489060, 377630 Slice:

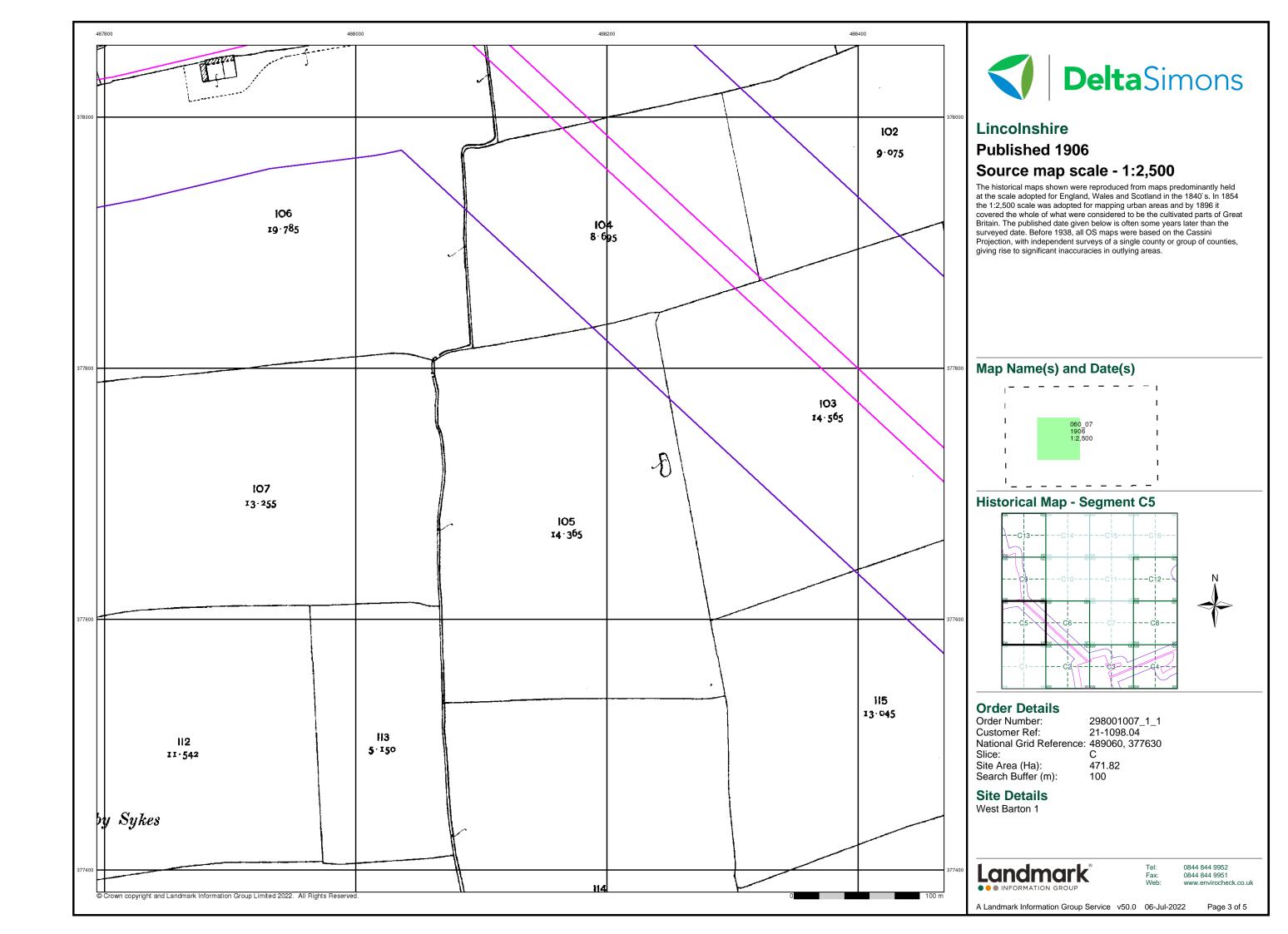
471.82 Site Area (Ha): Search Buffer (m): 100

