Desk Study Report for Hollyacre, Toddington Lane, Littlehampton

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Desk Study Report for Hollyacre, Toddington Lane, Littlehampton

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Introduction

1 Instructions

1.1 Instructions

Instructions were received from Mr Charles Wiggins of Wilmington Homes Ltd to undertake a desk study into the site history, to identify the potential for contamination of the soil and to assess associated hazards, to a site known as Hollyacre, Toddington Lane, Littlehampton BN17 7PP.

The Client's attention is drawn to Appendix H of this report for the Conditions and Limitations.

The procedure adopted for this study is in line with that given in BS 10175:2011 the British Standards Code of Practice for the investigation of Potentially Contaminated sites.

This report covers a Phase 1 Desk Study assessment only.

1.2 Site Location

The site is located immediately south of Toddington Lane, approximately 2km north of Littlehampton town centre, centred on National Grid Reference (NGR) 503280, 103870. The overall site is approximately 1.67 hectares in size. The surrounding land is predominantly occupied by commercial glasshouses and nurseries with limited residential properties.

A site location plan is presented in Appendix A of this report.

1.3 Proposed Development

It is understood that the site redevelopment is to include the construction of sixty one residential two storey houses ranging from terraced to detached properties with associated soft landscaping, gardens, vehicle parking and estate roads. Opus has been provided with a proposed site master plan drawing no. 01 Rev D, dated 25 January 2013, a copy of which is presented in Appendix B.

2 Risk Assessment Phase 1

HAZARD IDENTIFICATION AND ASSESSMENT

2.1 Geology

Reference to the British Geological map Solid and Drift Geology Sheet 317/332 for the region shows the site to be directly overlying drift geology in the form of River Terrace Deposits (undifferentiated). The underlying solid geology is indicated to be the New Pit Chalk Formation. No major geological fault lines are indicated to transverse the development site.

River Terrace Deposits are mainly gravels made up of flints, with a considerable sand content. Thicknesses are mainly between 1 and 7m. Eleven gravel terraces have been recognised. The five highest terraces have appreciable clay content. Clayey and sandy silts and silty clays overlie the 1st,

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3rd, 5th and 6th terraces widely and overlie some of the other terrace gravels at more scattered localities.

The New Chalk Pit Formation principally comprises white firm to moderately hard chalk with numerous marls or paired marl seams. Flint occurs sporadically in the upper part in the deeper basin areas. The Chalk is of marine origin and made up predominantly of tiny fossils called 'Coccoliths'. When weathered the chalk breaks down to clay like soil. "Sinkholes" may occur near the surface.

2.2 Hydrogeology

Reference to the Environment Agency web based groundwater maps indicates that the site is overlying a Principal aquifer associated with the New Pit Chalk Formation and a Secondary A aquifer associated with the River Terrace Deposits.

Principal aquifers consist of layers of rock that have high fracture permeability that can usually provide a high level of water storage. They may support water supply and/or river base flow on a strategic scale.

Secondary A aquifers are permeable layers capable of supporting water supplies at a local rather than strategic scale and in some cases forming an important source of base flow to rivers.

The overlying soils have been classified as being of High Leaching Potential (U). This description is given for soils located in urban areas where there are fewer observations than elsewhere. A worst case vulnerability classification is assumed until proven otherwise.

The site is not located within an Environment Agency designated groundwater Source Protection Zone.

The nearest reported water abstraction consent is located approximately 230m to the north west of the site and permits the abstraction of groundwater for direct spray irrigation at Toddington Nurseries.

One, active licenced discharge consent has been reported that pertains to the site. The licence is for the discharge of final/treated effluent into land and discharges are indicated to take place in the far south east section of the site. One active licence, which is for the discharge of process water into land, has been reported as being in operation within the surrounding land, located approximately 110m west of the site.

2.3 Hydrology

With reference to the environmental database report, the nearest recorded surface water feature is a pond located approximately 140m east of the site.

The indicative floodplain map for the area, published by the Environment Agency, indicates that the site does not lie within a floodplain and is not at risk from extreme flooding by rivers or the sea. However it should be noted that this report does not constitute a detailed flood risk assessment.

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2.4 Radon

Reference was made to Annex A of the BR211 Radon: Guidance on protective measures for new dwellings (2007 edition). The report indicates that no radon protective measures are necessary in the construction of new dwellings or extensions on the site.

2.5 Environmental Considerations

Specific details relating to the environmental setting of the site are presented within the environmental data sheets included in Appendix C. The salient issues that relate to the site are summarised as follows.

- The nearest active reported Local Authority Pollution Prevention and Control (LAPPC) is located approximately 680m south east of the site, which pertains to a Petrol Filling Station.
- The nearest reported pollution incident to the site occurred approximately 720m to the east of the site. The incident involved up to 1000 gallons of heating oil that leaked from a tank. The Environment Agency recorded the severity of the incident as a Category 2 major incident.
- No historic or current landfill site has been reported within 470m of the site.
- A closed licensed waste management facility, which took non-biodegradable wastes (not construction) when in operation, is located approximately 45m south east of the site.
- The closest registered waste transfer site is located approximately 380m north west of the site.
- Reported active contemporary trade directory entries on site are Arun Autogas Ltd, Outback Trailers and Sussex Scaffolding.
- There is no reported site of special scientific interest or national nature reserve located within close proximity to the subject site.

2.6 Present and Former Site Uses

The Phase 1 area appears to be an area of field that was previously occupied by polythene tunnels used in agricultural practices. Tunmore Builders, Arun Alternatives Group and Bennett Bros Ltd occupy the Phase 2 area of the site.

2.7 Historical Search

A study of historical OS map extracts of the site and surrounding area available from an environmental database was undertaken. A review of the maps is provided in Table 1A copy of the historic maps is presented in Appendix D.

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Table 1: Review of Historical Map Extracts

Date	Comments
1876 source map scale 1:2,500	The site and immediate surrounding land is undeveloped and set in a rural location with the village of Toddington shown to the south east of the site. Deciduous trees are shown along the eastern and southern boundaries of the site. A small detached residential property is shown adjacent to the north west corner of the site with a small section of the garden extending onto the site. Railway land forms the southern site boundary with railway lines constructed in what appears to be in a shallow cutting. An unnamed road is shown to the north of the site. A brickyard is located 265m south west of the site.
1879 source map scale 1:10,000	This is the first 1:10,000 edition viewed and shows that the area is a rural setting with the villages of Toddington to the south east, Wick to the south west and Leominster located to the north west of the site. An outbuilding appears to be located in the far north west corner of the site.
1897 source map scale 1:2,500	The site appears relatively similar to the previous edition. The garden outbuilding on site observed on the 1879 edition has been demolished. The land previously used as a brickyard, which was located to the south west as noted on the 1876 edition, has been partly covered by an orchard with a windmill and glasshouses constructed just to the north. A brick field is located approximately 285m to the west of the site.
1911 source map scale 1:2,500	The surrounding land appears relatively similar to the previous edition. Development of the land located immediately east of the site has commenced. An isolation hospital is located approximately 120m north west of the site.
1932 source map scale 1:2,500	The site remains undeveloped. An additional building has been constructed approximately 10m east of the site on an adjacent plot.
1961 - 1962 source map scale 1:10,000	The site and surrounding land appear relatively similar to the previous edition. Extensive residential development has taken place beyond 250m to the west and south of the site.
1969 source map scale	Hollyacre Farm has been constructed within the eastern section of the site. The Farm consists of five detached buildings and a

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Date	Comments
1:2,250	drive way that leads from Toddington Lane. The residential house and garden previously located towards the north west corner of the site has been demolished. The plot of land to the east of the site has been redeveloped with what appears to be several agricultural buildings and three farm cottages belonging to Toddington Farm. North of Toddington Lane, three nurseries have been constructed with Longacre Nursery to the north east, Holland Nursery to the north and Toddington Nurseries to the north east of the site. South of the railway line the land has been developed for residential housing.
1972 source map scale 1:250	The site and surrounding land appear relatively similar to the previous edition.
1974 source map scale 1:1250	The site is unchanged compared to the revised edition. Dutch Cottages, which consists of three residential properties, have been constructed directly north of the north east corner of the site..
1978 source map scale 1:1,250	The site and surrounding land appear relatively similar to the previous edition.
1980 source map scale 1:1,250	This edition only covers the eastern section of the site and surrounding land. A building that was located to the west side of the driveway at Hollyacre Farm has been demolished. On the plot of land to the east of the site two buildings have been demolished.
1993 source map scale 1:10,000	The site and surrounding land appear relatively similar to the previous edition.
1994 source map scale 1:1,250	The east of the site has been redeveloped and is similar to its current layout. The two buildings located in the south of the site have either been extended or demolished and rebuilt to form a larger footprint. The current vehicle workshop building located in the south east corner has been constructed with a smaller building shown adjacent to the eastern boundary. A small building previously located in the current courtyard has been

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Date	Comments
	demolished. To the west side of the driveway a small building which is currently a toilet block has been constructed. Further east of the toilet a circular structure is shown, which is considered to be the current water tank. South of the tank is a smaller building which currently houses water pump equipment. The west site of the development still appears to be undeveloped. To the west of the site Fairhaven Nursery has been constructed with a detached residential property located adjacent to the site. The plot of land adjacent to the east of the site has had further buildings demolished with only one remaining on site apart from the farm cottages.
2006 source map scale 1:1,250	The site represents the current site layout with exception to the removal of one building that was previously located adjacent to the eastern site boundary. The surrounding land appears relatively similar to the previous edition.

2.8 Site Visit and Walkover Survey

A site survey was undertaken by Chris Summers of Opus on the 14th December 2012. The aim of the survey was to identify the range of potentially contaminative activities carried out on the site and in the immediate vicinity and any obvious potential sources of ground contaminants. The comments provided below give a general description of the site and any features of relevance in terms of assessing historical usage, potential for contamination etc.

The phase 1 area is currently an unoccupied field with a central gravel surfaced track and the remnants of polythene tunnels located either side that are gravel surfaced. An area located in the southeast corner of site appeared to have been used for the burning of packaging materials. Toddington Lane to the north of the site was situated at a lower level than the site and it is considered that the north section of the site may have been built up.

The phase 2 area was accessed by a brick paviored driveway that led from Toddington Lane to a central parking area with buildings located to the north and south. The first building encountered to the east of the driveway was a building being used as an office/storage facility by Tunmore Builders. A compound area was located to the rear of the facility that was being used for the storage of waste building materials. Located between the builder's offices and the eastern site boundary was a further compound area. The compound was noted to be unoccupied but had been previously used by a scaffolding company.

A large above ground LPG storage tank was located in the north of the compound area. Access further north along the eastern site boundary was limited, but an abandoned ambulance, trailers and other equipment were noted to have been discarded there.

A vehicle workshop run by Arun Alternatives Group was located in the south east corner of the site. The interior of the workshop appeared to be fairly organised with a hydraulic vehicle lift installed at

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the south end of the building. Plastic containers containing waste oil had been stored adjacent to the rear access door of the workshop. Further plastic containers, tyres, vehicle ramps and gas cylinders had been stored to the rear of the workshop and the southern site boundary. Visual evidence of hydrocarbon staining was observed on the surface of the site located towards the rear of the workshop and in front of the abandoned ambulance.

To the west of the workshop was a large agricultural building, the rear section of which was being used for the storage of fishing supplies and an old car. The front section was being partly used for offices and warehousing. Structural timber was also being prepared (shaped) prior to being treated in the front section of the building.

Further west towards the southern site boundary was a small timber building that was being used as an office for the fishing equipment supply company. Another large agricultural building that was being used for the storage of fabrics was located to the north.

Across the car park located adjacent to the western site boundary of the phase 1/2 area was a small prefabricated building that was housing water pump equipment. The water pump is understood to have been previously used for irrigation of the polythene tunnels located to the west. A large circular water storage tank located to the north fed the pump room. Situated in front of the pump room was a small toilet block the waste of which is understood to have entered what appeared to be a septic tank to the north. Located to the north of the toilet block was a bunded above ground fuel tank that was considered to be used for the storage of diesel.

2.9 Consultation and Enquiries

2.9.1 Local Authority – Environmental Health Department

A land use enquiry for the site and surrounding land was requested from Arun District Council. Their response is summarised as follows.

The site and its neighbouring properties are not on the contaminated land / remediation register. The site is considered as potentially contaminated land due to the current commercial use of the site including Arun Autoglass, Tunmore Builders and AP Scaffolders.

A bunded above ground storage tank is present on the site. The contents of this tank is unknown but is assumed to be diesel.

According to the council's records, the nearest former landfill is by Cornfield Close, which is located approximately 480m south of the site. The landfill was in operation in the 1960's and 1970's and is understood to have received household waste. Recent gas monitoring indicates that no significant amounts of landfill gas are being produced.

The nearest reported pollution incident occurred 420m north of the site that involved a diesel spill.

There is an Environment Agency registered waste management licence at Tulley's Nursery (east of Toddington Lane) for the burial of non-biodegradable waste Ref. WSX/L1/0080.

A copy of the council's response is presented in Appendix F.

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2.9.2 Local Authority – Planning Department

Reference was made to Arun District Council's web based planning page to view historic planning applications for the site. A visit was also made to the local authority for the purpose of viewing selected planning applications for the site and the plot of land located beyond the eastern site boundary. The planning history is summarised in the following tables. Selected copies of planning drawings are presented in Appendix G.

Table 2: Planning Application search pre 1987 (Onsite)

Reference	Location	Development Description	Type	Status
LU/65/56	North of railway and west of Toddington Littlehampton	Outline application erection of dwelling	Planning -	Temporary Permission
LU/167/64	Land south of Toddington Lane Littlehampton	Covered cattle yard barn and shed	Planning -	Permanent Development
LU/77/65	Land South of Toddington Lane, Adjacent to Railway Littlehampton	Outline application for the erection of a building for agricultural purposes	Planning -	Approved Conditionally
LU/115/65	Land south of Toddington Lane Littlehampton	Erection of 2 agricultural buildings	Planning -	Approved Conditionally
LU/105/66	Land between railway lines and Toddington Lane	Erection of Dutch barn	Planning -	Permanent Development
LU/96/69	Hollyacre Farm Toddington Lane Littlehampton	Erection of one glasshouse	Planning -	Approved Conditionally
LU/599/78	Hollyacre Farm Toddington Lane Littlehampton	3 polythene tunnels, car parking, office and use of part of site for garden centre	Planning -	Approved Conditionally
LU/321/86	Hollyacre Farm Toddington Lane Littlehampton	Erection of toilet block	Planning -	Approved Conditionally
LU/402/86	Hollyacre Farm Toddington Lane Littlehampton	Building to be used for restoration of classic sporting and racing motor vehicles	Planning -	Approved Conditionally

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Table 3: Planning Application search post 1987 (Onsite)

Reference	Location	Applicant Name	Accepted Date	Development Description	Type	Status
LU/559/88	Hollyacre Toddington Lane Littlehampton	Mr H F Whitaker	23/09/1988	Continued use of builders store as previously allowed on LU/69/85	Planning - Plan Application	Approve Condition -ally
LU/238/91	Hollyacre Toddington Lane Littlehampton	Venture Windows	06/09/1991	Part Change of Use of agricultural building to use for storage of materials and plant associated with Venture Windows and Doors Ltd. (Includes office use).	Planning - Plan Application	Appeal
LU/124/95	Hollyacre Toddington Lane Littlehampton	Venture Windows & Doors Ltd	28/04/1995	Renewal of temporary consent LU/238/91 for part change of use of agricultural building to use for storage of materials and plant associated with Venture Windows and Doors Ltd. (Includes office use).	Planning - Plan Application	Approved Condition -ally
LU/30/07/TEL	Hollyacre Toddington Lane Littlehampton	T-Mobile (UK) Ltd	22/01/2007	Prior Notification for installation of 15m high monopole and associated equipment cabinets	Planning - Telecom Comms	No Objection
LU/357/08/EIS	Land adjacent to Toddington Lane Littlehampton	WYG Environment	12/12/2008	Request for scoping Opinion North Littlehampton Urban Extension.	Planning - Scoping Opinion	Scoping Issued

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Table 4: Planning Application search pre 1987 (Land to the east of the site)

Reference	Location	Development Description	Type	Status
LU/65/56	North of railway and west of Toddington Littlehampton	Outline application erection of dwelling	Planning -	Temp Permission
LU/16/58	140 Toddington Lane Littlehampton	Erection of a piggery, combination of soakaways and cesspool for foul waste	Planning -	Approved
LU/118/63/B	41 Gatehouse Toddington Crossing Littlehampton	Extension	Building -	Permitted
LU/91/67	On land west side of Toddington Lane north of Toddington Level Crossing Littlehampton	Proposed erection of terrace of three houses for workers	Planning -	Approve Cond
LU/226/67	Land on west side of Toddington Lane Littlehampton	Demolition of existing dwelling and erection of terrace of 3 houses for use by agricultural workers	Planning -	Approve Cond
LU/18/70	Toddington Farm Toddington Lane Littlehampton	Demolition of boiler house and grain store and erection of 7 dwellings	Planning -	Withdrawn

3 Potential Contaminants and Receptors

3.1 General

In order for land affected by contamination to cause harm or pollution, there must be a source of the contamination (such as toxic or harmful substances in the ground), a receptor that can be harmed (such as a person whose health could be affected by the contamination or a controlled water that could be polluted by it) and a pathway by which the receptor can be exposed to the contamination (such as through direct skin exposure to contaminated soil or ingestion of contaminated water or contaminated vegetables grown in the soil).