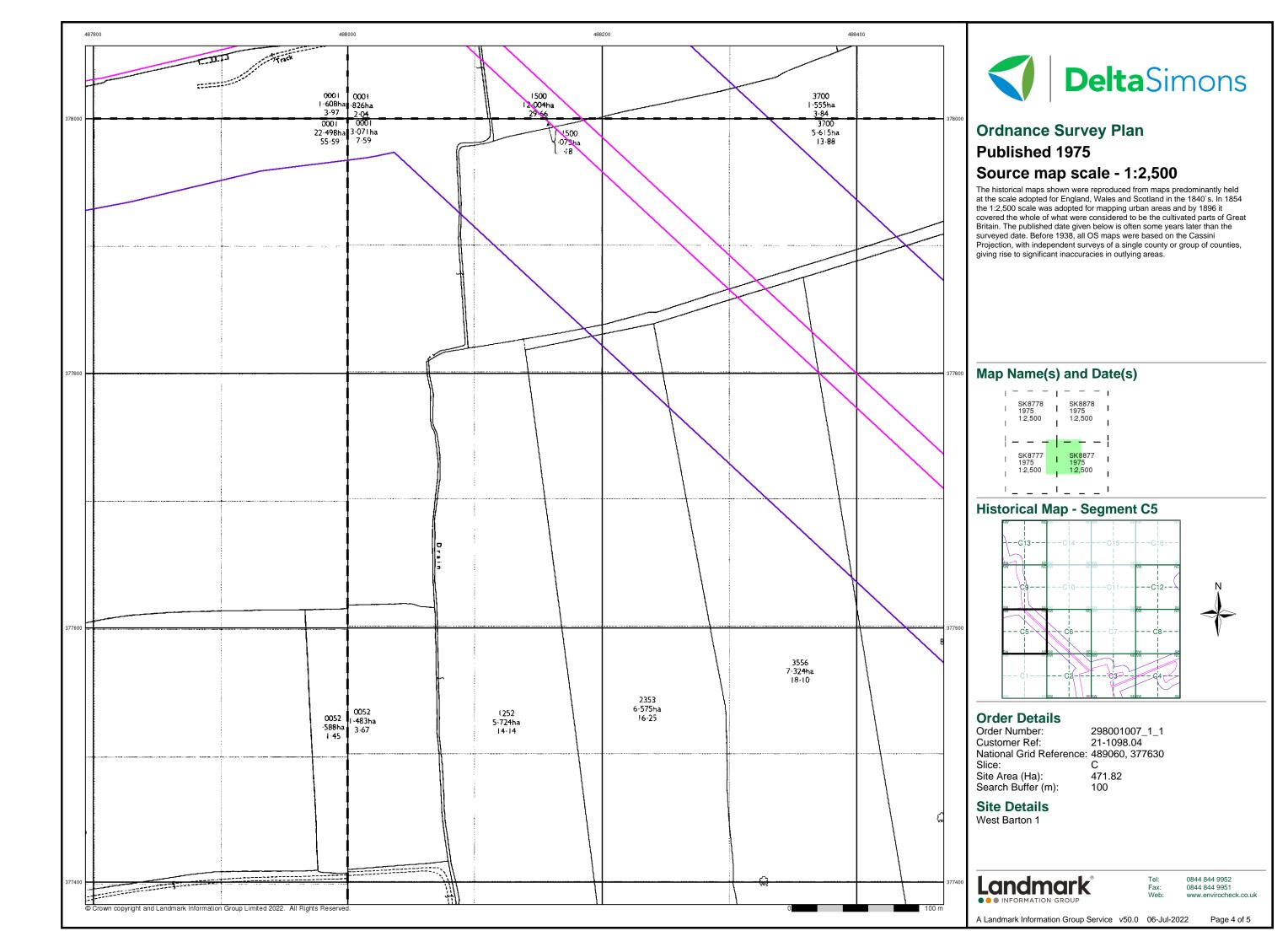
#### **Site Details** West Barton 1

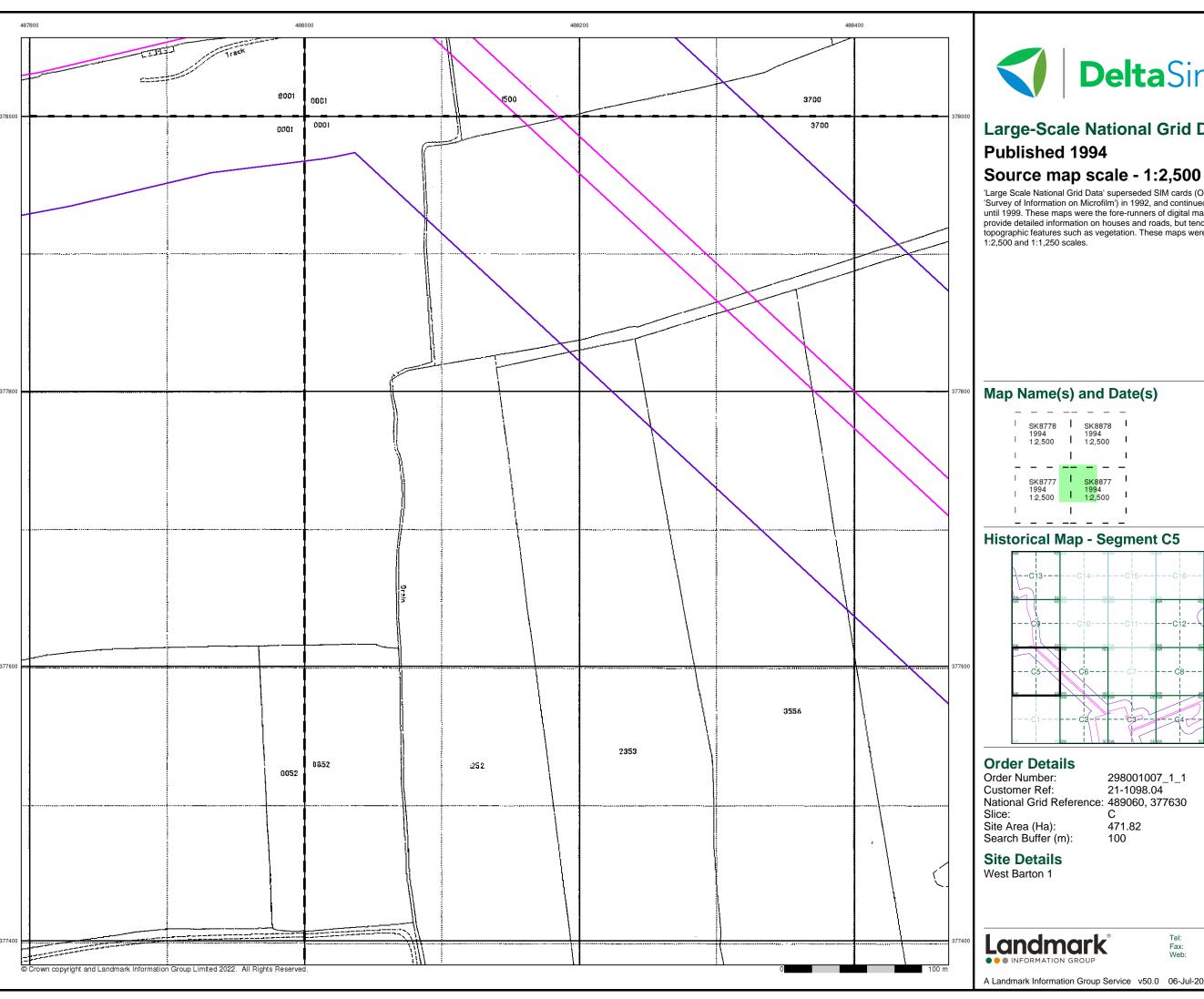
Landmark

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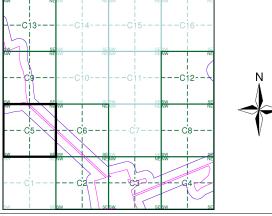
# **Large-Scale National Grid Data**

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

### Map Name(s) and Date(s)

 	SK8778 1994 1:2,500	 	SK8 199 1:2,		1
-			-	_	_
I	SK8777	-1		877	ı
1	1994 1:2,500	-1	199 1:2,		ı
1		- 1			ı

### **Historical Map - Segment C5**



298001007\_1\_1 21-1098.04 National Grid Reference: 489060, 377630

471.82

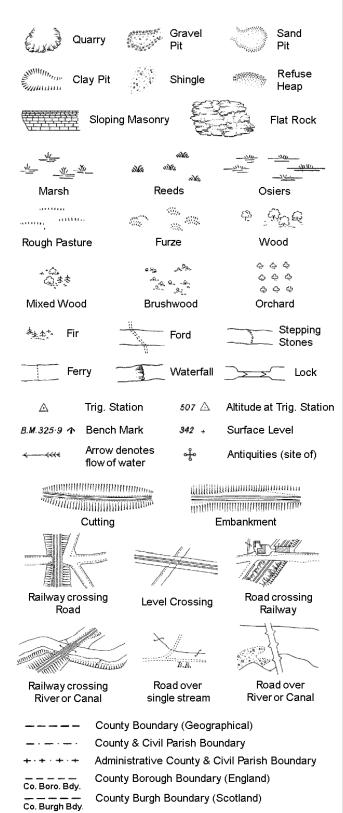


0844 844 9952

Page 5 of 5

A Landmark Information Group Service v50.0 06-Jul-2022

### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

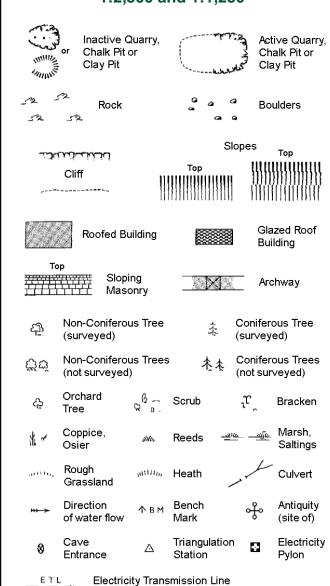
Trough Well

S.P

Sl.