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In addition to the risk to health and plant life, contaminants may also attack materials in building components. This includes the effect of sulphates on concrete structures and also contaminants passing through walls of water service pipes or causing degradation of pipework and affecting the taste or potability of water supplies and the accumulation of gases creating potentially explosive or asphyxiant conditions.

3.2 Potential Contaminants

Phase 1 Area

Phase 1 comprised a disused field that was partially surfaced with the remnants of polythene tunnels historically associated with a nursery. At the time of the site walkover survey the field was noted to have become overgrown with scrub vegetation and that the north section of the site may have been built up with made ground.

The historic map review and planning application search indicates that this section of the site has not historically been the subject of any significant development. Historical mapping revealed that the far north west corner of Phase 1 was occupied in the late 19th and early 20th Century by a garden and outbuildings belonging to a neighbouring (off-site) property.

The following potential contaminants that may have been generated through past site activities have been listed for consideration:

- Insecticides and herbicides associated with nursery;
- Metals, metalloids, Asbestos Containing Materials (ACMs) and Polycyclic Aromatic Hydrocarbons (PAHs) associated with the burning of materials (limited to the southeast corner of Phase 1).
- Metals, metalloids, Asbestos Containing Materials (ACMs) and Polycyclic Aromatic Hydrocarbons (PAHs) associated with made ground

Phase 2 Area

Phase 2 was occupied by a number of buildings that were being used for light commercial use at the time of the site walkover survey, but collectively formed Hollyacre Farm.

Reference to planning documents revealed that Hollyacre Farm was first developed with the construction of agricultural buildings in the mid 1960's. Car parking, 3 polythene tunnels and permission for part of the site to be used as a garden centre was conditionally approved in 1978. A toilet block was added to the site in 1986 and planning permission was sought in the same year for one of the farm's buildings to be used for the restoration of classic sporting and racing motor vehicles. Venture Windows and Doors Ltd gained temporary planning consent to use an agricultural building on site for the storage of materials and plant associated with their work practices in 1992.

A review of available historic maps indicates that Hollyacre Farm was initially constructed in the 1960's and comprised five detached buildings. No significant changes occurred to the site's layout

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until the early 1990's when additional buildings were constructed and extensions/conversions to the existing property appear to have taken place.

During the site walkover survey active commercial trades observed on site included a building firm, a vehicle maintenance garage, fishing equipment suppliers and textile suppliers. Also a scaffold company historically operated from the site.

Waste materials noted within the compound areas associated with the trades on site included and building waste. In addition an ambulance, trailers waste oil contained in plastic drums, tyres, vehicle ramps, gas cylinders and other equipment had been left adjacent to the eastern site boundary.

Hydrocarbon staining was observed on the surface of the site located in close proximity to the abandoned ambulance and the above ground oil storage tank.

The following potential contaminants that may have been generated through past site activities have been listed for consideration:

- Hydrocarbons and PAHs associated with the above ground fuel storage tank;
- Hydrocarbons, PAHs and Volatile Organic Compounds (VOCs) associated with the storage of waste, chemicals and solvents (localised to the commercial units);
- ACMs associated with historic site developments, demolition of buildings, storage of trade materials;
- Metals, metalloids, ACMs and PAHs associated with the presence of made ground that may exist beneath the site.

3.3 Potential Receptors and Pathways

Receptors may be humans, animals or plants; they may also be part of the general environment, such as water resources, or they may be building structures and services, such as water mains or pipes.

It is understood that the site is to be redeveloped for residential use including private gardens. Based on this information potential receptors are listed as follows:

Potential Receptors

» Humans	-	Future Site residents – adults, children
	-	Construction workers - adults
	-	Service maintenance workers - adults
» Water	-	Local groundwater contained in the underlying minor and principal aquifer
» Construction Materials	-	For new buildings

The following potential pathways can be foreseen for this site post redevelopment:

- » Direct contact via ingestion of home grown produce or soil attached to home grown produce;

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» Direct contact via inhalation of contaminated soils/dust particulates and dermal contact;

» Lateral migration of contaminants into surface waters;

» Vertical migration of contaminants into groundwater;

4 Conceptual Model and Hazard Assessment

4.1 Introduction

The legislative framework for the regulation of contaminated land is contained in Part 2A of the Environmental Protection Act 1990, which was implemented in the Contaminated Land (England) Regulations 2000 (and subsequent amendments). This legislation allows for the identification and remediation of land where contamination is causing unacceptable risks to human health or the wider environment. The basis of the UK contaminated land policy is the 'Suitable for Use' approach, which states that land should be suitable for its current use and made suitable for any new use as official permission (through the planning process) is given for that use.

In April 2012 the new National Planning Policy Framework (NPPF) was introduced in England. Under the NPPF, land should be suitable for its new use taking the effects of ground contamination into consideration.

Based upon the data collected to date the primary potential for contamination at this site arises from the following:

- Made ground is considered likely to exist on site that may have been potentially imported on to site or generated on site during redevelopment works.
- The above ground oil storage tank, storage of waste oil and vehicle workshop may have caused localised hydrocarbon contamination on site. Consequently local groundwater stored within the underlying minor aquifer may have been adversely impacted.
- Vehicles parked or abandoned on site may have caused localised hydrocarbon contamination of the underlying soils via oil leaking from vehicle engines.
- The area of the site used for a bonfire may have caused some localised contamination of the near surface soils.

Primary receptors are considered to be construction workers, future site residents and groundwater.

4.2 Preliminary Conceptual Site Model

A source–pathway-receptor analysis for Phase 1 and Phase 2 are presented in Tables 5 and 6 to form the preliminary conceptual model of pollutant linkages for this site, together with Risk Assessment criteria and comments based upon contaminants being potentially located beneath the site.

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Table 5: Preliminary Conceptual Site Model for Pollutant Linkages for Hollyacre, Toddington Lane, Littlehampton – Phase 1 Area.

Source	Pathway	Receptor	Risk Assess-ment	Comments
Herbicides and insecticides	Direct Ingestion of contaminated soil	Future site residents	Medium	Greatest risk to future residents is via direct contact with contamination within soils in the proposed private garden areas and soft landscaping.
	Direct contact with contaminated soil Inhalation of dust from contaminated soil	Construction workers	Low	Construction workers are considered to be at a greater risk during the ground works phase of redevelopment. However the appropriate use of PPE can be used to reduce the risk.
		Maintenance workers		
Area of site used for bonfires Area built up Made Ground	Migration percolation into surface or groundwater	Groundwater migrating beneath site	Low	The site is immediately overlying a secondary A aquifer; however it is not located within an Environment Agency groundwater source protection zone. It is considered that the consistency of the overlying River Terrace Deposits may help to attenuate contaminants from migrating into the underlying New Pit Chalk, which is a principal aquifer, if the deposits have a high clay content.
	Direct Contact	Building Materials	Low	Some substances can be deleterious to building materials e.g. certain organic contaminants can permeate some versions of plastic pipes tainting the site's water supply.
Asbestos	Inhalation of	Future site residents	Low to	Potential for ACMs to be located within the area of the site used for bonfires and

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Source	Pathway	Receptor	Risk Assess-ment	Comments
	fibres	Construction workers	Medium	within the far north west corner of the site associated with the garden and outbuildings that were historically located there.
		Maintenance workers		

Table 6: Preliminary Conceptual Site Model for Pollutant Linkages for Hollyacre, Toddington Lane, Littlehampton- Phase 2 Area.

Source	Pathway	Receptor	Risk Assess-ment	Comments
Made Ground Above ground oil storage tank Storage of trade waste and other equipment	Direct Ingestion of contaminated soil	Future site residents	Medium	Greatest risk to future residents is via direct contact with contamination within soils in the proposed private garden areas and soft landscaping.
	Direct contact with contaminated soil Inhalation of dust from contaminated soil	Construction workers	Low	Construction workers are considered to be at a greater risk during the ground works phase of redevelopment. However the appropriate use of PPE can be used to reduce the risk.
		Maintenance workers		
	Migration percolation into surface or groundwater	Groundwater migrating beneath site	Low to Medium	The site is immediately overlying a secondary A aquifer; however it is not located within an Environment Agency groundwater source protection zone. It is considered that the consistency of the overlying River Terrace Deposits may help to attenuate contaminants from migrating into the underlying New Pit Chalk, which is a principal aquifer, if the deposits have a high clay content.
	Direct Contact	Building Materials	Low	Some substances can be deleterious to building materials e.g. certain organic contaminants can permeate some versions of plastic pipes tainting the site's water supply.

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Source	Pathway	Receptor	Risk Assess-ment	Comments
Asbestos	Inhalation of fibres	Future site residents	Medium	Asbestos Containing Materials (ACM's) are highly likely to be present within the buildings on site. It is recommended that an asbestos survey is undertaken so that all ACM's can be appropriately removed from site prior to the existing buildings being demolished. Furthermore ACMs could be present within any underlying made ground generated through historic demolition works on site and/or from made ground historically imported on to site for redevelopment works. Historically trade waste left on the site's surface may have contained ACMs
		Construction workers		
		Maintenance workers		

It should be stressed that these linkages are theoretical only at this stage, as no contamination based ground investigation has been carried out; contamination of the soil may or may not be present.

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5 Conclusions and Recommendations

Based on the history of the site it is considered that the site generally poses a low to medium potential risk to humans and a low to medium risk to local controlled waters. The main potential sources of contamination are considered to include the following:

- Made ground that may be present within the shallow soils on site;
- The above ground oil storage tank and vehicle workshop;
- Oil leaks from vehicles either parked or abandoned on site;
- Area of site used for bonfires;
- Agricultural activities including the use of herbicides and insecticides;
- Asbestos Containing Materials.

Based on the redevelopment of the site being for residential use with plant uptake, the main receptors considered to be most at risk are future residents and construction and maintenance workers.

Future residents are considered to be at a greater risk of coming into direct contact with potential contamination via exposure to soil within private gardens and areas of soft landscaping.

Construction/maintenance workers are considered to be at a greater risk of coming into direct contact with potential contamination during the ground works phase of the sites redevelopment. This risk can be reduced however by workers wearing appropriate PPE.

It is considered that if contaminated soils exist on site the contamination is likely to be localised. Based on the information from the desk study it would be considered prudent to undertake a preliminary intrusive investigation for the purpose of assessing contaminant concentrations within the shallow soils on site.

ARUN DISTRICT COUNCIL LU/116/13/

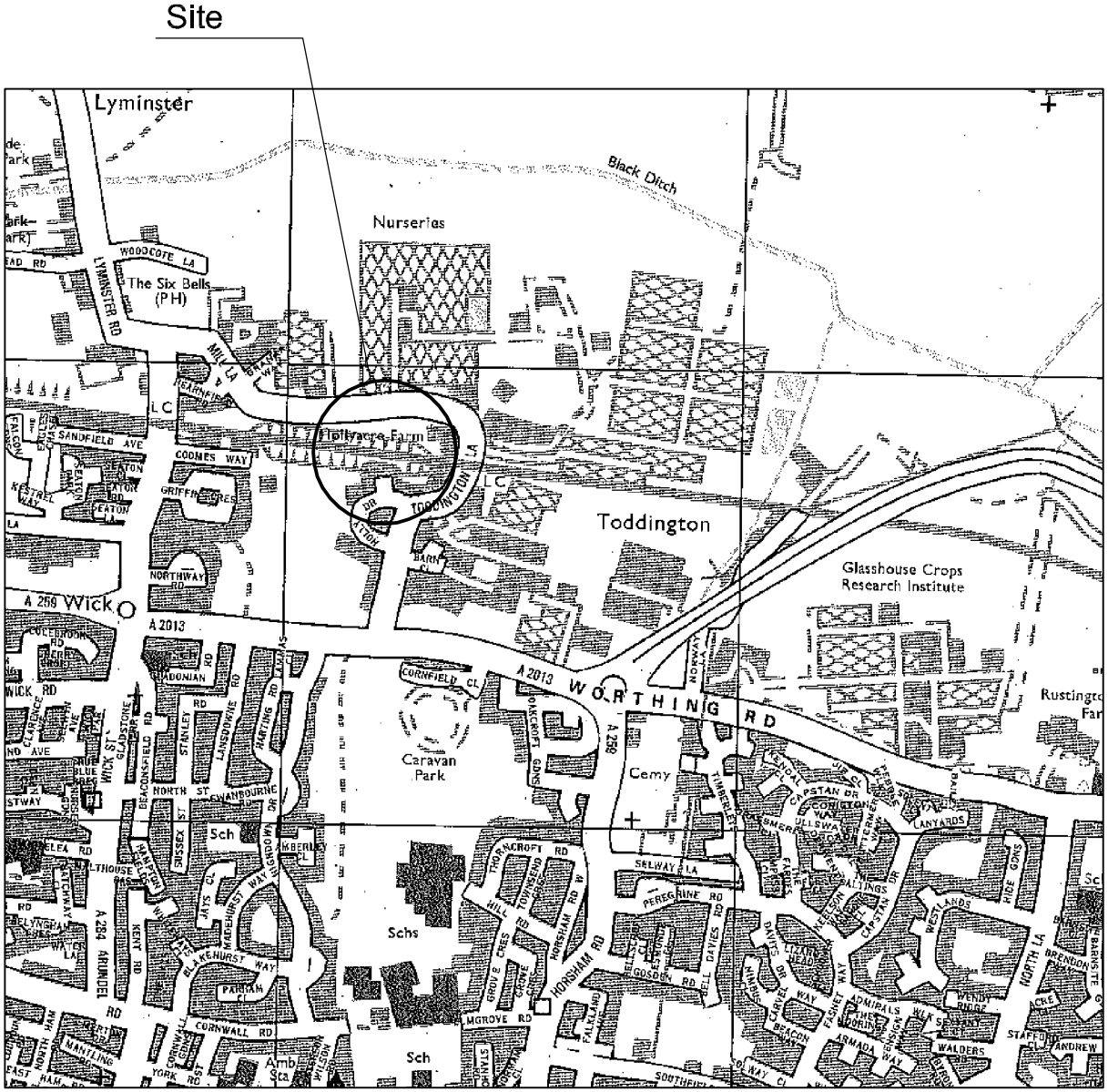
Appendices

ARUN DISTRICT COUNCIL LU/116/13/

Appendix A:

Site Location Plan

ARUN DISTRICT COUNCIL LU/116/13/



Site Location Plan

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PRELIMINARY

Wilmington Homes Ltd

OPUS
Fareham Office
+44 1329 822021
Modulus House,
Salterns Lane, Fareham
Hampshire PO16 0QS

Project
HOLLYACRE
TODDINGTON LANE
LITTLEHAMPTON

Sheet
SITE LOCATION PLAN

Revision	Amendment	Approved	Date
P1	PRELIMINARY ISSUE	CDS	22.02.13

Drawn	Designed	Approved	Revision Date
MP	CDS	CDS	22.02.13

Project No.	Scale	Drawing No.	Sheet. No.	Revision
FA E-E1524.00	NTS	100		P1

Original Sheet Size A1 [210x297] Plot Date 2/22/2013 7:59 AM Path N:\Projects\GE1500-GE1599\GE1524\CAD\TEMP\FA E-E1524.00 100 P1.dwg

Appendix B:

Proposed Redevelopment Plan

ARUN DISTRICT COUNCIL LU/116/13/

CDM 2007 Health & Safety Information

This information relates only to 'Significant Hazards' identified on this drawing and is to be read in conjunction with the Designer's Risk Assessment Register.