Tr:

### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



	County Boundary (Geographical)
· — · — ·	County & Civil Parish Boundary
	Civil Parish Boundary
· <del></del> · ·	Admin. County or County Bor. Bounda
L B Bdy	London Borough Boundary

Symbol marking point where boundary mereing changes

вн	Beer House	Р	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
EIP	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well

# 1:1,250

لكنابياتيات			Sle	opes	Тор
			Тор	111111	1111111111111
	Cliff	1111	HANDINA		))))))))))
,-====				111111	111111111111111111111111111111111111111
523	Rock		52	Rock (s	scattered)
$\triangle_{a}$	Boulders		0	Boulder	rs (scattered)
$\triangle$	Positioned	Boulder		Scree	
<u>දක</u>	Non-Conif	erous Tree )	*	Conifer (surve)	rous Tree /ed)
ජ්ජ	Non-Conife (not surve	erous Trees yed)	* **		rous Trees rveyed)
දා	Orchard Tree	Q 6 a .	Scrub	'n,	Bracken
* ~	Coppice, Osier	aVec	Reeds 🛥	166 — <u>17</u> 76	Marsh, Saltings
, settler,	Rough Grassland	mun,	Heath	1	Culvert
<del>*** &gt;</del>	Direction of water flo	Δ	Triangulation Station	, of	Antiquity (site of)
E_TL	_ Electric	ity Transmis	ssion Line	$\boxtimes$	Electricity Pylon
/ <del>/</del> / ВМ	231.60m E	Bench Mark			ngs with ng Seed
	Roofe	ed Building		259	Blazed Roof Building
		Civil parish	/community b	oundary	ı
		District box	=		•
		County box	-		
	,	Boundary		ol (noto	· those
غر			mereing symb pear in oppos		
Bks	Barracks		Р	Pillar, P	ole or Post
Bty	Battery		PO	Post Of	fice
Cemy	Cemetery		PC		Convenience
Chy	Chimney		Pp Pna Sta	Pump	a Station
Cis Dismtd F	Cistern Rlv Disman	tled Railway	Ppg Sta PW	•	ig Station fWorship
El Gen S	ta Electric	ity Generating		pg Sta S	Sewage
EIP	Station Electricity	Pole, Pillar	SB, S Br		Pumping Station Box or Bridge
	ta Electricity		SP, SL	_	Post or Light
FB	Filter Bed	2	Spr	Spring	. Joe of Light
Fn/DFr		Drinking Ftn.	Tk	Tank or	·Track
00			T	Tuester	

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

GVC

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Wd Pp

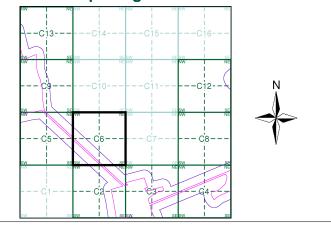
Wks



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5

### **Historical Map - Segment C6**



#### **Order Details**

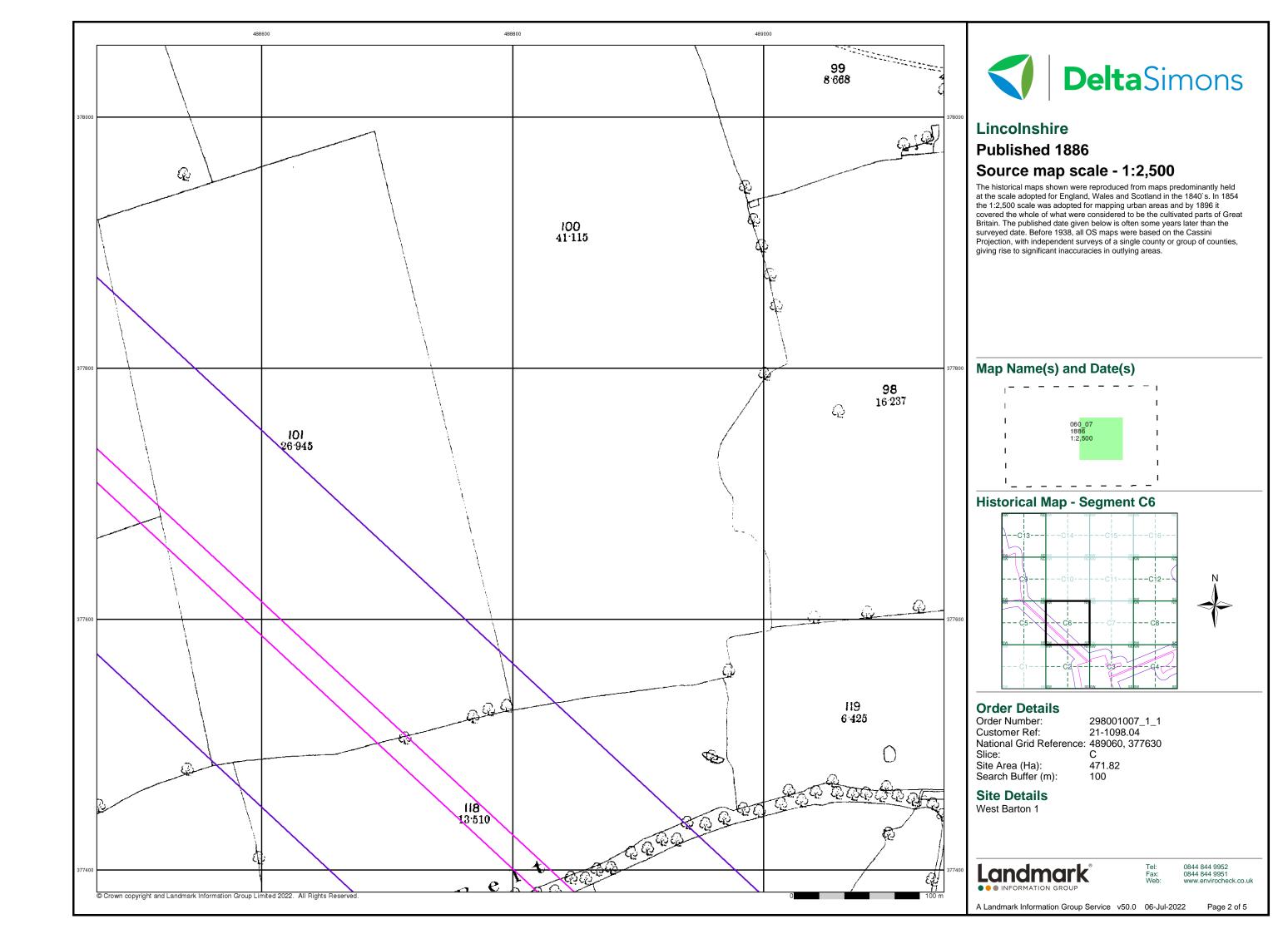
Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 489060, 377630 Slice:

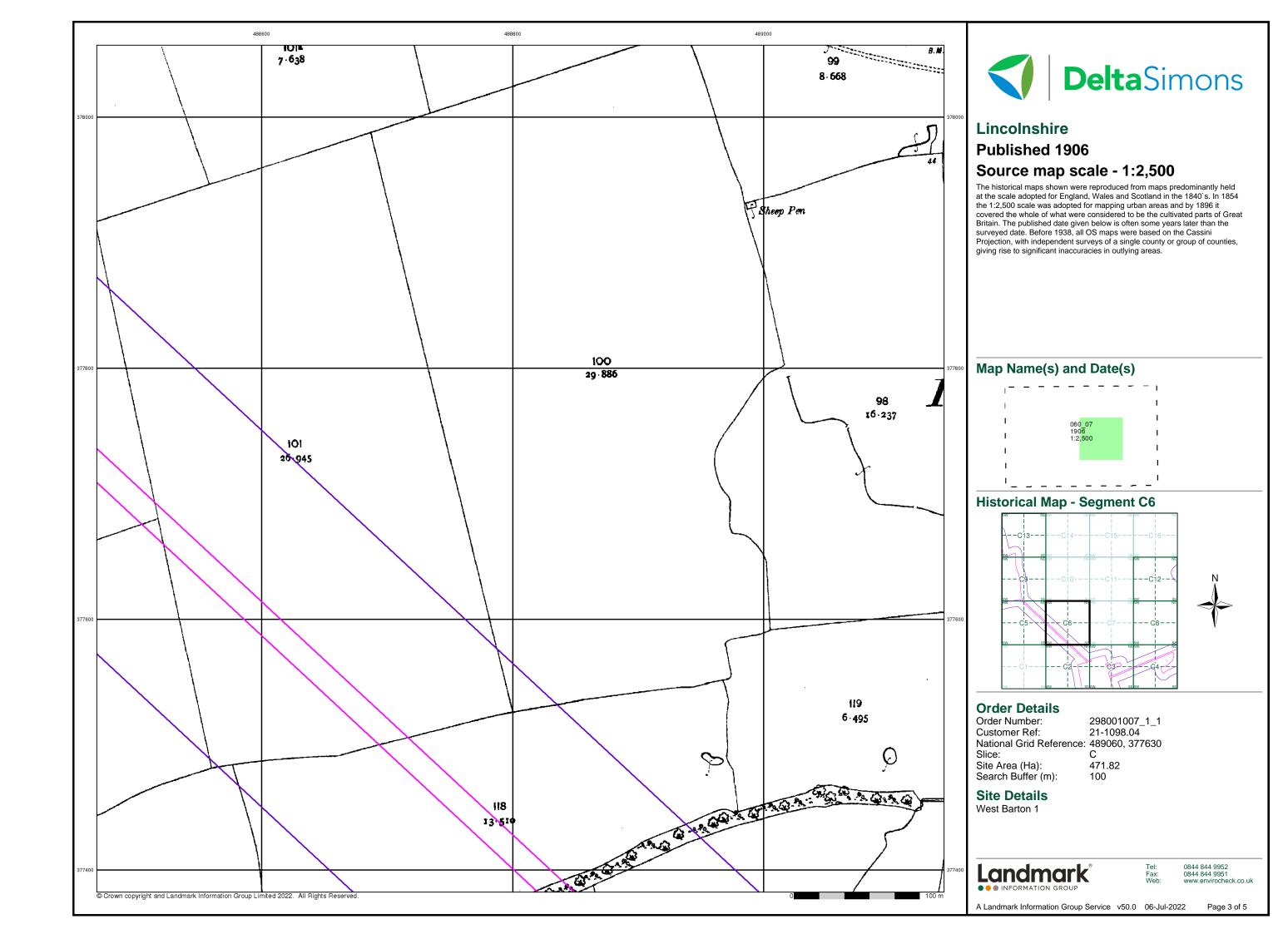
471.82 Site Area (Ha): Search Buffer (m): 100

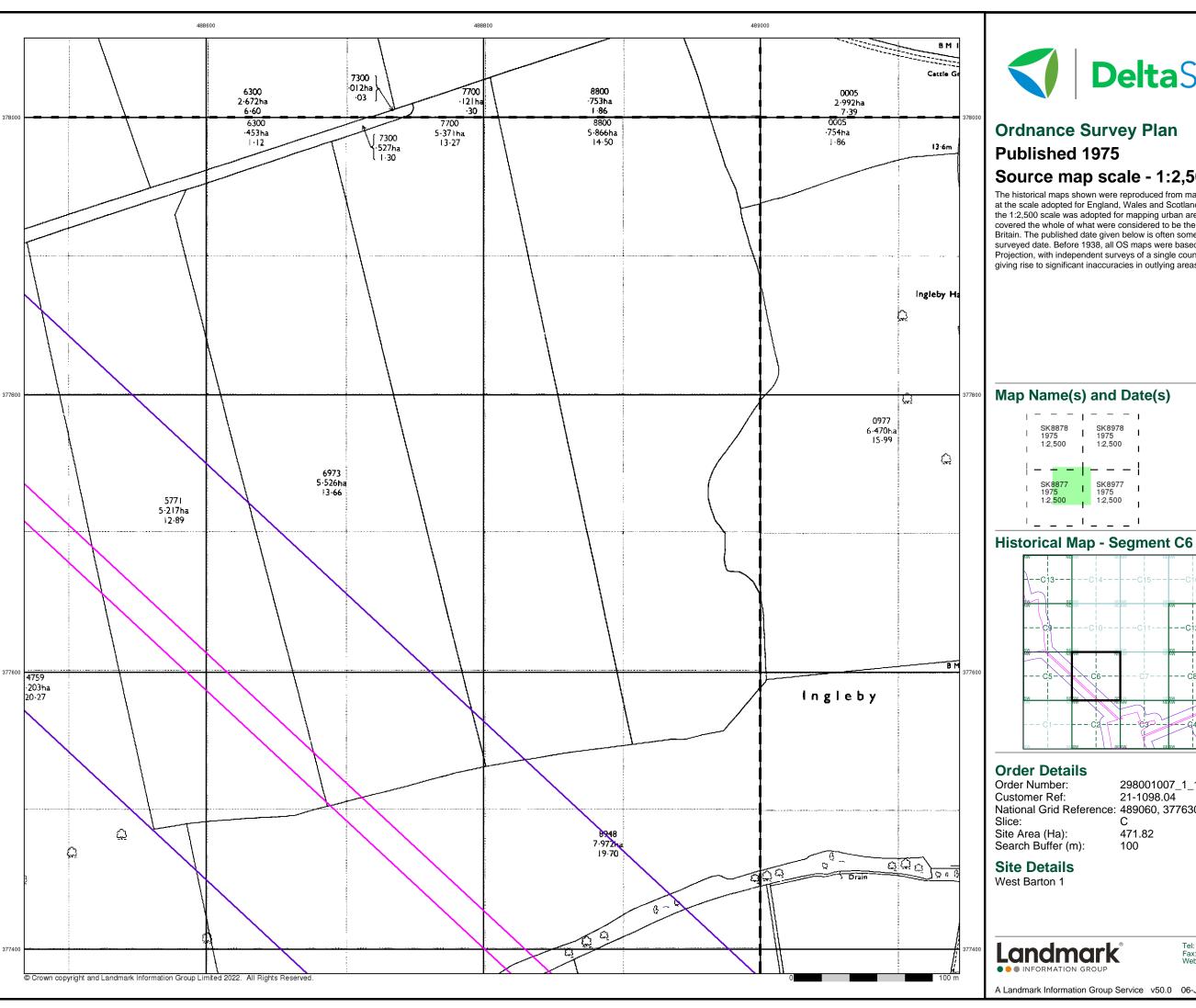
#### **Site Details** West Barton 1

Landmark

0844 844 9952 0844 844 9951







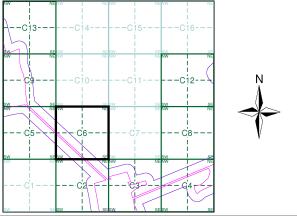


# **Ordnance Survey Plan** Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

### Map Name(s) and Date(s)

	1 1
SK8878 1975	SK8978 I 1975 I
1:2,500	I 1:2,500 I
	<u> </u>
SK8877 1975	I SK8977 I
1:2,500	1:2,500 I
ı	11

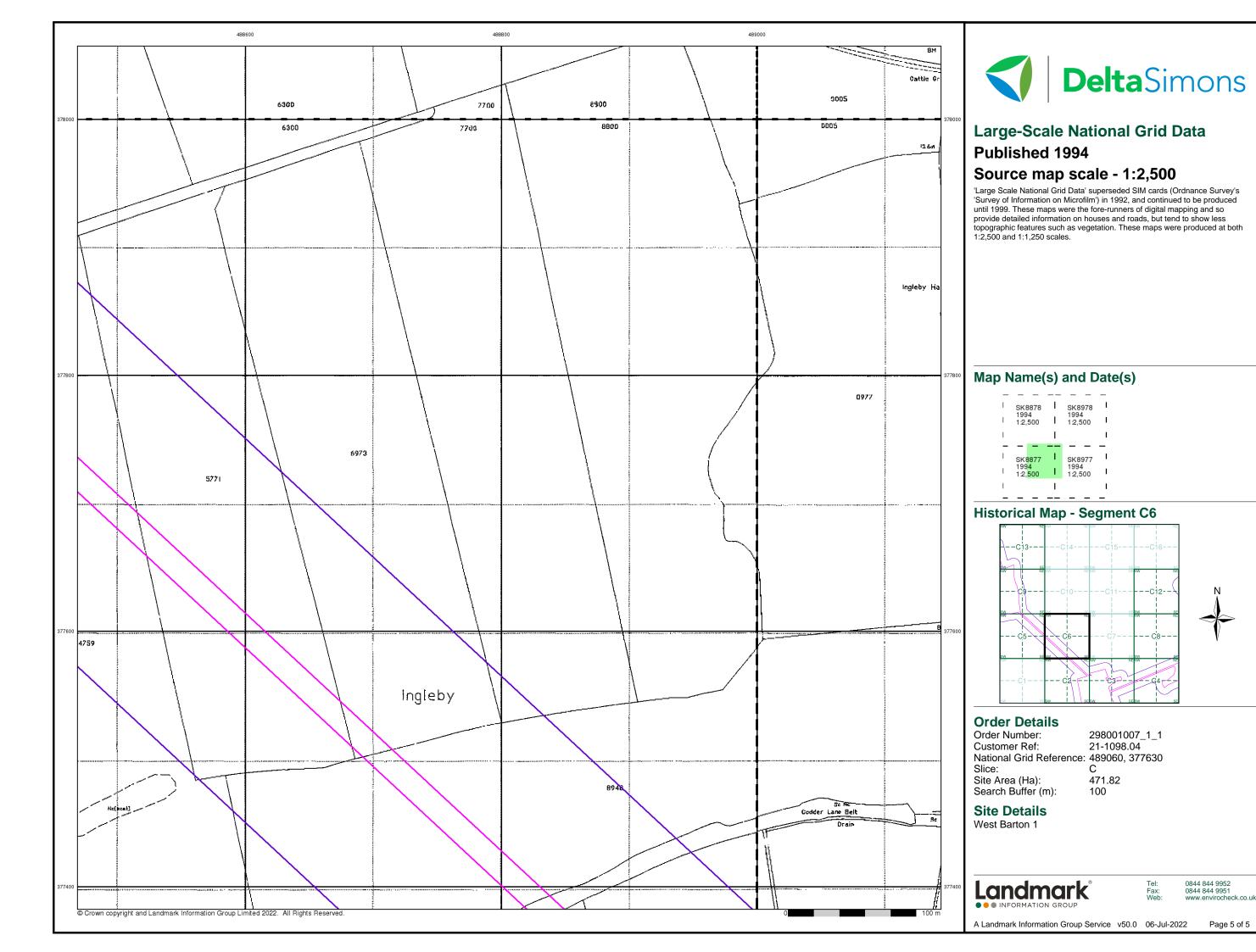


298001007\_1\_1 21-1098.04 National Grid Reference: 489060, 377630 С

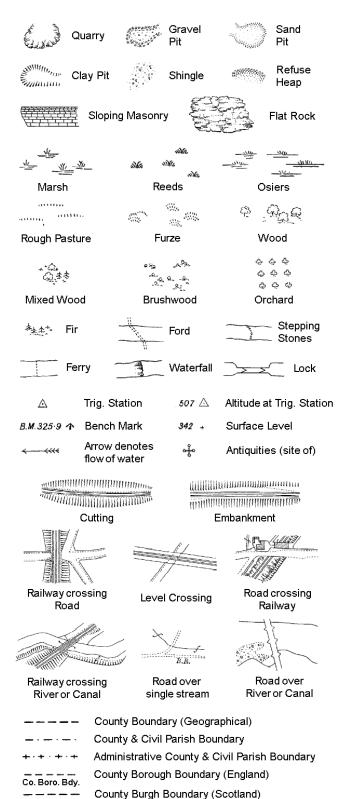
471.82 100



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### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

Well

S.P

Sl.

Tr:

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

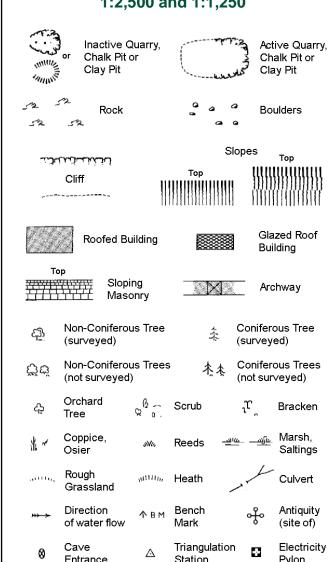
B.R.

E.P

F.B.

M.S

### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



### **Electricity Transmission Line**

	County Boundary (Geographical)
. — . — .	County & Civil Parish Boundary
	Civil Parish Boundary
· <del></del> · ·	Admin. County or County Bor. Boundary
L B Bdy	London Borough Boundary
	Symbol marking point where boundary mereing changes

ВН	Beer House	Р	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
EIP	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

### 1:1,250

			Sle	opes	Ton
	רייי - טיבאונדטיניגעיוניג		Тор	1111111	Top 
	Cliff	1111			MMM)
,				1111111	[1][1][1]
523	Rock		2,3	Rock (so	cattered)
$\triangle$	Boulders		₽	Boulders	s (scattered)
	Positioned	Boulder		Scree	
ফ্র	Non-Conif	erous Tree )	\$	Conifero	ous Tree ed)
ζţά	Non-Conife (not surve	erous Trees yed)	* **	Conifero (not sur	ous Trees /eyed)
දා	Orchard Tree	Q (a).	Scrub	<sup>1</sup> L	Bracken
* ~	Coppice, Osier	siVe.	Reeds 🛥	100 — <u>M</u> [0	Marsh, Saltings
wille,	Rough Grassland	<i>1</i> 11111111111111111111111111111111111	Heath	1	Culvert
<del>*** &gt;</del>	Direction of water flo	Δ	Triangulation Station	, &	Antiquity (site of)
E_TL	_ Electric	ity Transmis	ssion Line	$\boxtimes$	Electricity Pylon
/ <del>/</del> / вм	231.60m E	Bench Mark		Building Building	
	Roofe	ed Building		251	azed Roof uilding
		Civil parish	/community b	oundary	
		District box	undarv		
_ •		County box	•		
٥		Boundary			
,		Boundary	mereing symb pear in oppose		
Bks	Barracks		P	Pillar Po	le or Post
Btv	Battery		PO	Post Offi	
Cemy	Cemetery		PC		onvenience
Chy	Chimney		Pp	Pump	
Cis	Cistern		Ppg Sta	Pumping	Station
Dismtd R	Rly Disman	tled Railway	PW	Place of	Worship
El Gen S	ta Electric Station	ity Generating	Sewage F		ewage umping Station
EIP		Pole, Pillar	SB, S Br		ox or Bridge
	ta Electricity		SP, SL	_	ost or Light
FB	Filter Bed		Spr	Spring	
En (D En		Drinking Etn	Th	Topk or 1	Fun als