SCHEDULE:

PHASE 1

Affordable Dwellings (30%):
3no. 2-bed houses @ 782sqft
10no. 3-bed houses @ 886sqft
4no. 3-bed houses @ 887sqft
2no. 3-bed houses @ 960sqft
19no. dwellings - total 16,669sqft
Car Parking: 2 spaces per dwelling (38no.)
4no. visitors spaces

Open Market Dwellings
1no. 2-bed house @ 834sqft
5no. 3-bed houses @ 799sqft
11no. 3-bed houses @ 840sqft
1no. 3-bed house @ 903sqft
1no. 3-bed house @ 921sqft
2no. 3-bed houses @ 959sqft
4no. 3-bed houses @ 978sqft
3no. 4-bed houses @ 1197sqft
1no. 4-bed house @ 1220sqft
29no. dwellings - total 26,536sqft
Car Parking: 2 spaces per dwelling (58no.)
4no. visitors spaces

PHASE 2 - RETAINED LAND

Open Market Dwellings
2no. 3-bed houses @ 799sqft
7no. 3-bed houses @ 840sqft
1no. 3-bed house @ 903sqft
1no. 3-bed house @ 921sqft
2no. 3-bed houses @ 978sqft
13no. dwellings - total 10,358sqft
Car Parking: 2 spaces per dwelling (26no.)
2no. visitors spaces

61no. Dwellings total
Overall Site Area 1.67Ha
Density 36.5dw/Ha
Allocated Car Spaces: 122no.
Visitors Car Parking: 10no.

N

Rev	Date	Revision Details	Dr	Ch
D	25.01.13	Schedule, notes & phasing amended	KE	EY
C	16.01.13	Additional visitors spaces added within Phase 3	KE	EY
B	15.01.13	Affordable types revised, roads adjusted to tracking	KE	EY
A	11.12.12	Updated with revised house types	KE	EY

London: Unit 1 West Coate House 3 Coate Street London E2 9AG
T 020 7729 5505 E london@ecearchitecture.com

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ECE Architecture

Client's Name
Wilmington Homes

Job Title
Toddington Lane, Littlehampton

Drawing Title
Masterplan

Scale
1:500 @ A1 / 1:1000 @ A3

metres 10 20 30 40 50

Drawn	Checked	Date
KE	AC	27.09.12

Job No	Drawing No	Rev
5691	01	D

Status
INFORMATION

CAD Plot date: 25/01/2013 - 14:51:10 5691site.dwg

© ECE Architecture Limited. No dimensions to be scaled from drawing except for the puposes of Planning Applications. The contractor should check all dimensions on site. It is the contractors responsibility to ensure compliance with Building Regulations.

ARUN DISTRICT COUNCIL LU/116/13/

Appendix C:

Envirocheck Data Sheets

ARUN DISTRICT COUNCIL LU/116/13/

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
43199444_1_1

Customer Reference:
E-E1524

National Grid Reference:
503280, 103870

Slice:
A

Site Area (Ha):
1.69

Search Buffer (m):
1000

Site Details:

Hollyacre Workshop, Toddington Lane
Wick
Littlehampton
BN17 7PP

Client Details:

MR M Grant
Opus International Consultants (UK) Ltd
Modulus House
Salterns Lane
Fareham
Hampshire
PO16 0QS

OPUS

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	18
Hazardous Substances	-
Geological	22
Industrial Land Use	31
Sensitive Land Use	37
Data Currency	38
Data Suppliers	42
Useful Contacts	43

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.
For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Radon Potential dataset Copyright Notice

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Report Version v47.0

OPUS

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1	1	2	7	11
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 6				1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6		Yes		
Pollution Incidents to Controlled Waters	pg 6				6
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances	pg 7			1	
River Quality	pg 7				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 7		3	7	13 (*13)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 16	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 16	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 16	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 16		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 17		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 18			1	2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 18				1
Licensed Waste Management Facilities (Locations)	pg 18		1	1	
Local Authority Recorded Landfill Sites	pg 19				1
Registered Landfill Sites	pg 19				1
Registered Waste Transfer Sites	pg 20			3	1
Registered Waste Treatment or Disposal Sites	pg 21				1

OPUS

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 22	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 22	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 29			1	3
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 30	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 30	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 30		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 30		Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 30	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 30	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 30	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 31	2	9	7	38
Fuel Station Entries	pg 36			1	1

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 37	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: H.Whitaker Esq. Property Type: Domestic Property (Single) Location: Hollyacre, Toddington Lane, LITTLEHAMPTON , West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00690 Permit Version: 1 Effective Date: 29th October 1986 Issued Date: 29th October 1986 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Into Land Receiving Water: Into Land **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A11SW (E)	0	1	503350 103850
2	**Discharge Consents** Operator: Kirin Agribio Trading As Yoder Property Type: Mixed Farming Location: Yoder Toddington, Toddington Lane, Littlehampton, West Sussex, Bn17 7pl Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: App/So/55su Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 1st April 1999 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge Environment: Into Land Receiving Water: Into Land **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A10NE (W)	112	1	503090 103940
3	**Discharge Consents** Operator: Arun Valley Mushrooms Ltd Property Type: Mixed Farming Location: Foxdale Horses, Toddington Lane, Littlehampton, West Sussex, Bn17 6jx Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: App/So/65su Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 1st April 1999 Revocation Date: 21st April 2004 Discharge Type: Trade Discharge - Process Water Discharge Environment: Into Land Receiving Water: Into Land **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A11SW (SE)	171	1	503510 103740
4	**Discharge Consents** Operator: Van Heyningen Brothers Ltd. Property Type: Undefined Or Other Location: Land Adjacent To Toddington Lane, Wick, Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01509 Permit Version: 1 Effective Date: 1st December 1980 Issued Date: 1st December 1980 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A11NW (NE)	260	1	503580 104070

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Discharge Consents** Operator: Fargro Ltd. Property Type: Undefined Or Other Location: Factory Sewage Treatment Plant, Land Off Toddington Lane, , Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02215 Permit Version: 1 Effective Date: 2nd October 1973 Issued Date: 2nd October 1973 Revocation Date: Not Supplied Discharge Type: Non Water Company (Private) Sewage Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A11NW (NE)	279	1	503540 104130
6	**Discharge Consents** Operator: Firview Nursery Property Type: Mixed Farming Location: Firview Nursery, Toddington Lane, Littlehampton, West Sussex, Bn17 7qp Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: App/So/74su Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 1st April 1999 Revocation Date: 1st April 1999 Discharge Type: Trade Discharge - Process Water Discharge Environment: Into Land Receiving Water: Into Land **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A11SW (SE)	326	1	503520 103530
7	**Discharge Consents** Operator: Fargro Ltd. Property Type: Undefined Or Other Location: Land North Of Cold Store, & Packing House, Toddington Lane Wick, Littlehampton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: N02018 Permit Version: 1 Effective Date: 25th April 1979 Issued Date: 25th April 1979 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A15SW (NE)	357	1	503540 104220
8	**Discharge Consents** Operator: Fargro Ltd. Property Type: Undefined Or Other Location: Factory Sewage Treatment Plant, Land Off Toddington Lane, , Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02215 Permit Version: 1 Effective Date: 2nd October 1973 Issued Date: 2nd October 1973 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A11NW (NE)	365	1	503590 104200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Discharge Consents** Operator: Littlehampton U.D.C. Property Type: Undefined Or Other Location: Civic Amenity Pound, Isolation Hospital Site, Mill Lane , Littlehampton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02213 Permit Version: 1 Effective Date: 2nd October 1973 Issued Date: 2nd October 1973 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A14SW (NW)	404	1	502920 104210
10	**Discharge Consents** Operator: Farmers & Growers Industries Ltd Property Type: Undefined Or Other Location: Fargro Limited, Toddington Lane, Wick, LITTLEHAMPTON , West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N02694 Permit Version: 1 Effective Date: 7th August 1981 Issued Date: 7th August 1981 Revocation Date: 31st March 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A15SW (NE)	448	1	503620 104280
11	**Discharge Consents** Operator: Store Property Investments Ltd. Property Type: Pharmaceutical Products Location: The Body Shop, S. Of Courtwick Ln And, West Of Lyminster Road, Littlehampton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P00319 Permit Version: 1 Effective Date: 20th January 1986 Issued Date: 20th January 1986 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Into Land Receiving Water: Into Land **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A9SE (W)	625	1	502610 103600
12	**Discharge Consents** Operator: Hargreaves Properties (Portslade) Property Type: Undefined Or Other Location: Land North Of Court Wick Lane, Littlehampton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01569 Permit Version: 1 Effective Date: 30th March 1967 Issued Date: 30th March 1967 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Controlled Sea Receiving Water: Controlled Sea **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A9SE (W)	626	1	502570 103750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Discharge Consents** Operator: Hargreaves Properties (Portslade) Property Type: Undefined Or Other Location: Land North Of Court Wick Lane, Littlehampton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01569 Permit Version: 1 Effective Date: 30th March 1967 Issued Date: 30th March 1967 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Controlled Sea Receiving Water: Controlled Sea **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A9SE (W)	632	1	502560 103790
13	**Discharge Consents** Operator: West Sussex County Council Property Type: Miscellaneous Transport Not Specified Location: A259 Rustington By-Pass, Western Roundabout, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P01566 Permit Version: 1 Effective Date: 17th May 1988 Issued Date: 17th May 1988 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A7NE (SE)	663	1	503940 103500
14	**Discharge Consents** Operator: Store Property Investments Ltd Property Type: Undefined Or Other Location: Land North Of Hawthorn Rd And, South Of Courtwick Lane, Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P01069 Permit Version: 1 Effective Date: 24th July 1987 Issued Date: 24th July 1987 Revocation Date: 31st March 1995 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A5NE (SW)	766	1	502500 103500
15	**Discharge Consents** Operator: John Denyer And Partners Property Type: Undefined Or Other Location: Bungalow In Old Mead Lane, Lyminster, Littlehampton Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S02833 Permit Version: 1 Effective Date: 22nd July 1960 Issued Date: 22nd July 1960 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A13SE (NW)	823	1	502460 104280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	**Discharge Consents** Operator: West Sussex County Council Property Type: Education Location: Littlehampton Comm. School, Hill Road, Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P04113 Permit Version: 1 Effective Date: 24th February 1992 Issued Date: 24th February 1992 Revocation Date: 31st March 1995 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A7SW (S)	913	1	503400 102900
17	**Discharge Consents** Operator: Southern Water Services Ltd Property Type: Not Given Location: EAST GRINSTEAD , West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: PP38/45/K9 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 1st April 1991 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Storm Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A12SE (E)	947	1	504330 103830
17	**Discharge Consents** Operator: Southern Water Services Ltd Property Type: Not Given Location: Bancroft Road Storm Overflow, EAST GRINSTEAD, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: PP38/45/K9 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 1st April 1991 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Treated Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A12SE (E)	947	1	504330 103825
18	**Discharge Consents** Operator: Store Property Investments Ltd. Property Type: Undefined Or Other Location: Hawthorn Road, Littlehampton, & Between Courtwick Lane &, A259 Littlehampton By-Pass, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P04801 Permit Version: 1 Effective Date: 24th May 1993 Issued Date: 24th May 1993 Revocation Date: 23rd June 1995 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Post National Rivers Authority Legislation where issue date > 31/08/1989** Positional Accuracy: Located by supplier to within 100m	A5NE (SW)	990	1	502300 103400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	**Discharge Consents** Operator: Kingsmead Parks Ltd. Property Type: Other Tourist/Short Stay Accommadation Location: Extension To Caravan Park, Thornlea Park, Lyminster Road, Littlehampton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N02119 Permit Version: 1 Effective Date: 21st August 1974 Issued Date: 21st August 1974 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A13SE (NW)	998	1	502290 104330
20	**Local Authority Pollution Prevention and Controls** Name: Shell Eastfield Location: Worthing Road, Rustington, LITTLEHAMPTON, West Sussex, BN17 6LE Authority: Arun District Council, Environmental Health Department Permit Reference: PVR/6/06 Dated: 14th September 1998 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status: Permitted** Positional Accuracy: Automatically positioned to the address	A7NE (SE)	682	2	503836 103328
	Nearest Surface Water Feature	A11SW (E)	139	-	503511 103836
21	**Pollution Incidents to Controlled Waters** Property Type: Metal industry Location: Zuider Zee Nursery Authority: Environment Agency, Southern Region Pollutant: Oils - Kerosene Fuel Oil Note: Up To 1000 Gallons Of Heating Oil Leaked From Tank Incident Date: 18th June 1998 Incident Reference: 2712 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Poor Operational Practice Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12SW (E)	721	1	504100 103800
22	**Pollution Incidents to Controlled Waters** Property Type: Industrial: Other Location: Body Shop Hawthorn Road, WICK Authority: Environment Agency, Southern Region Pollutant: Chemicals - Other Organic Note: Spillage Of 583Kg Hairspray Incident Date: 8th April 1998 Incident Reference: 2505 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Industrial Chemicals Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A5NE (SW)	721	1	502550 103500
23	**Pollution Incidents to Controlled Waters** Property Type: Construction Location: Courtwick Lane, Wick, LITTLEHAMPTON Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Stream Bed White Incident Date: 27th November 1996 Incident Reference: 1959 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Inadequate Construction Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SE (W)	801	1	502400 103700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	**Pollution Incidents to Controlled Waters** Property Type: Transport, Storage, Communications Location: Black Ditch, LYMINSTER Authority: Environment Agency, Southern Region Pollutant: Organic Chemicals : Mixed / Unidentified / Waste Mineral & Synthetic Oils Note: Not Supplied Incident Date: 26th March 1999 Incident Reference: 2026 Catchment Area: Arun Receiving Water: Potential River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier	A13SE (NW)	886	1	502400 104300
25	**Pollution Incidents to Controlled Waters** Property Type: Domestic/Residential Location: Black Ditch, D/S Lyminster Bridge Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Oil Incident Date: 13th January 1993 Incident Reference: 555 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (NW)	910	1	502500 104500
26	**Pollution Incidents to Controlled Waters** Property Type: Agricultural Location: Tributary Black Ditch, South Of Thornlea Park Estate Authority: Environment Agency, Southern Region Pollutant: Oils - Other Fuel Oil Note: Oil; Horticultural Incident Date: 8th March 1995 Incident Reference: 1239 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (W)	929	1	502300 104150
27	**Registered Radioactive Substances** Name: Horticulture Research International Location: Worthing Road, LITTLEHAMPTON, West Sussex, BN17 6LP Authority: Environment Agency, Southern Region Permit Reference: AH5094 Dated: 31st March 1991 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA **Status: Authorisation either revoked or cancelledCancelled** Positional Accuracy: Located by supplier to within 100m	A7NW (SE)	497	1	503583 103370
	River Quality Name: Black Ditch GQA Grade: River Quality D Reach: Tidal R. Arun - Clapham Stw Estimated Distance (km): 8.2 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A15SW (N)	566	1	503387 104477
28	**Water Abstractions** Operator: Kirin Agribo Toddington Ltd Licence Number: 24/067 Permit Version: 1 Location: Borehole At Point 'A' At Kirin Agribo Toddington Nurseries Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NE (NW)	221	1	503090 104110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	**Water Abstractions** Operator: Yoder Toddington Ltd Licence Number: 10/41/414019 Permit Version: 101 Location: Foxdale Nursery Toddington Lane Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st November 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SW (E)	231	1	503580 103750
29	**Water Abstractions** Operator: D W P Dales & Co Licence Number: 10/41/414019 Permit Version: 100 Location: Foxdale Nursery Toddington Lane Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 19th July 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SW (E)	231	1	503580 103750
30	**Water Abstractions** Operator: Yoder Toddington Ltd Licence Number: 10/41/414025 Permit Version: 101 Location: Firview Nursery Toddington Lane Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th October 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SW (SE)	273	1	503460 103560
30	**Water Abstractions** Operator: Yoder Toddington Ltd Licence Number: 10/41/414025 Permit Version: 101 Location: Firview Nursery Toddington Lane Authority: Environment Agency, Southern Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th October 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SW (SE)	273	1	503460 103560