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

Gas Valve Compound

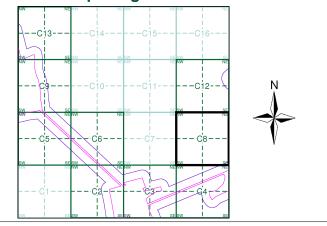
Mile Post or Mile Stone



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1974 - 1975	4
Large-Scale National Grid Data	1:2,500	1994	5

### **Historical Map - Segment C8**



#### **Order Details**

Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 489060, 377630 Slice:

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

Wd Pp

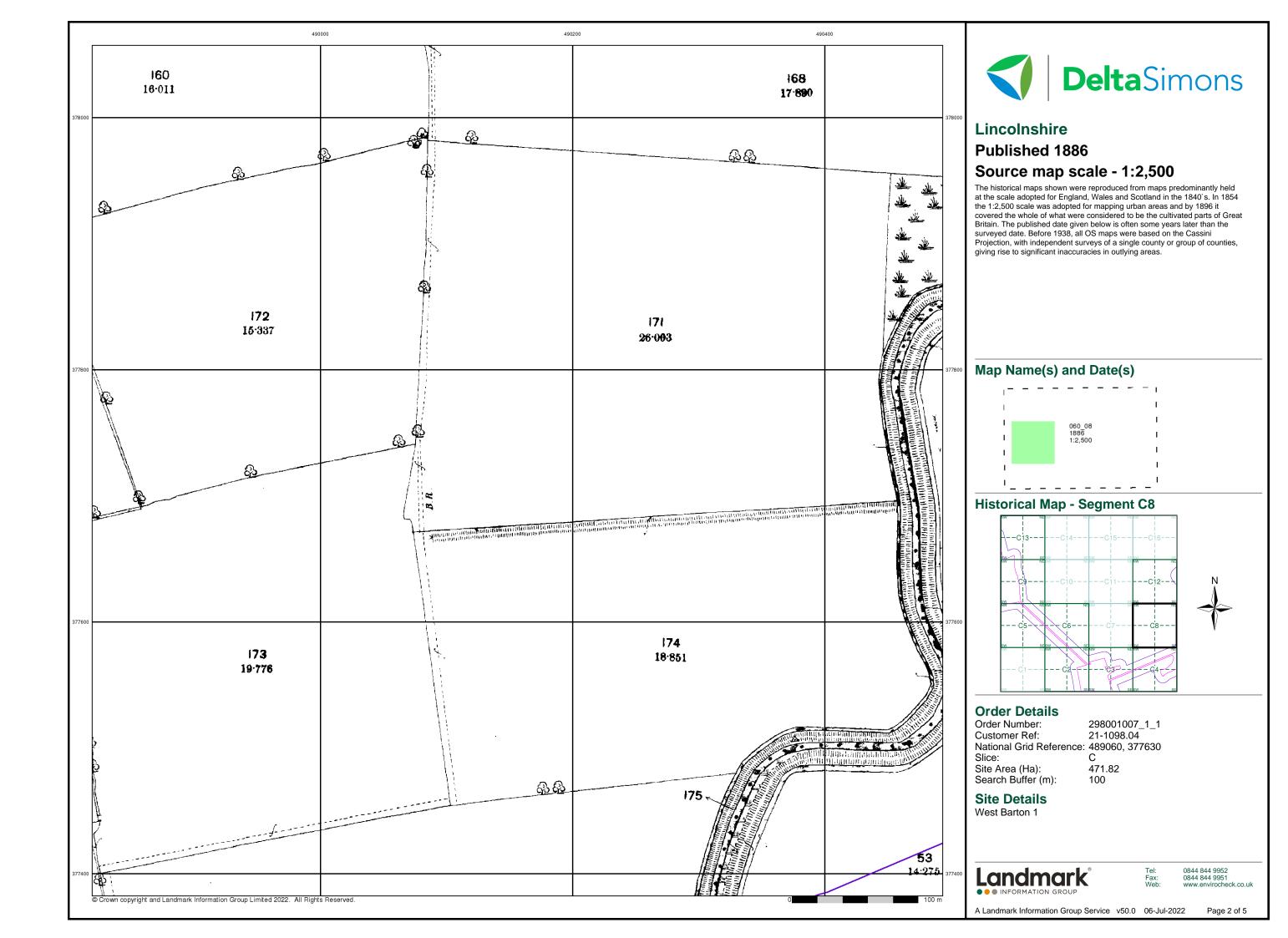
Wks

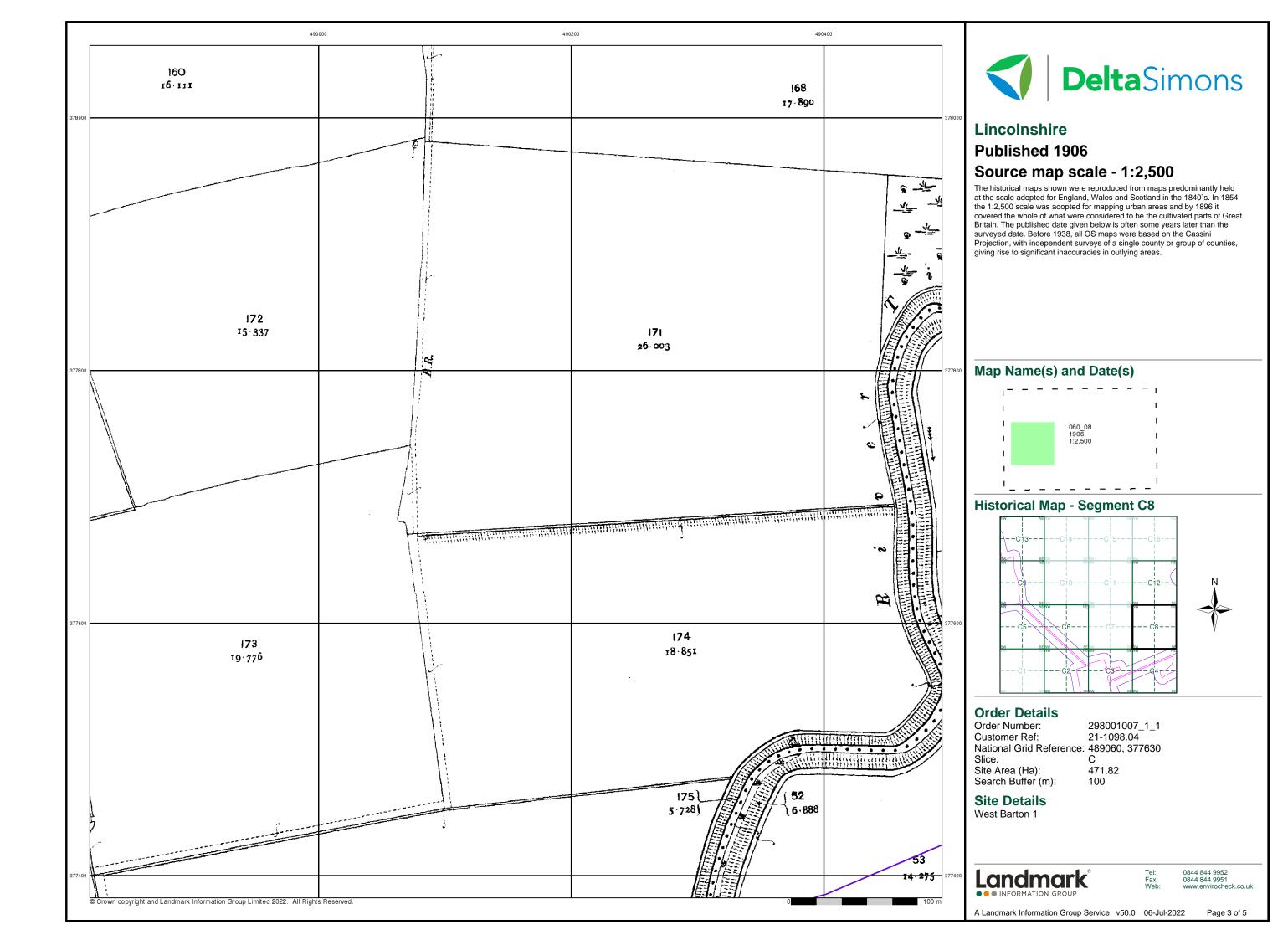
471.82 Site Area (Ha): Search Buffer (m): 100