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	**Water Abstractions** Operator: Firview Nursery Licence Number: 10/41/414025 Permit Version: 100 Location: Firview Nursery Toddington Lane Authority: Environment Agency, Southern Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SW (SE)	273	1	503460 103560
30	**Water Abstractions** Operator: Firview Nursery Licence Number: 10/41/414025 Permit Version: 100 Location: Firview Nursery Toddington Lane Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SW (SE)	273	1	503460 103560
30	**Water Abstractions** Operator: Firview Nursery Licence Number: 414025A Permit Version: Not Supplied Location: Firview Nursery, Toddington Lane, LITTLEHAMPTON Authority: Environment Agency, Southern Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Pond or Lake Daily Rate (m3): 68 Yearly Rate (m3): 511 Details: Additional Purpose: Spray Irrigation Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SW (SE)	279	1	503465 103555
31	**Water Abstractions** Operator: Yoder Toddington Ltd Licence Number: 10/41/414031 Permit Version: 101 Location: Foxdale Nursery Toddington Lane (A) Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st November 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SE (E)	411	1	503760 103720

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	**Water Abstractions** Operator: D W P Dales & Co Licence Number: 10/41/414031 Permit Version: 100 Location: Foxdale Nursery Toddington Lane (A) Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st August 1968 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SE (E)	411	1	503760 103720
32	**Water Abstractions** Operator: J A Longhurst Ltd Licence Number: 414020 Permit Version: Not Supplied Location: Black Ditch , Church Farm, LYMINSTER Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 655 Yearly Rate (m3): 9090 Details: Tributary Of Arun Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15SW (N)	534	1	503350 104450
33	**Water Abstractions** Operator: Mr K Langmead Licence Number: 10/41/414014 Permit Version: 101 Location: Black Ditch At Manor Farm Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (N)	538	1	503250 104460
33	**Water Abstractions** Operator: Mr K Langmead Licence Number: 10/41/414014 Permit Version: 100 Location: Black Ditch At Manor Farm Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 2nd April 1987 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14SE (N)	538	1	503250 104460

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	**Water Abstractions** Operator: Farfield Plants Limited Licence Number: 10/41/411012 Permit Version: 102 Location: Borehole At Sandfield Nurseries Authority: Environment Agency, Southern Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9NE (W)	640	1	502560 103960
34	**Water Abstractions** Operator: Sandfield Plant Ltd Licence Number: 10/41/411012 Permit Version: 101 Location: Borehole At Sandfield Nurseries Authority: Environment Agency, Southern Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st November 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9NE (W)	640	1	502560 103960
35	**Water Abstractions** Operator: Store Property Investments Licence Number: 414034 Permit Version: Not Supplied Location: Black Ditch, Church Farm, BODYSHOP SITE Authority: Environment Agency, Southern Region Abstraction: Impounding Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Tributary Of Arun Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Unknown	A12SW (E)	667	1	504000 103630
36	**Water Abstractions** Operator: G F Molica Esq Licence Number: 24/065 Permit Version: 100 Location: Torri House Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9NE (W)	885	1	502320 104020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	**Water Abstractions** Operator: A F Molica Esq Licence Number: 24/064 Permit Version: 100 Location: Marina House Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9NE (W)	891	1	502320 104060
37	**Water Abstractions** Operator: Mr G Molica-Franco Licence Number: 24/062 Permit Version: 103 Location: Sandfield Nursery Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9NW (W)	971	1	502240 104070
37	**Water Abstractions** Operator: Farfield Plants Limited Licence Number: 24/062 Permit Version: 102 Location: Sandfield Nursery Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9NW (W)	971	1	502240 104070
37	**Water Abstractions** Operator: Sandfield Plant Ltd Licence Number: 24/062 Permit Version: 101 Location: Sandfield Nursery Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st November 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9NW (W)	971	1	502240 104070

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	**Water Abstractions** Operator: Ministry Of Agriculture; Fisheries & Food Licence Number: 414028 Permit Version: Not Supplied Location: Former Glasshouse Crops Research Inst, LITTLEHAMPTON Authority: Environment Agency, Southern Region Abstraction: Garden Centre, Non Domestic Garden Or Horticulture Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 136 Yearly Rate (m3): 5682 Details: H5 Chalk; Licence Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Unknown	A8NW (SE)	981	1	504180 103280
38	**Water Abstractions** Operator: Ministry Of Agriculture Fisheries & Food Licence Number: 414028 Permit Version: Not Supplied Location: Former , Glasshouse Crops Research Inst, LITTLEHAMPTON Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: H5 Chalk; Licence Status: Revoked; Lapsed Or Cancelled Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Unknown	A8NW (SE)	990	1	504200 103295
	Water Abstractions Operator: P Perella Licence Number: 24/059 Permit Version: 100 Location: Glenvilla Lyminster Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 21st May 1992 Permit End Date: Not Supplied Positional Accuracy: Unknown	A9NW (W)	1055	1	502180 104190
	Water Abstractions Operator: The Norman Nurseries Ltd Licence Number: 411011 Permit Version: Not Supplied Location: Norman Nurseries, Courtwick Lane, LITTLEHAMPTON Authority: Environment Agency, Southern Region Abstraction: Garden Centre, Non Domestic Garden Or Horticulture Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 55 Yearly Rate (m3): 9092 Details: H5 Chalk Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Unknown	A9SW (W)	1116	1	502090 103645

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Yoder Toddington Ltd Licence Number: 10/41/411004 Permit Version: 101 Location: Normans Nurseries Courtwick Lane Authority: Environment Agency, Southern Region Abstraction: Horticulture and Nurseries: Animal Watering & General Use (Non Agricultural) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th October 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A9SW (W)	1124	1	502080 103660
	Water Abstractions Operator: The Normans Nurseries Ltd Licence Number: 10/41/411004 Permit Version: 100 Location: Normans Nurseries Courtwick Lane Authority: Environment Agency, Southern Region Abstraction: Horticulture and Nurseries: Animal Watering & General Use (Non Agricultural) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th July 1993 Permit End Date: Not Supplied Positional Accuracy: Unknown	A9SW (W)	1124	1	502080 103660
	Water Abstractions Operator: A M Harriott & Son Licence Number: 411102 Permit Version: Not Supplied Location: Watercourse , Broomhurst Farm, LYMINSTER Authority: Environment Agency, Southern Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 458 Yearly Rate (m3): 24999 Details: Tributary Of Arun Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SW (N)	1200	1	502880 105075
	Water Abstractions Operator: J A Longhurst Licence Number: 10/41/414020 Permit Version: 100 Location: Black Ditch At Church Farm Lyminster Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): 655 Yearly Rate (m3): 9090.8 Details: See Licence Map Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 8th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(W)	1463	1	501790 104310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr K Langmead Licence Number: 10/41/414013 Permit Version: 100 Location: Manor Farm Poling Authority: Environment Agency, Southern Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land & Buildings At Manor Farm, Poling Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 2nd April 1987 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16NE (NE)	1470	1	504630 104680
	Water Abstractions Operator: A H Bowerman & Son Ltd Licence Number: 10/41/411003 Permit Version: 100 Location: Court Wick Park Littlehampton Authority: Environment Agency, Southern Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(W)	1472	1	501720 103760
	Water Abstractions Operator: Mrs Srv Biddlecombe Licence Number: 24/060 Permit Version: 101 Location: Knucker Hole Fish Farm Authority: Environment Agency, Southern Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	1477	1	502250 105050
	Water Abstractions Operator: Mr Ainley-Smith Licence Number: 24/060 Permit Version: 100 Location: Knucker Hole Fish Farm Authority: Environment Agency, Southern Region Abstraction: Aquaculture: Fish Farm/Cress Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th June 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	1477	1	502250 105050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr K Langmead Licence Number: 10/41/411101 Permit Version: 100 Location: Ex-Radar Site At Poling Authority: Environment Agency, Southern Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land And Buildings At Manor Farm, Poling And Calcetto Farm, Lyminster Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 2nd April 1987 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20SW (NE)	1541	1	504270 105160
	Water Abstractions Operator: Keith Langmead Ltd Licence Number: 24/068 Permit Version: 1 Location: Side Channel Of The Black Ditch At Manor Farm Poling Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 16th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1905	1	505160 104590
	Water Abstractions Operator: Arc Ltd (Solent Aggregates Ltd) Licence Number: 10/41/411021 Permit Version: 100 Location: River Arun Estuary Authority: Environment Agency, Southern Region Abstraction: Construction: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th October 1997 Permit End Date: Not Supplied Positional Accuracy: Unknown	(SW)	1974	1	501910 102330
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 45 West Sussex and Surrey Scale: 1:100,000	A10NE (NE)	0	1	503284 103869
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Desination: Principal Aquifer	A10NE (NE)	0	3	503284 103869
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A10NE (NE)	0	3	503284 103869
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A11NW (NE)	172	1	503437 104062
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A11NW (NE)	185	1	503417 104082

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A11NW (NE)	220	1	503507 104082
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	A11NW (NE)	224	1	503497 104092
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A11NW (NE)	229	1	503507 104092
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A11NW (NE)	172	1	503437 104062
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A11NW (NE)	185	1	503417 104082
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Worthing Road, Littlehampton, Sussex Name: Cornfield Close Caravan Site Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD19985 First Input Date: 31st December 1960 Last Input Date: 31st December 1970 Specified Waste Type: Deposited Waste included Inert, Commercial and Household Waste EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 3800/8118 BGS Ref: Not Supplied Other Ref: WD27/153	A7NW (S)	470	1	503288 103334
40	**Historical Landfill Sites** Licence Holder: Fargo Limited Location: Toddington Lane, Littlehampton Name: Fargro Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD30517 First Input Date: 23rd August 1979 Last Input Date: 17th November 1980 Specified Waste Type: Deposited Waste included Commercial and Household Waste EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 3800/8006 BGS Ref: Not Supplied Other Ref: WD27/255, WD13/5/36	A15NW (N)	671	1	503505 104561
41	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Littlehampton, Sussex Name: Norway Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD19944 First Input Date: 31st December 1950 Last Input Date: 31st December 1960 Specified Waste Type: Deposited Waste included Industrial and Special Waste EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 3800/8085 BGS Ref: Not Supplied Other Ref: WD27/179	A12SW (E)	749	1	504076 103599
42	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: Tulley'S Nurseries Licence Number: 19665 Location: Tulley's Nurseries, Toddington Lane, Wick, Littlehampton, West Sussex, BN17 7PW Licence Holder: K C Tulley Nurseries Ltd Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied **Licence Status: Closure** Issued 10th November 1993 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A11SE (E)	561	1	503940 103803
43	**Licensed Waste Management Facilities (Locations)** Licence Number: 19665 Location: Tulley's Nurseries, Toddington Lane, Wick, Littlehampton, West Sussex, BN17 7PW Operator Name: K C Tulley Nurseries Ltd Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) **Licence Status: Closed** Issued: 10th November 1993 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SW (SE)	46	1	503400 103800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	**Licensed Waste Management Facilities (Locations)** Licence Number: 19684 Location: Littlehampton H W R C, Mill Lane, Littlehampton, West Sussex, BN17 7PH Operator Name: Viridor Waste Management Ltd Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Household Waste Amenity Sites **Licence Status: Modified** Issued: 1st September 1995 Last Modified: 11th July 2005 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10NW (NW)	411	1	502900 104200
	Local Authority Landfill Coverage Name: Arun District Council - Has no landfill data to supply		0	8	503284 103869
	Local Authority Landfill Coverage Name: West Sussex County Council - Has supplied landfill data		0	4	503284 103869
45	**Local Authority Recorded Landfill Sites** Location: Worthing Road, Land Adjoining Cornfield Close, Littlehampton Reference: JU/310/91 Authority: West Sussex County Council, Environment & Development **Last Reported Status: Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Applicable	A7NW (S)	614	4	503300 103200
46	**Registered Landfill Sites** Licence Holder: K C Tulley Nurseries Ltd Licence Reference: WSX/L1/0080 Site Location: Tulleys Nurseries, Toddington Lane, LITTLEHAMPTON, West Sussex, BN17 7PW Licence Easting: 504000 Licence Northing: 103800 Operator Location: 1 Tulley Cottages, Toddington Lane, LITTLEHAMPTON, West Sussex, BN17 7PW Authority: Environment Agency - Southern Region, Sussex Area Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: Some restriction on source of waste Status: Site Closed Dated: 10th November 1993 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Bricks, Concrete, Concrete Max.Total Deposit In Licence Stone, Chalk, Clay, Soils Prohibited Waste: Grass Cuttings High-Dens/Hard/Bonded/Cement Asbestos Paper Veg.Matter Waste Ex Sites Poll.Matl Maybe Present Waste From Skips/Demountables Waste Greater Poll.Pot'L Than Topsoil Wood	A12SW (E)	622	1	504000 103800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	**Registered Waste Transfer Sites** Licence Holder: Wyvern Waste Services Ltd Licence Reference: WSX/L1/0150/2 Site Location: Littlehampton C.A.Site, Mill Lane, Littlehampton, West Sussex, Bn17 7ph Operator Location: Chiltern House, 15-17 Silver Street, TAUNTON, Somerset, TA1 3DH Authority: Environment Agency - Southern Region, Sussex Area Site Category: Civic Amenity Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Operational as far as is knownOperational Dated: 1st September 1995 Preceded By Licence: 5/BX/90 (5/AJ/90) Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Household Waste Max.Storage In Licence Max.Waste Permitted By Licence Sanitary Towels, Nappies, Bandages Prohibited Waste: Asbestos Clinical Wastes - Except Exposive Waste Motor Vehicles Radioactive Waste W.Excav/Redev. Tips/Gaswks/Chem.Prems Waste From Businesses Waste From Gulley Emptiers Waste From Refuse Coll'N Vehicles Waste From Road Sweepers Waste From Skips Waste From Tankers	A10NW (NW)	376	1	502950 104200
47	**Registered Waste Transfer Sites** Licence Holder: West Sussex C.C. Licence Reference: 5/BX/90 (5/AJ/90) Site Location: Littlehampton C/A Site, Mill Lane, Littlehampton, West Sussex Operator Location: County Hall, CHICHESTER, West Sussex, PO19 1RH Authority: Environment Agency - Southern Region, Sussex Area Site Category: Civic Amenity Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Record supersededSuperseded Dated: 1st March 1991 Preceded By Licence: . Superseded By Licence: WSX/L1/0150/2 Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Batteries Civic Amenity / Household Waste Incl. Fridges/Freezers Paper/Cardboard Waste Scrap Metal Waste Oil	A10NW (NW)	376	1	502950 104200
47	**Registered Waste Transfer Sites** Licence Holder: West Sussex C.C. Licence Reference: . Site Location: Littlehampton C.A.Site, Mill Lane, Littlehampton, West Sussex, Bn17 7ph Operator Location: County Hall, CHICHESTER, West Sussex, PO19 1RH Authority: Environment Agency - Southern Region, Sussex Area Site Category: Civic Amenity Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Licence Status: Record supersededSuperseded Dated: Not Supplied Preceded By Licence: Not Given Superseded By Licence: 5/BX/90 (5/AJ/90) Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Non-Toxic Wastes Delivered By Public Prohibited Waste: Waste Produced In Trade Or Business	A10NW (NW)	376	1	502950 104200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	**Registered Waste Transfer Sites** Licence Holder: The Body Shop International Plc Licence Reference: WSX/L1/0008 Site Location: Watersmead Business Park, Littlehampton, West Sussex Operator Location: As Site Address Authority: Environment Agency - Southern Region, Sussex Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st April 1993 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Cardboard, Newspaper, Books Glass Max.Waste Permitted By Licence Plastic Cont'Rs, Aluminium Cans Plastic Film Textiles Prohibited Waste: Waste Containing Hazardous Mat'Ls	A5NE (SW)	766	1	502500 103500
49	**Registered Waste Treatment or Disposal Sites** Licence Holder: Mrs D E White Licence Reference: WSX/L1/0024 Site Location: Barn Works, Wick Street, Littlehampton, West Sussex Operator Location: White Lodge, Toddington Lane, Littlehampton, West Sussex Authority: Environment Agency - Southern Region, Sussex Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st March 1994 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Compressed Gas Cylinders Domestic Electrial Appliances Electric/Electronic Components Electric/Electronic Fitt.Fixture/Appl. Empty Used Containers Capacity > 25 L Ferrous Metal Scrap Lead/Acid Batteries Max.Waste Permitted By Licence Motor Vehicles Non-Ferrous Metal Scrap Prohibited Waste: Asbestos Metallic Powders Pcb'S And Analogues Percussive/Explosive/Similar Waste Special Wastes N.O.S. Sub'S Control. Radioactive Subs Act'60 Waste N.O.S. Waste React.Violently W/Water Or Air	A6SW (SW)	984	1	502700 102980

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Chalk including Red Chalk	A10NE (NE)	0	3	503284 103869
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NE (NE)	0	5	503284 103869
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NE (N)	78	5	503284 104000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NE (W)	190	5	503000 103869
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11NW (NE)	192	5	503406 104092
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11NW (NE)	210	5	503569 104000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11NW (NE)	213	5	503436 104109

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NE (NW)	215	5	503000 104000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NE (N)	232	5	503287 104153
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11NW (NE)	235	5	503598 104000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11NW (N)	236	5	503325 104153
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11NW (NE)	262	5	503448 104152
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NE (NW)	265	5	503080 104155

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NE (NW)	284	5	503000 104121
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11NE (E)	299	5	503666 104000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NE (NW)	310	5	503000 104156
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A11NW (NE)	344	5	503619 104152
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SE (NW)	372	5	503000 104232
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A6NE (S)	403	5	503242 103418

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NW (W)	421	5	502787 104000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A6NE (SW)	436	5	503000 103441
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A6NE (S)	584	5	503284 103228
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NW (E)	615	5	504000 103869
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A15NW (N)	618	5	503311 104549
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SE (NW)	620	5	503000 104506

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NW (E)	623	5	504000 104000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A6NE (SW)	631	5	503000 103231
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NW (E)	636	5	504021 103934
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NW (E)	638	5	504015 104000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SW (E)	646	5	503968 103602
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NW (E)	651	5	504000 104112

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NW (E)	651	5	504000 104112
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A9SE (W)	661	5	502534 103752
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SW (E)	672	5	504000 103615
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SW (E)	680	5	504000 103591
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A9NE (W)	689	5	502514 104000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A6SE (S)	812	5	503284 103000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NW (SE)	821	5	504000 103303
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A16SW (NE)	846	5	504000 104479
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A6SE (S)	854	5	503000 103000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NW (SE)	874	5	504000 103221
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A9NE (W)	886	5	502316 104000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A9NE (W)	929	5	502293 104119

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NE (E)	941	5	504321 104000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A16NW (NE)	979	5	504007 104655
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A16NW (NE)	981	5	504000 104663
50	**BGS Recorded Mineral Sites** Site Name: Wick Brick Works Location: , Wick, Littlehampton, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 157620 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A6NW (SW)	457	3	502856 103521
51	**BGS Recorded Mineral Sites** Site Name: Worthing Road Brickfield Location: , Wick, Littlehampton, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 16127 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: River Terrace Deposits Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A6NE (SW)	562	3	503010 103300
52	**BGS Recorded Mineral Sites** Site Name: Toddington Brickfield Location: , Littlehampton, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 16125 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: River Terrace Deposits Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7NW (S)	583	3	503325 103230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	**BGS Recorded Mineral Sites** Site Name: Worthing Road Brickfield Location: , Wick, Littlehampton, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 16126 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: River Terrace Deposits Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A6NW (SW)	719	3	502830 103210
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A10NE (NE)	0	3	503284 103869
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10NE (NE)	0	3	503284 103869
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	190	3	503408 104089
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (NE)	0	3	503284 103869
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	248	3	503406 104149
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (NE)	0	3	503284 103869
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (N)	229	3	503287 104150
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NE (NE)	0	3	503284 103869
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10NE (NE)	0	3	503284 103869
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	190	3	503408 104089
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10NE (NE)	0	3	503284 103869
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	190	3	503408 104089
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A10NE (NE)	0	3	503284 103869
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A10NE (NE)	0	3	503284 103869

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	**Contemporary Trade Directory Entries** Name: Arun Autogas Ltd Location: Hollyacre Plants, Toddington Lane, Wick, Littlehampton, West Sussex, BN17 7PP Classification: Autogas Suppliers & Installers **Status: Active** Positional Accuracy: Automatically positioned to the address	A11SW (E)	0	-	503347 103848
54	**Contemporary Trade Directory Entries** Name: Outback Trailers Location: Hollyacre, Toddington Lane, Wick, Littlehampton, West Sussex, BN17 7PP Classification: Trailers & Towing Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A11SW (E)	0	-	503347 103848
55	**Contemporary Trade Directory Entries** Name: Sussex Scaffolding Location: Hollyacre,Toddington La, Wick, Littlehampton, West Sussex, BN17 7PP Classification: Scaffolding & Work Platforms **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A11NW (NE)	46	-	503383 103946
56	**Contemporary Trade Directory Entries** Name: P S Autotechnik Ltd Location: Five Stones, Toddington Lane, Wick, Littlehampton, West Sussex, BN17 7PP Classification: Car Customisation & Conversion Specialists **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A11NW (E)	120	-	503502 103927
56	**Contemporary Trade Directory Entries** Name: C S Concrete Ltd Location: Five Stones, Toddington Lane, Wick, Littlehampton, West Sussex, BN17 7PP Classification: Concrete Contractors **Status: Active** Positional Accuracy: Automatically positioned to the address	A11NW (E)	120	-	503502 103927
56	**Contemporary Trade Directory Entries** Name: Total Paintworks Location: Five Stones, Toddington Lane, Wick, Littlehampton, West Sussex, BN17 7PP Classification: Car Body Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A11NW (E)	120	-	503502 103927
57	**Contemporary Trade Directory Entries** Name: Temple Spa Location: Toddington La, Wick, Littlehampton, West Sussex, BN17 6JX Classification: Cosmetic Manufacturers **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A11SW (S)	120	-	503338 103693
58	**Contemporary Trade Directory Entries** Name: C S Developments Ltd Location: Unit 2, Toddington Lane, Wick, Littlehampton, West Sussex, BN17 7PP Classification: Concrete Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A11NW (NE)	136	-	503457 104014
59	**Contemporary Trade Directory Entries** Name: Superior Location: Holly Dr, Wick, Littlehampton, West Sussex, BN17 6LB Classification: Window Frame Manufacturers **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A10SE (SW)	149	-	503180 103684
60	**Contemporary Trade Directory Entries** Name: Onezerofour Design Location: Unit G, Five Stone Nurseries, Toddington Lane, Wick, Littlehampton, West Sussex, BN17 7PP Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Active** Positional Accuracy: Automatically positioned to the address	A11NW (NE)	153	-	503512 103985
60	**Contemporary Trade Directory Entries** Name: Pro Design Scooter Engineering Location: Unit 4,Five Stone Nurseries,Toddington La, Wick, Littlehampton, West Sussex, BN17 7PP Classification: Motor Cycle Repairs **Status: Active** Positional Accuracy: Manually positioned to the address or location	A11NW (NE)	174	-	503502 104027

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	**Contemporary Trade Directory Entries** Name: Thermatron Location: 39, Griffin Crescent, Wick, Littlehampton, West Sussex, BN17 7LH Classification: Electronic Equipment - Manufacturers & Assemblers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A10SW (W)	276	-	502921 103774
62	**Contemporary Trade Directory Entries** Name: Total Packaging Supplies Location: Tulley Nurseries,Toddington La, Wick, Littlehampton, West Sussex, BN17 7PW Classification: Packaging & Wrapping Equipment & Supplies **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11SE (E)	293	-	503660 103796
63	**Contemporary Trade Directory Entries** Name: Oven Miracle Cleaning Co Location: 11, Gratwicke Drive, Wick, Littlehampton, West Sussex, BN17 6GU Classification: Oven cleaning **Status: Active** Positional Accuracy: Automatically positioned to the address	A11SW (SE)	315	-	503581 103593
63	**Contemporary Trade Directory Entries** Name: Ironing R Us Location: 11, Gratwicke Drive, Wick, Littlehampton, West Sussex, BN17 6GU Classification: Ironing & Home Laundry Services **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A11SW (SE)	322	-	503595 103597
64	**Contemporary Trade Directory Entries** Name: Woodside Country Furniture Location: Tulleys Nursery,Toddington Lane, Wick, Nr Arundel, Littlehampton, West Sussex, BN17 7PW Classification: Furniture Manufacturers - Home & Office **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A11SE (E)	323	-	503701 103828
65	**Contemporary Trade Directory Entries** Name: Wyvern Waste Services Ltd Location: Mill La, Wick, Littlehampton, West Sussex, BN17 7PH Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A10NW (W)	359	-	502862 104042
66	**Contemporary Trade Directory Entries** Name: Stuart Lyons Location: Windross, Worthing Road, Wick, Littlehampton, West Sussex, BN17 6LY Classification: Road Haulage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NW (SE)	489	-	503578 103376
67	**Contemporary Trade Directory Entries** Name: Lyminster Road Motor Co Location: Lyminster Rd, Wick, Littlehampton, West Sussex, BN17 7LF Classification: Car Dealers - Used **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A10SW (W)	517	-	502702 103662
68	**Contemporary Trade Directory Entries** Name: Bluelight Distributions Location: 8, Lansdowne Road, Wick, Littlehampton, West Sussex, BN17 6JQ Classification: Distribution Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A6NW (SW)	523	-	502919 103385
69	**Contemporary Trade Directory Entries** Name: Frank Clarke Location: Worthing Rd, Wick, Littlehampton, West Sussex, BN17 6JR Classification: Cabinet Makers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A6NW (SW)	527	-	502865 103418
70	**Contemporary Trade Directory Entries** Name: Cosi Ltd Location: Watersmead Business Park, Littlehampton, West Sussex, BN17 6LS Classification: Toiletries **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SE)	581	-	503799 103437

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	**Contemporary Trade Directory Entries** Name: Shell Service Station Ltd Location: Service Station, Worthing Road, Wick, Littlehampton, West Sussex, BN17 6LE Classification: Petrol Filling Stations - 24 Hour **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NE (SE)	682	-	503836 103328
72	**Contemporary Trade Directory Entries** Name: Oval Automation Location: Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7PA Classification: Electronic Engineers **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A9SE (W)	729	-	502491 103627
72	**Contemporary Trade Directory Entries** Name: Equipe Electronics Location: Unit 1-2, Martello Enterprise Centre, Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7PA Classification: Electronic Equipment - Manufacturers & Assemblers **Status: Active** Positional Accuracy: Automatically positioned to the address	A9SE (W)	750	-	502471 103619
72	**Contemporary Trade Directory Entries** Name: Roscomac Ltd Location: Roscomac, Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7LD Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SE (W)	750	-	502471 103619
72	**Contemporary Trade Directory Entries** Name: Shoreline (Uk) Ltd Location: Martello Enterprise Centre, Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7PA Classification: Refrigeration Equipment Manufacturers & Distributors **Status: Active** Positional Accuracy: Manually positioned to the address or location	A9SE (W)	768	-	502460 103596
72	**Contemporary Trade Directory Entries** Name: Studio Repro Location: Unit 3, Martello Enterprise Centre, Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7PA Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SE (W)	769	-	502446 103640
72	**Contemporary Trade Directory Entries** Name: Studio Digital Location: Unit 3, Martello Enterprise Centre, Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7PA Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SE (W)	769	-	502446 103640
72	**Contemporary Trade Directory Entries** Name: Dragon Performance (Uk) Ltd Location: Unit 3-4,Martello Enterprise Centre,Courtwick La, Wick, Littlehampton, West Sussex, BN17 7PA Classification: Car Engine Tuning & Diagnostic Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A9SE (W)	769	-	502446 103640
72	**Contemporary Trade Directory Entries** Name: Mole Media Display Solutions Location: Unit 15, Martello Enterprise Centre, Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7PA Classification: Printing Equipment Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A9SE (W)	773	-	502454 103597
72	**Contemporary Trade Directory Entries** Name: B R & D Engineering Location: Unit 6/7, Martello Enterprise Centre, Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7PA Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SE (W)	781	-	502439 103620

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	**Contemporary Trade Directory Entries** Name: Cool Blue Location: Unit 6/7, Martello Enterprise Centre, Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7PA Classification: Jewellery Manufacturers & Repairers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SE (W)	781	-	502439 103620
72	**Contemporary Trade Directory Entries** Name: Test Chambers Ltd Location: Unit 10,Martello Enterprise Centre,Courtwick La, Wick, Littlehampton, West Sussex, BN17 7PA Classification: Testing, Inspection & Calibration Equipment Manufacturers **Status: Active** Positional Accuracy: Manually positioned to the address or location	A9SE (W)	796	-	502432 103592
73	**Contemporary Trade Directory Entries** Name: Sts Communication Ltd Location: 143, Wick Street, Wick, Littlehampton, West Sussex, BN17 7JY Classification: Telecommunications Equipment & Systems **Status: Active** Positional Accuracy: Automatically positioned to the address	A6NW (SW)	747	-	502651 103316
74	**Contemporary Trade Directory Entries** Name: Comm Systems Ltd Location: Martello Enterprise Centre, Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7PA Classification: Telecommunications Equipment & Systems **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A9SE (W)	755	-	502474 103593
74	**Contemporary Trade Directory Entries** Name: Mediwin Ltd Location: Unit 12,13,Martello Enterprise Centre,Courtwick La, Wick, Littlehampton, West Sussex, BN17 7PA Classification: Chemists' & Pharmacists' Suppliers & Wholesalers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A9SE (W)	784	-	502454 103564
75	**Contemporary Trade Directory Entries** Name: Austins Location: 68, Lansdowne Road, Wick, Littlehampton, West Sussex, BN17 6JG Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A6SW (SW)	795	-	502869 103105
76	**Contemporary Trade Directory Entries** Name: Real World Print & Design Ltd Location: 108, Wick Street, Wick, Littlehampton, West Sussex, BN17 7JS Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A6NW (SW)	807	-	502679 103208
76	**Contemporary Trade Directory Entries** Name: R W P Location: 108, Wick Street, Wick, Littlehampton, West Sussex, BN17 7JS Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A6NW (SW)	807	-	502679 103208
77	**Contemporary Trade Directory Entries** Name: Arun Laundry Location: 11, North Street, Wick, Littlehampton, West Sussex, BN17 6JJ Classification: Laundries & Launderettes **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A6SW (SW)	852	-	502772 103090
77	**Contemporary Trade Directory Entries** Name: The Car Surgery Location: 9, North Street, Wick, Littlehampton, West Sussex, BN17 6JJ Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A6SW (SW)	875	-	502758 103072
78	**Contemporary Trade Directory Entries** Name: Rs Vehicle Location: 1, Amberley Close, Wick, Littlehampton, West Sussex, BN17 6HN Classification: Vehicle Inspection Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A6SE (S)	872	-	503053 102972

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	**Contemporary Trade Directory Entries** Name: Right Light Ltd Location: Unit 1, Minster Court, Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7RN Classification: Sheet Metal Work **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SE (W)	872	-	502346 103616
79	**Contemporary Trade Directory Entries** Name: G B L Location: Unit 3, Minster Court, Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7RN Classification: Disability Equipment - Manufacturers & Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	A9SE (W)	881	-	502343 103591
79	**Contemporary Trade Directory Entries** Name: G L Thermosensors Location: Unit 3, Minster Court, Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7RN Classification: Temperature Monitoring Systems Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A9SE (W)	881	-	502343 103591
79	**Contemporary Trade Directory Entries** Name: Silco Products Location: Unit 4, Minster Court, Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7RN Classification: Rubber & Plastic Products - Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A9SE (W)	886	-	502341 103579
80	**Contemporary Trade Directory Entries** Name: Wick Launuderette Location: 93, Wick Street, Wick, Littlehampton, West Sussex, BN17 7JN Classification: Laundries & Launderettes **Status: Active** Positional Accuracy: Automatically positioned to the address	A6SW (SW)	872	-	502636 103160
81	**Contemporary Trade Directory Entries** Name: Autocheck Servicing & Repairs Location: 18, Willow Brook, Wick, Littlehampton, West Sussex, BN17 7NW Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A5NE (SW)	889	-	502403 103420
82	**Contemporary Trade Directory Entries** Name: Naiad Tools Location: Unit 5, Minster Court, Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7RN Classification: Tool Design, Manufacturers & Makers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SE (W)	892	-	502339 103567
83	**Contemporary Trade Directory Entries** Name: S G Tank Insulation Location: 6, Sussex Street, Wick, Littlehampton, West Sussex, BN17 6JD Classification: Tank Cleaning & Repairing **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A6SW (SW)	903	-	502797 103020
84	**Contemporary Trade Directory Entries** Name: Sparkle Cleaners Location: 118, Timberleys, Littlehampton, West Sussex, BN17 6QF Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (SE)	938	-	504034 103164
85	**Contemporary Trade Directory Entries** Name: H D White Location: 42, Wick Street, Wick, Littlehampton, West Sussex, BN17 7JH Classification: Scrap Metal Merchants **Status: Active** Positional Accuracy: Manually positioned to the address or location	A6SW (SW)	993	-	502687 102977
86	**Contemporary Trade Directory Entries** Name: Parker Hannifin Ltd Location: New Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7RZ Classification: Electric Motor Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SW (W)	995	-	502224 103596