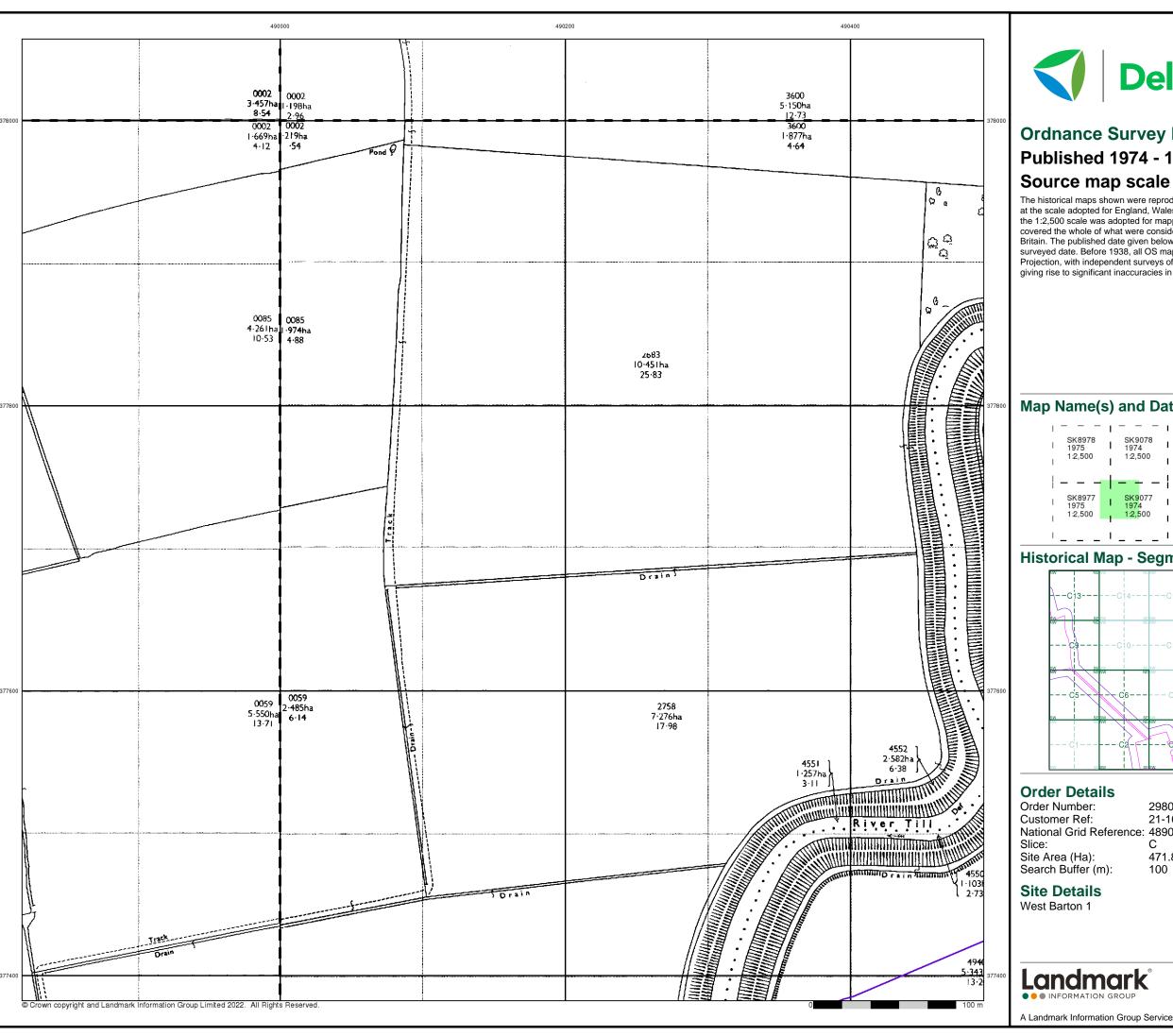
#### **Site Details** West Barton 1

\_andmark

0844 844 9952 0844 844 9951





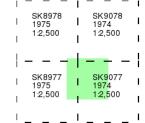




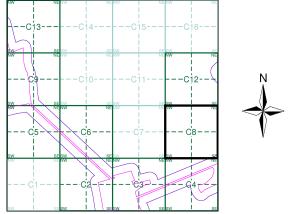
### **Ordnance Survey Plan Published 1974 - 1975** Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