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	**Contemporary Trade Directory Entries** Name: Parker Ssd Drive Ltd Location: New Courtwick Lane, Wick, Littlehampton, West Sussex, BN17 7RZ Classification: Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A9SW (W)	995	-	502224 103596
87	**Contemporary Trade Directory Entries** Name: David Gillard Location: 59, Linnet Close, Wick, Littlehampton, West Sussex, BN17 7GW Classification: Wrought Ironwork **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SW (W)	997	-	502193 103847
88	**Fuel Station Entries** Name: Seaton Park Car Sales Location: Lyminster Road, Wick, LITTLEHAMPTON, West Sussex, BN17 7LF Brand: Obsolete Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Automatically positioned to the address	A10SW (W)	470	-	502725 103770
89	**Fuel Station Entries** Name: Shell Eastfield Location: Service Station, Worthing Road, Wick, Littlehampton, West Sussex, BN17 6LE Brand: SHELL Premises Type: Petrol Station **Status: Open** Positional Accuracy: Automatically positioned to the address	A7NE (SE)	682	-	503836 103328

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	**Nitrate Vulnerable Zones** Name: Not Supplied Description: NVZ Area Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A10NE (NE)	0	7	503284 103869

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Arun District Council - Environmental Health Department	July 2012	Annual Rolling Update
Horsham District Council - Environmental Health Department	June 2012	Annual Rolling Update
Worthing Borough Council - Environmental Health Department	March 2012	Annual Rolling Update
Discharge Consents		
Environment Agency - Southern Region	October 2012	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Southern Region	December 2012	Quarterly
Integrated Pollution Controls		
Environment Agency - Southern Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - Southern Region	October 2012	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Worthing Borough Council - Environmental Health Department	April 2012	Annual Rolling Update
Horsham District Council - Environmental Health Department	January 2012	Annual Rolling Update
Arun District Council - Environmental Health Department	May 2012	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Worthing Borough Council - Environmental Health Department	April 2012	Annual Rolling Update
Horsham District Council - Environmental Health Department	January 2012	Annual Rolling Update
Arun District Council - Environmental Health Department	May 2012	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Worthing Borough Council - Environmental Health Department	April 2012	Annual Rolling Update
Horsham District Council - Environmental Health Department	January 2012	Annual Rolling Update
Arun District Council - Environmental Health Department	May 2012	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Southern Region	December 2012	Monthly
Prosecutions Relating to Controlled Waters		
Environment Agency - Southern Region	December 2012	Monthly
Registered Radioactive Substances		
Environment Agency - Southern Region	October 2012	Quarterly
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - Southern Region - Solent and South Downs	October 2012	Quarterly
Environment Agency - Southern Region - Sussex Area	October 2012	Quarterly
Water Abstractions		
Environment Agency - Southern Region	October 2012	Quarterly
Water Industry Act Referrals		
Environment Agency - Southern Region	October 2012	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	September 2011	Annually
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	September 2011	Annually
Source Protection Zones		
Environment Agency - Head Office	October 2012	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	October 2012	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	October 2012	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	October 2012	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	October 2012	Quarterly
Flood Defences		
Environment Agency - Head Office	October 2012	Quarterly
Waste	**Version**	**Update Cycle**
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Southern Region - Solent and South Downs	October 2012	Quarterly
Environment Agency - Southern Region - Sussex Area	October 2012	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Solent & South Downs Area	October 2012	Quarterly
Environment Agency - Southern Region - Solent and South Downs	October 2012	Quarterly
Environment Agency - Southern Region - Sussex Area	October 2012	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - Solent & South Downs Area	October 2012	Quarterly
Environment Agency - Southern Region - Solent and South Downs	October 2012	Quarterly
Environment Agency - Southern Region - Sussex Area	October 2012	Quarterly
Local Authority Landfill Coverage		
Arun District Council - Technical Support Unit	May 2000	Not Applicable
Horsham District Council - Environmental Health Department	May 2000	Not Applicable
West Sussex County Council - Environment & Development	May 2000	Not Applicable
Worthing Borough Council - Planning Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Arun District Council - Technical Support Unit	May 2000	Not Applicable
Horsham District Council - Environmental Health Department	May 2000	Not Applicable
West Sussex County Council - Environment & Development	May 2000	Not Applicable
Worthing Borough Council - Planning Department	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	October 2012	Bi-Annually
Explosive Sites		
Health and Safety Executive	June 2012	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Worthing Borough Council - Planning Department	April 2012	Annual Rolling Update
Arun District Council - Technical Support Unit	August 2012	Annual Rolling Update
Horsham District Council - Planning Department	November 2012	Annual Rolling Update
West Sussex County Council - Environment & Development	October 2006	Annual Rolling Update
Planning Hazardous Substance Consents		
Worthing Borough Council - Planning Department	April 2012	Annual Rolling Update
Arun District Council - Technical Support Unit	August 2012	Annual Rolling Update
Horsham District Council - Planning Department	November 2012	Annual Rolling Update
West Sussex County Council - Environment & Development	October 2006	Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	October 2012	Bi-Annually
Brine Compensation Area		
Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Mining Report Service	January 2012	As notified
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	As notified

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	August 2012	Quarterly
Fuel Station Entries Catalist Ltd - Experian	August 2012	Quarterly
Sensitive Land Use	**Version**	**Update Cycle**
Areas of Outstanding Natural Beauty Natural England	July 2012	Bi-Annually
Environmentally Sensitive Areas Natural England	February 2012	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	November 2012	Bi-Annually
Marine Nature Reserves Natural England	August 2012	Bi-Annually
National Nature Reserves Natural England	February 2012	Bi-Annually
National Parks Natural England	August 2012	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Annually
Ramsar Sites Natural England	August 2012	Bi-Annually
Sites of Special Scientific Interest Natural England	August 2012	Bi-Annually
Special Areas of Conservation Natural England	August 2012	Bi-Annually
Special Protection Areas Natural England	August 2012	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Countryside Council for Wales	
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
Ove Arup	
Peter Brett Associates	

Useful Contacts

Contact	Name and Address	Contact Details
1	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	**Arun District Council - Environmental Health Department** Civic Centre, Maltravers Road, Littlehampton, Sussex, BN17 5LF	Telephone: 01903 737696 Fax: 01903 723936 Email: Environment@arun.gov.uk Website: www.arun.gov.uk
3	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	**West Sussex County Council - Environment & Development** County Hall, Tower hall, Chichester, West Sussex, PO19 1RH	Telephone: 01243 777100 Website: www.westsussex.gov.uk
5	**Landmark Information Group Limited** 5 - 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Telephone: 01392 441761 Fax: 01392 441709 Email: cssupport@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk
6	**Natural England** Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
7	**Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)** Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
8	**Arun District Council - Technical Support Unit** Civic Centre, Maltravers Road, Littlehampton, Sussex, BN17 5LF	Telephone: 01903 737500 Fax: 01903 730442 Website: www.arun.gov.uk
-	**Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	**Landmark Information Group Limited** The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / SEPA have a charging policy in place for enquiries.

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Holocene - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SUPNM	Superficial Theme Not Mapped [For Digital Map Use Only]	Unknown/Unclassified Entry	Not Applicable - Not Applicable
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	RTDU	River Terrace Deposits (Undifferentiated)	Sand, Silt and Clay	Quaternary - Quaternary
	RBD1	Raised Beach Deposits, 1	Sand and Gravel	Quaternary - Quaternary
	RMD	Raised Marine Deposits	Clay, Silt, Sand and Gravel	Quaternary - Quaternary
	HEAD	Head	Clay, Silt, Sand and Gravel	Quaternary - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Clay, Silt and Sand	Eocene - Eocene
	LMBE	Lambeth Group	Clay, Silt and Sand	Paleocene - Paleocene
	NPCH	New Pit Chalk Formation	Chalk	Turonian - Turonian
	LPCK	Lewes Nodular Chalk Formation, Seaford Chalk Formation, Newhaven Chalk Formation, Culver Chalk Formation and Portsdown Chalk Formation (Undifferentiated)	Chalk	Campanian - Turonian

OPUS

Geology 1:50,000 Maps

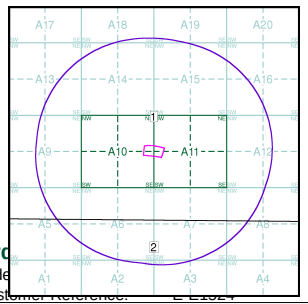
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	**1**	**Map ID:**	**2**
Map Sheet No:	**317**	**Map Sheet No:**	**332**
Map Name:	**Chichester and I**	**Map Name:**	**Chichester and I**
Map Date:	**1996**	**Map Date:**	**1996**
Bedrock Geology:	**Available**	**Bedrock Geology:**	**Available**
Superficial Geology:	**Available**	**Superficial Geology:**	**Available**
Artificial Geology:	**Available**	**Artificial Geology:**	**Available**
Faults:	**Available**	**Faults:**	**Available**
Landslip:	**Available**	**Landslip:**	**Available**
Rock Segments:	**Not Available**	**Rock Segments:**	**Not Available**

Geology 1:50,000 Maps - Slice A



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Custo[illegible]: [illegible]

National Grid Reference: 503280, 103870

Slice: A

Site Area (Ha): 1.69

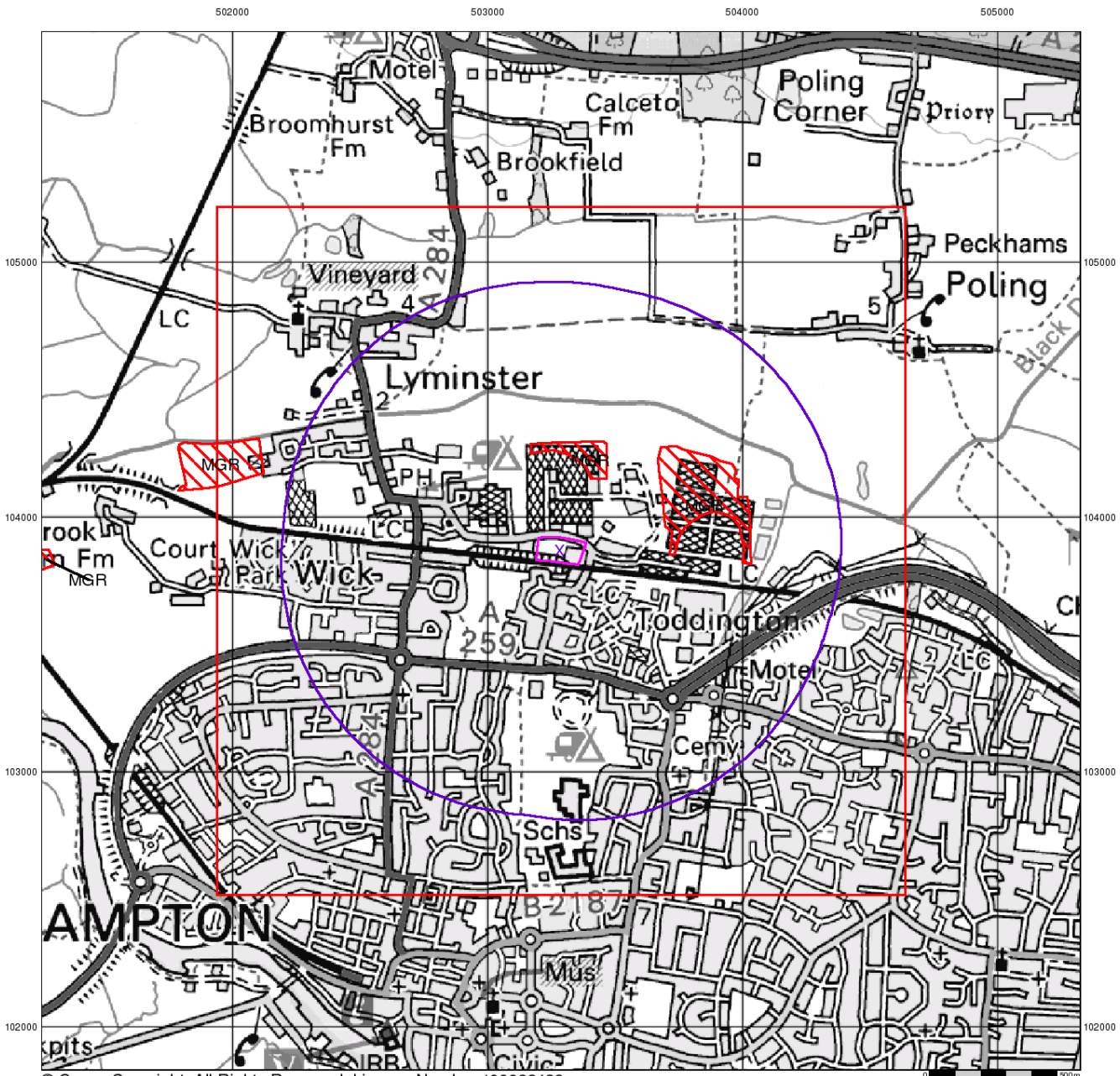
Search Buffer (m): 1000

Site Details:

Hollyacre Workshop, Toddington Lane, Wick, Littlehampton, BN17 7PP

Landmark Information Group

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Artificial Ground and Landslip

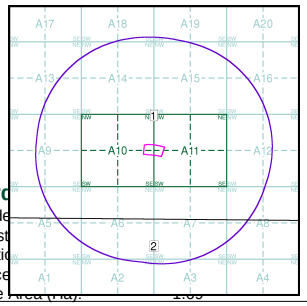
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A





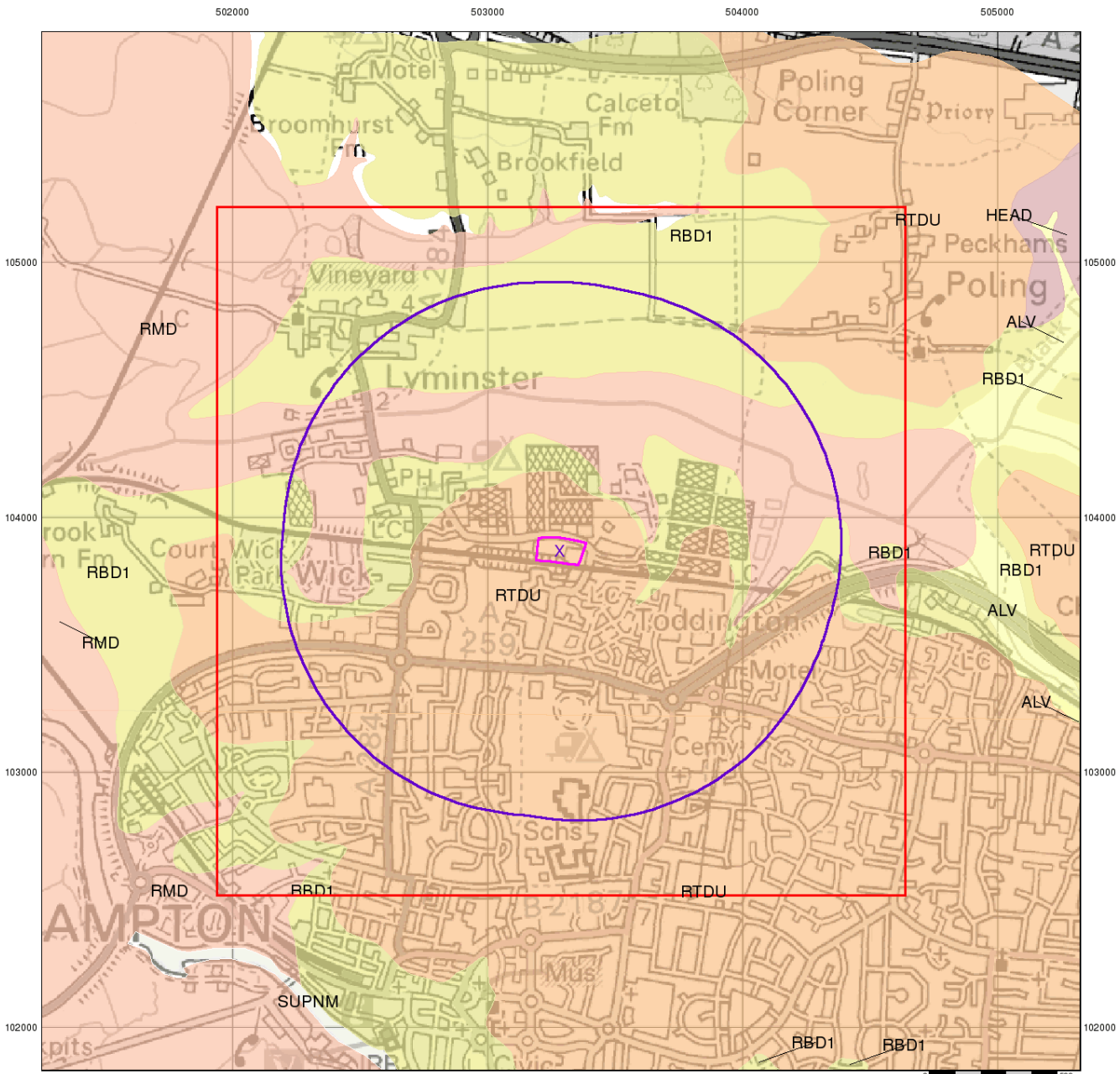
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Site