### Map Name(s) and Date(s)



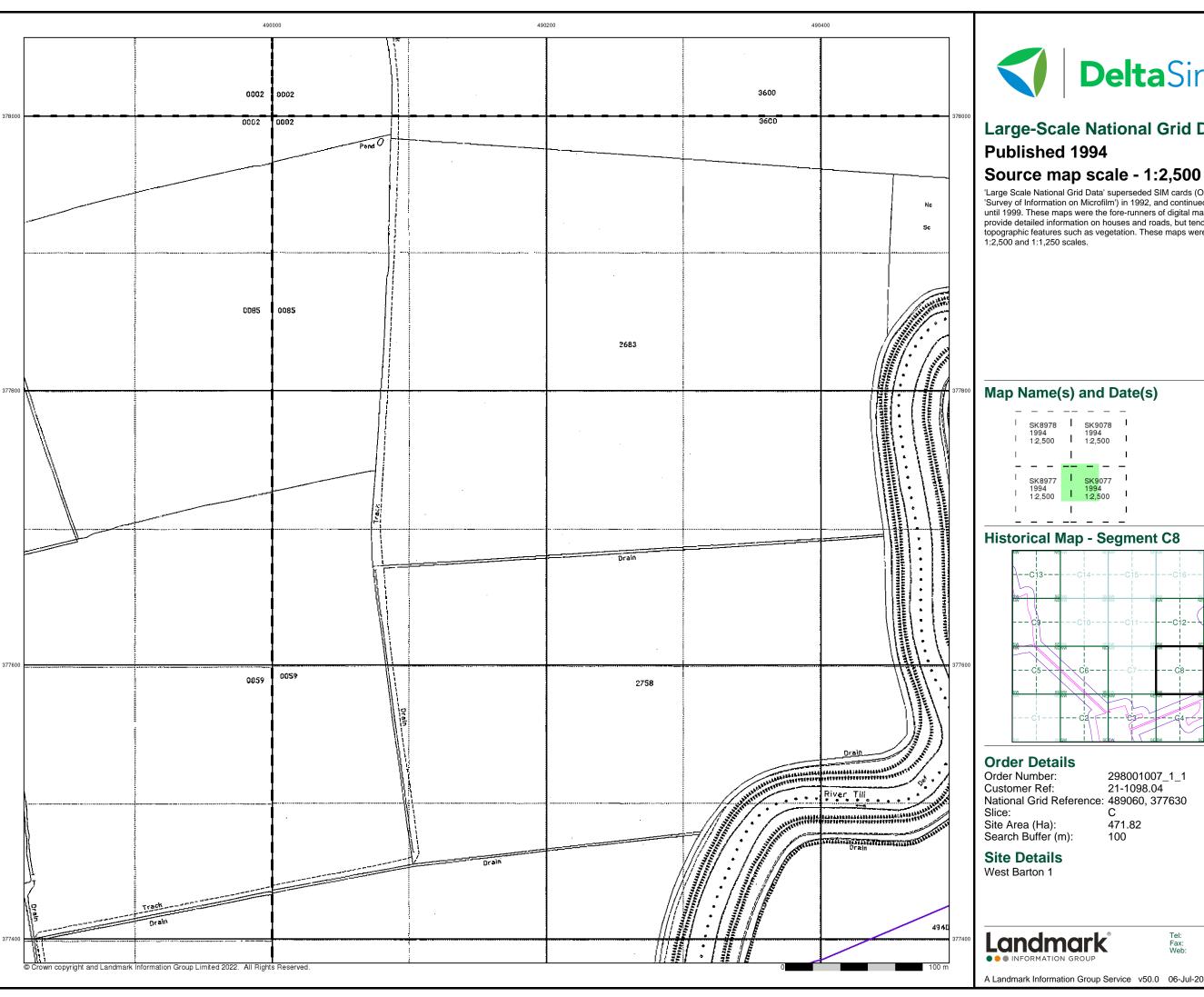
### **Historical Map - Segment C8**



298001007\_1\_1 21-1098.04 National Grid Reference: 489060, 377630

> 471.82 100

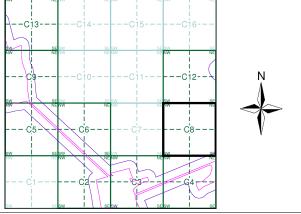
> > 0844 844 9951 www.envirocheck.co.uk





# **Large-Scale National Grid Data**

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

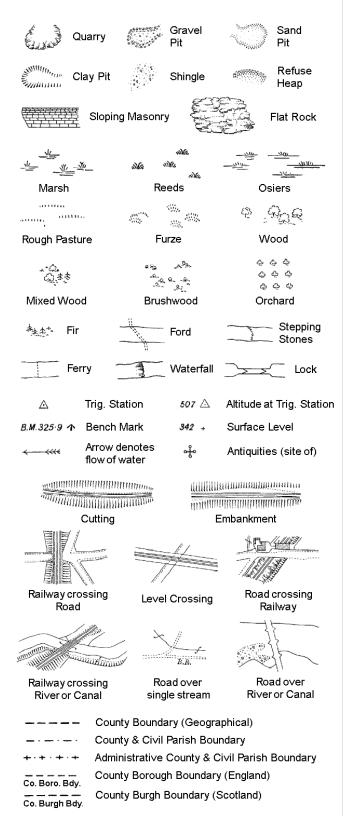


298001007\_1\_1 21-1098.04 National Grid Reference: 489060, 377630

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A Landmark Information Group Service v50.0 06-Jul-2022

### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

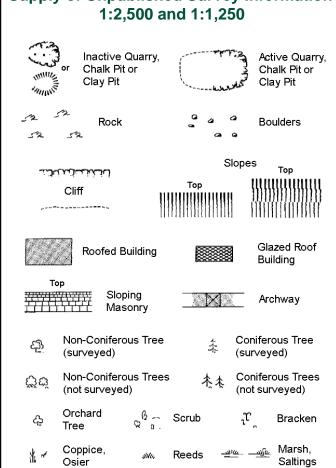
Trough Well

S.P

Sl.

Tr:

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 



Rough Culvert யார் Heath Grassland Direction Bench Antiquity of water flow (site of) Electricity Cave Triangulation ÷

**Electricity Transmission Line** County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	Beer House	Р	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
EIP	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

GVC

Gas Governer

Mile Post or Mile Stone

**Guide Post** 

Manhole

Wd Pp

Wks

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

# 1:1,250

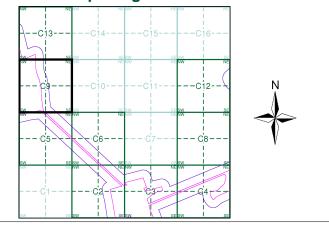
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			Slopes Top		
Lob ئەتىنىلىنىنىڭنى			Тор	1111111	11111111111
	Cliff	1111			
		1111		1111111	
Da	Rock		7,3	Rock (so	cattered)
$\triangle_{\Delta}$	Boulders		₽	Boulders	s (scattered)
	Positioned I	Boulder		Scree	
<u>ක</u> ු	Non-Conife (surveyed)	rous Tree	*	Coniferd (surveye	
స్తోల్	Non-Conife (not survey		* **	Conifero	ous Trees /eyed)
දා	Orchard Tree	Q a.	Scrub	J.	Bracken
* ~	Coppice, Osier	sible,	Reeds 🛥	100 — <u>л</u> је	Marsh, Saltings
actities,	Rough Grassland	111111 <sub>11</sub> ,	Heath	1	Culvert
<del>&gt;&gt;&gt; ≻</del>	Direction of water flow	w A	Triangulation Station	, &	Antiquity (site of)
E_T_L Electricity Transmission Line					
₩ 231.60m Bench Mark					
	Roofed	d Building		881	azed Roof iilding
• • • • Civil parish/community boundary					
— District boundary					
— • −— County boundary					
Boundary post/stone					
٨	•		mereing symb ear in oppos		
Bks	Barracks		Р	Pillar, Po	le or Post
Bty	Battery		PO	Post Offi	ce
Cemy	Cemetery		PC	Public C	onvenience
Chy	Chimney		Pp	Pump	
Cis	Cistern	I D-11	Ppg Sta	Pumping	
Dismtd F El Gen S	-	ed Railway y Generating	PW Sewage P	Place of	Worship ewage
LIGHIS	Station	, Generaung	Sewaye F		wage Imping Station
EIP	Electricity P	-	SB, S Br	Signal B	ox or Bridge
	ta Electricity S	ub Station	SP, SL	Signal P	ost or Light
FB	Filter Bed		Spr	Spring	
Fn / D Fr Gas Gov		rinking Ftn.	Tk Tr	Tank or T Trough	rack
343 GOV	Gas valve C	Simpound	• • • • • • • • • • • • • • • • • • • •	Hough	



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Ordnance Survey Plan	1:2,500	1975	4
Large-Scale National Grid Data	1:2,500	1994	5

### **Historical Map - Segment C9**



#### **Order Details**

Order Number: 298001007\_1\_1 21-1098.04 Customer Ref: National Grid Reference: 489060, 377630 Slice:

471.82 Site Area (Ha): Search Buffer (m): 100

### **Site Details**

West Barton 1



0844 844 9952 0844 844 9951