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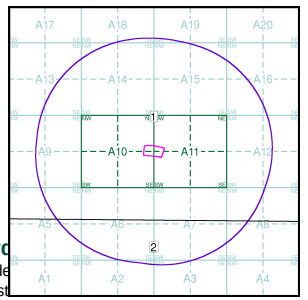
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



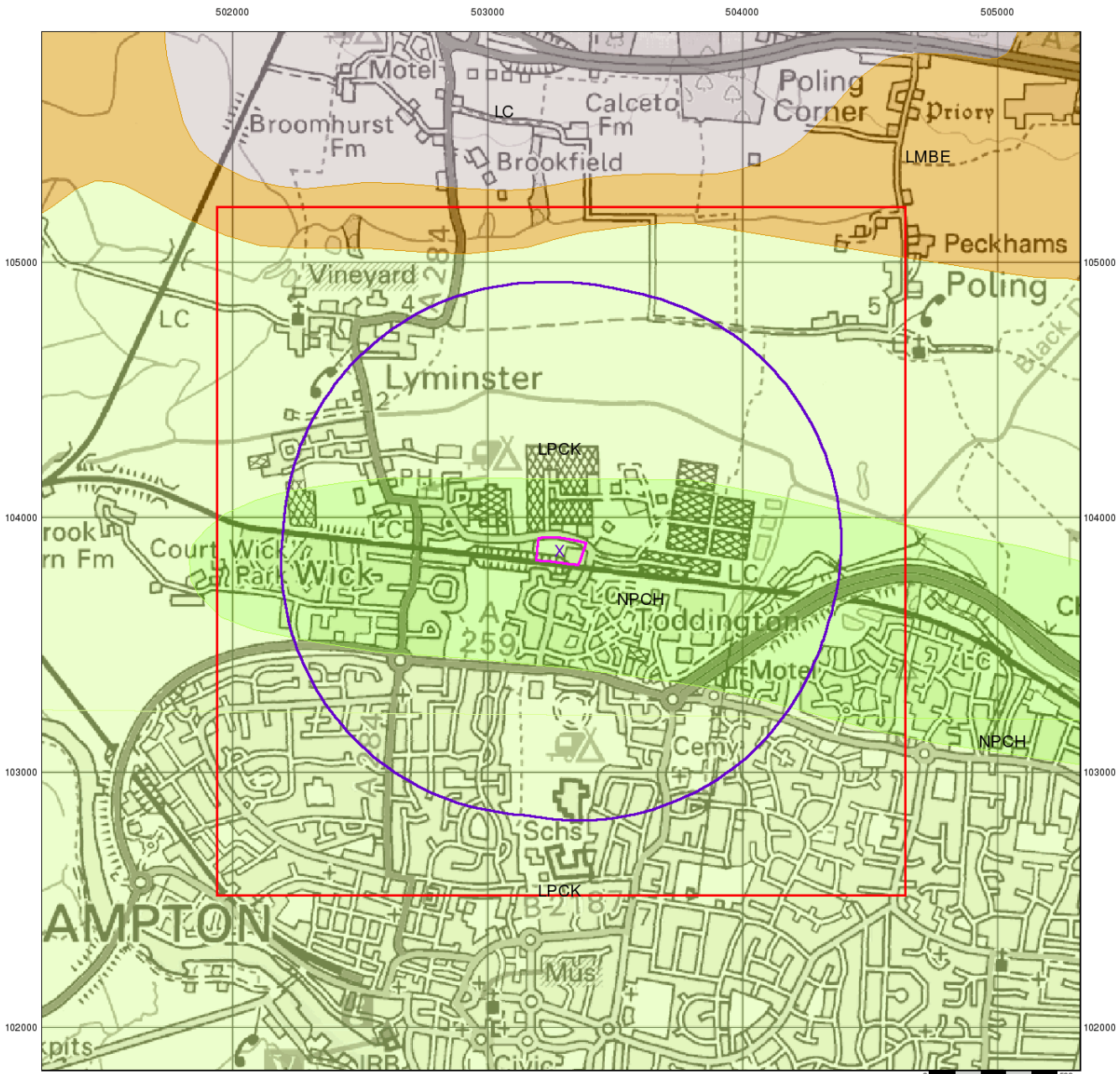
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National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	1000

Site Details:

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Bedrock and Faults

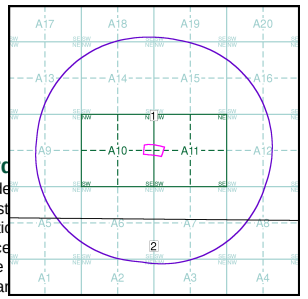
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



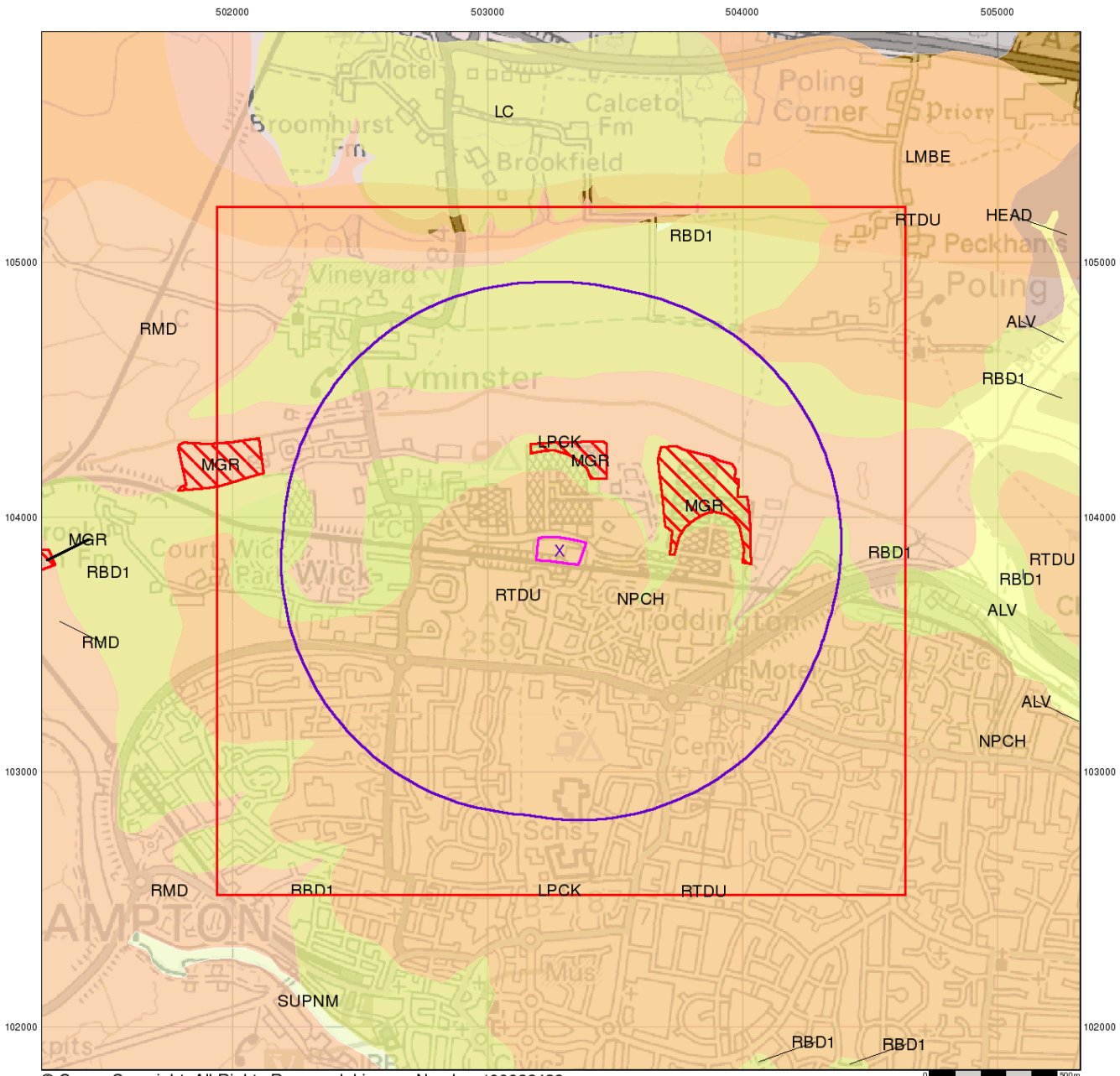


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Site Details:

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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

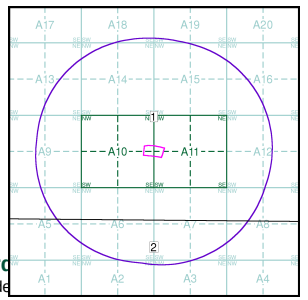
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A

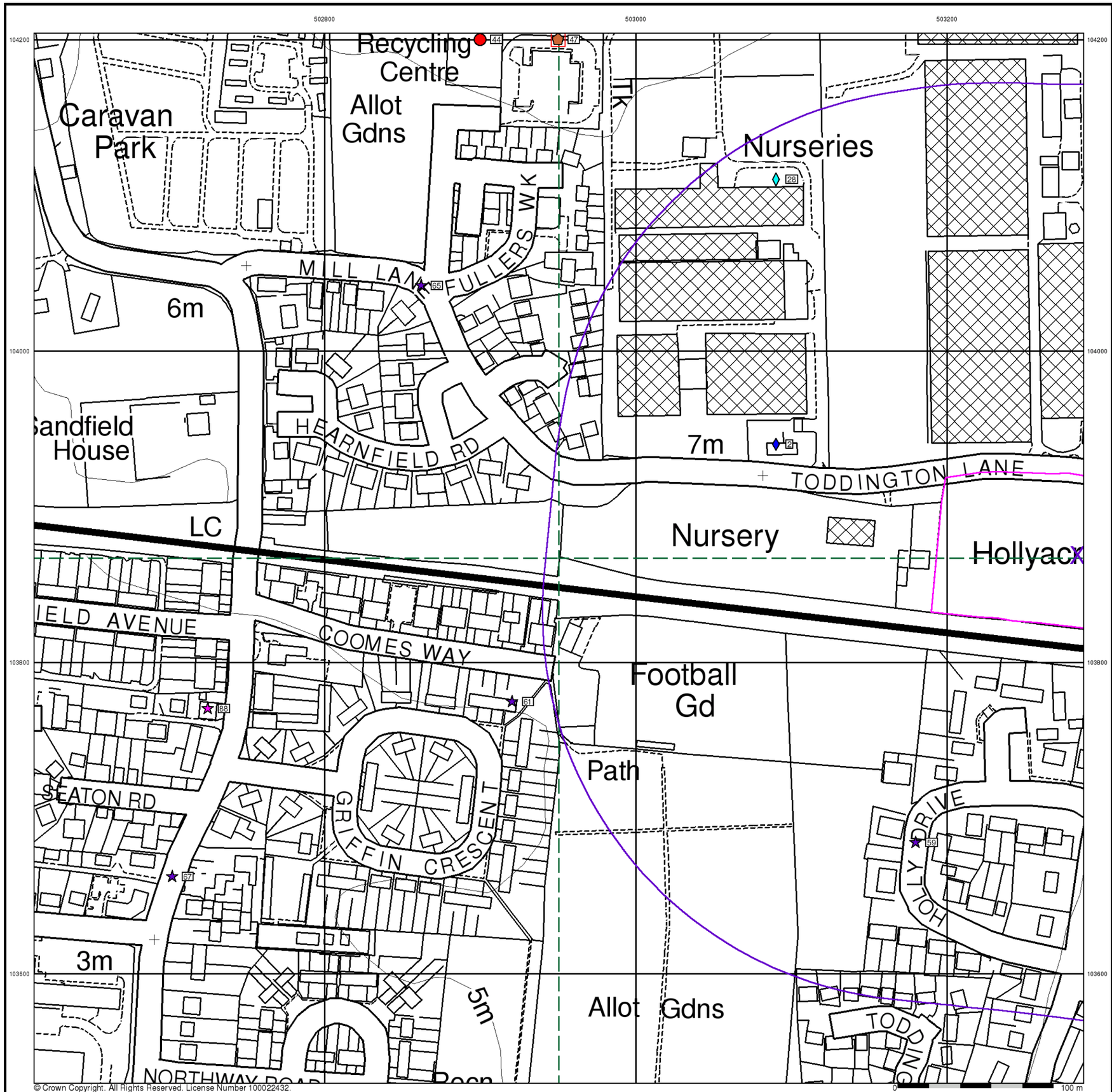


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Customer Reference:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	1000

Site Details:

Hollyacre Workshop, Toddington Lane, Wick, Littlehampton, BN17 7PP



OPUS

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

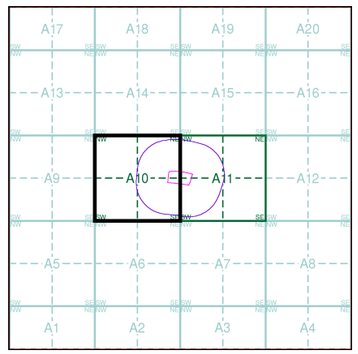
Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Site Sensitivity Map - Segment A10



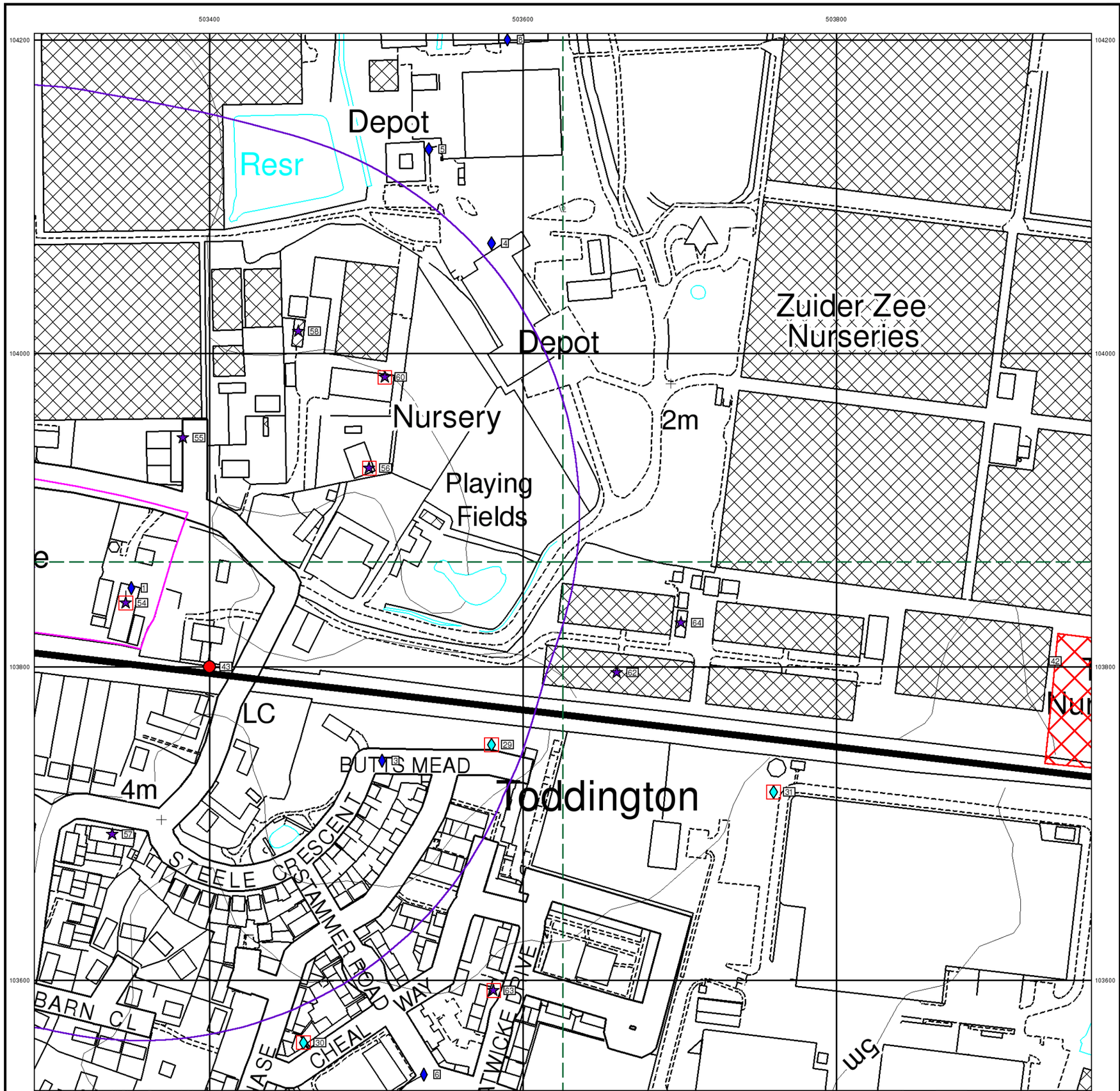
Order Details

Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69

Site Details

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Landmark Information Group
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Web: www.envirocheck.co.uk



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OPUS

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

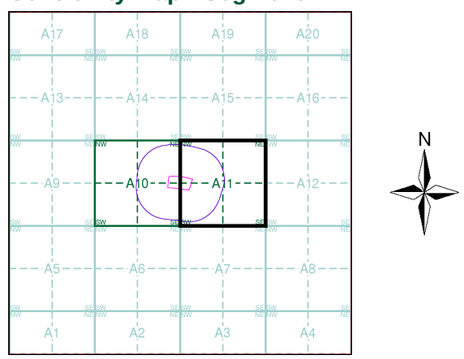
Waste

- BGS Recorded Landfill Site (Location)
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- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
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- Local Authority Recorded Landfill Site
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- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Site Sensitivity Map - Segment A11



Order Details

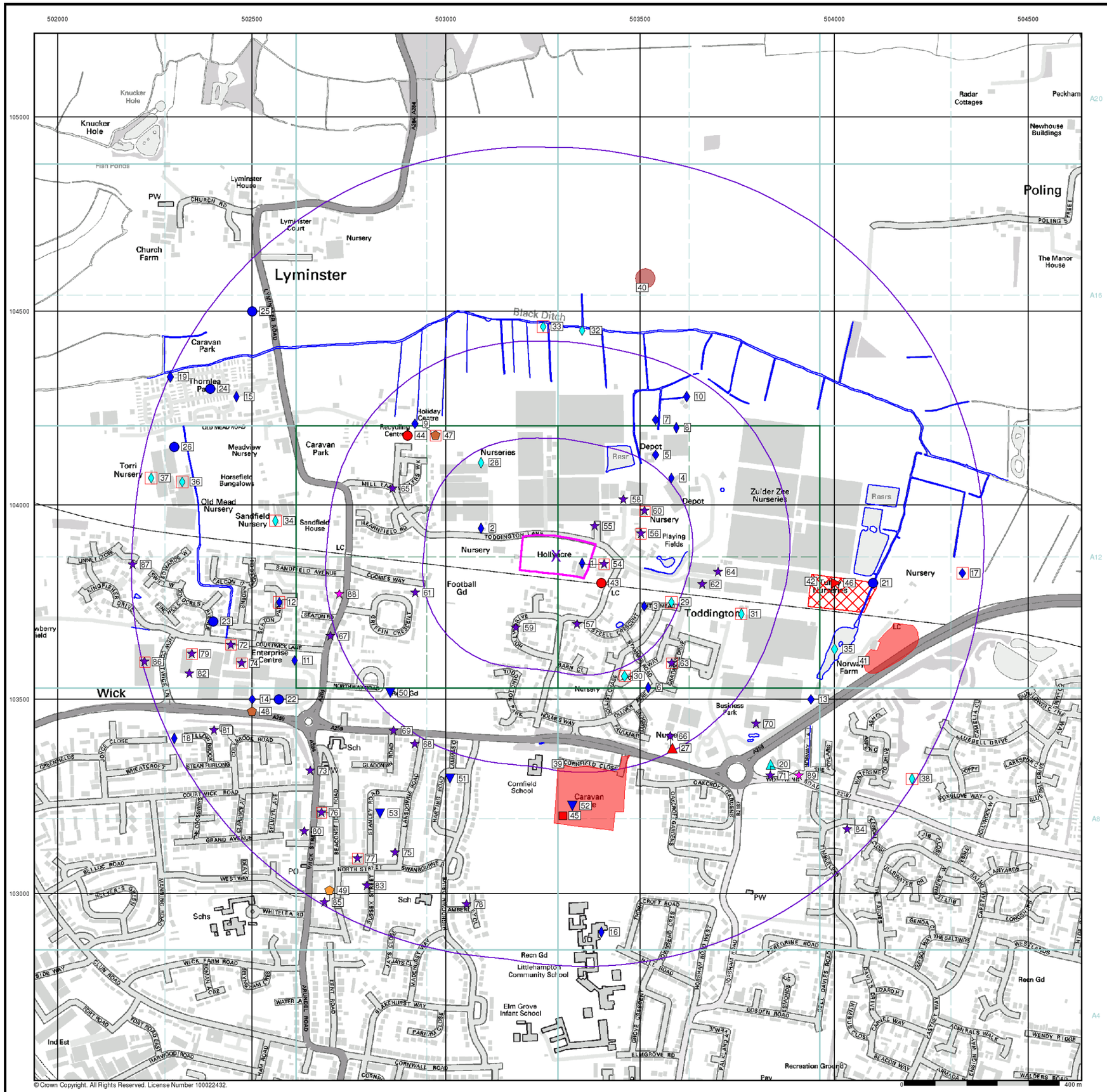
Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69

Site Details

Hollyacre Workshop, Toddington Lane, Wick, Littlehampton, BN17 7PP

Landmark Information Group

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Fax: 0844 844 9951
Web: www.envirocheck.co.uk



OPUS

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
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- Enforcement or Prohibition Notice
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- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
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- Pollution Incident to Controlled Waters
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- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

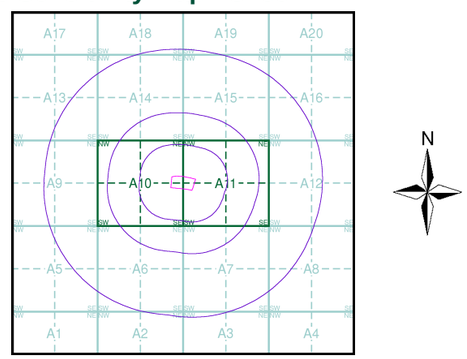
Waste

- BGS Recorded Landfill Site (Location)
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- EA Historic Landfill (Polygon)
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- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Site Sensitivity Map - Slice A



Order Details

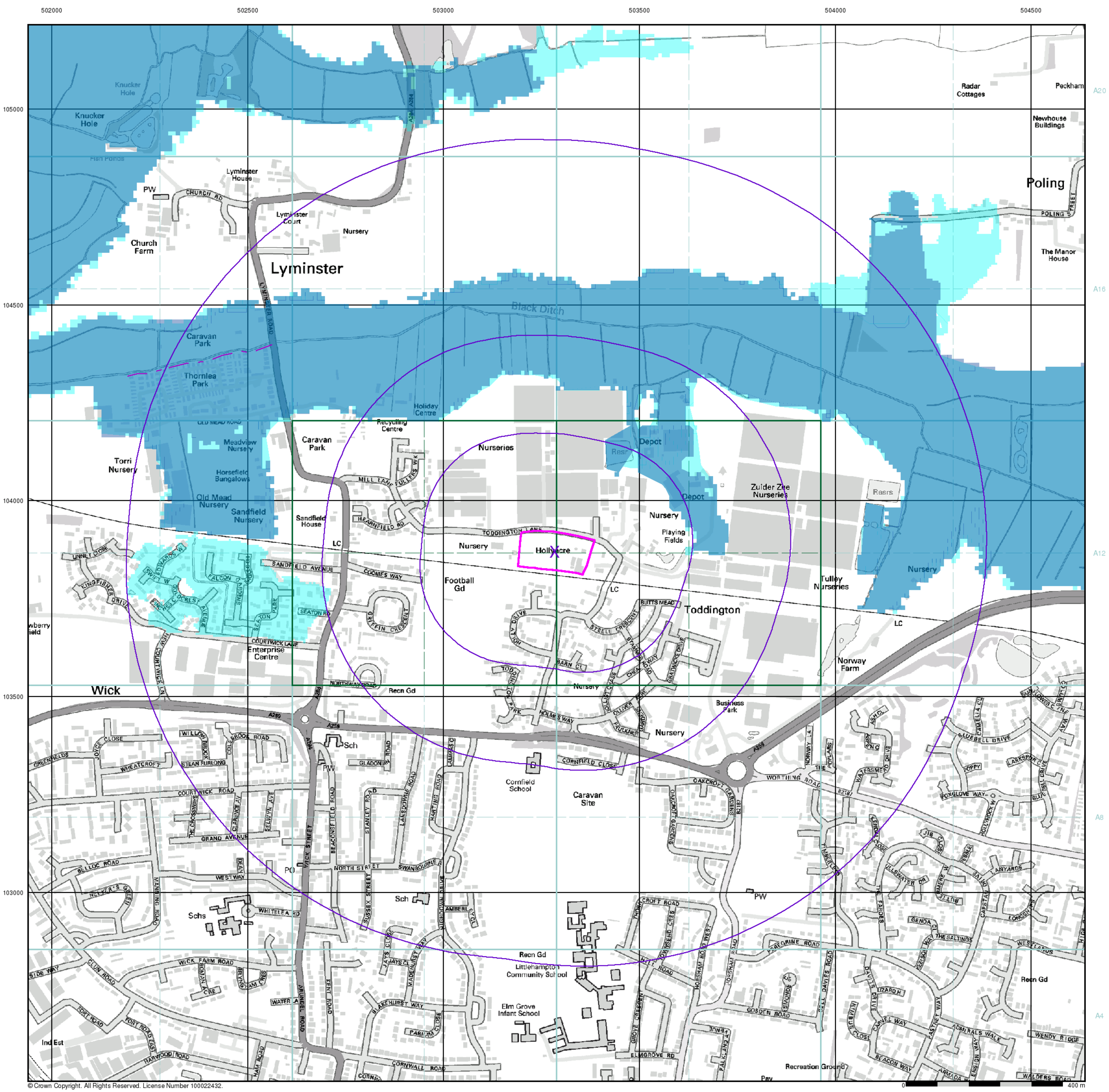
Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	1000

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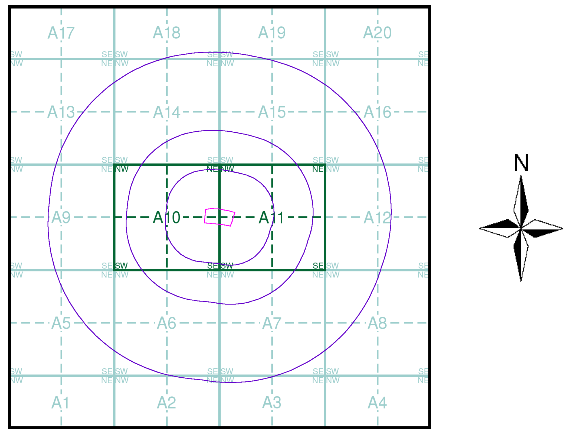
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



Order Details

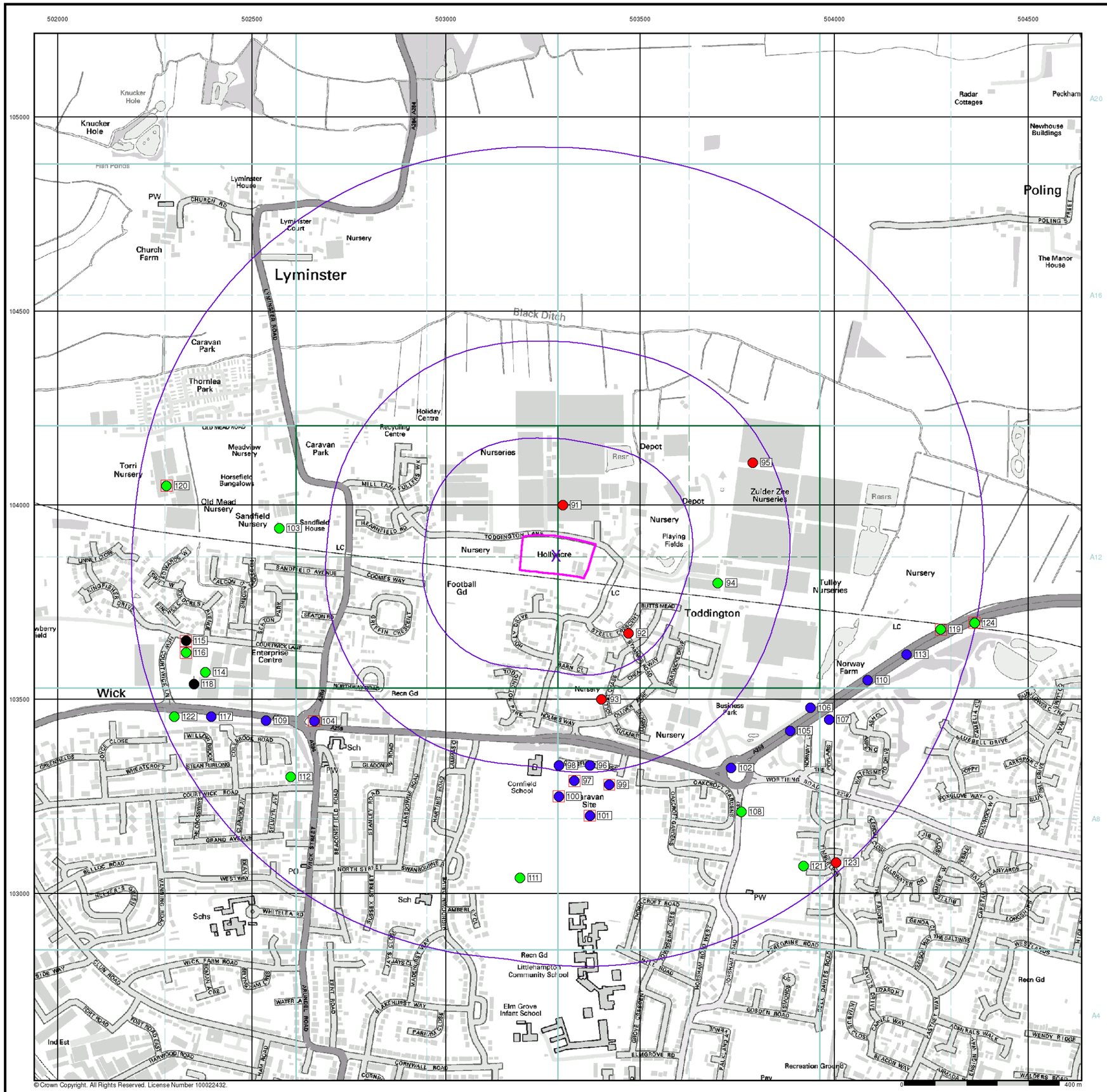
Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	1000

Site Details

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Fax: 0844 844 9951
Web: www.envirocheck.co.uk

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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

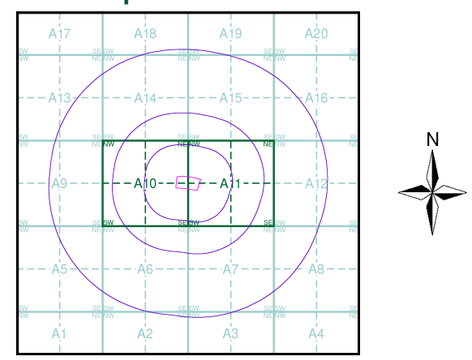
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

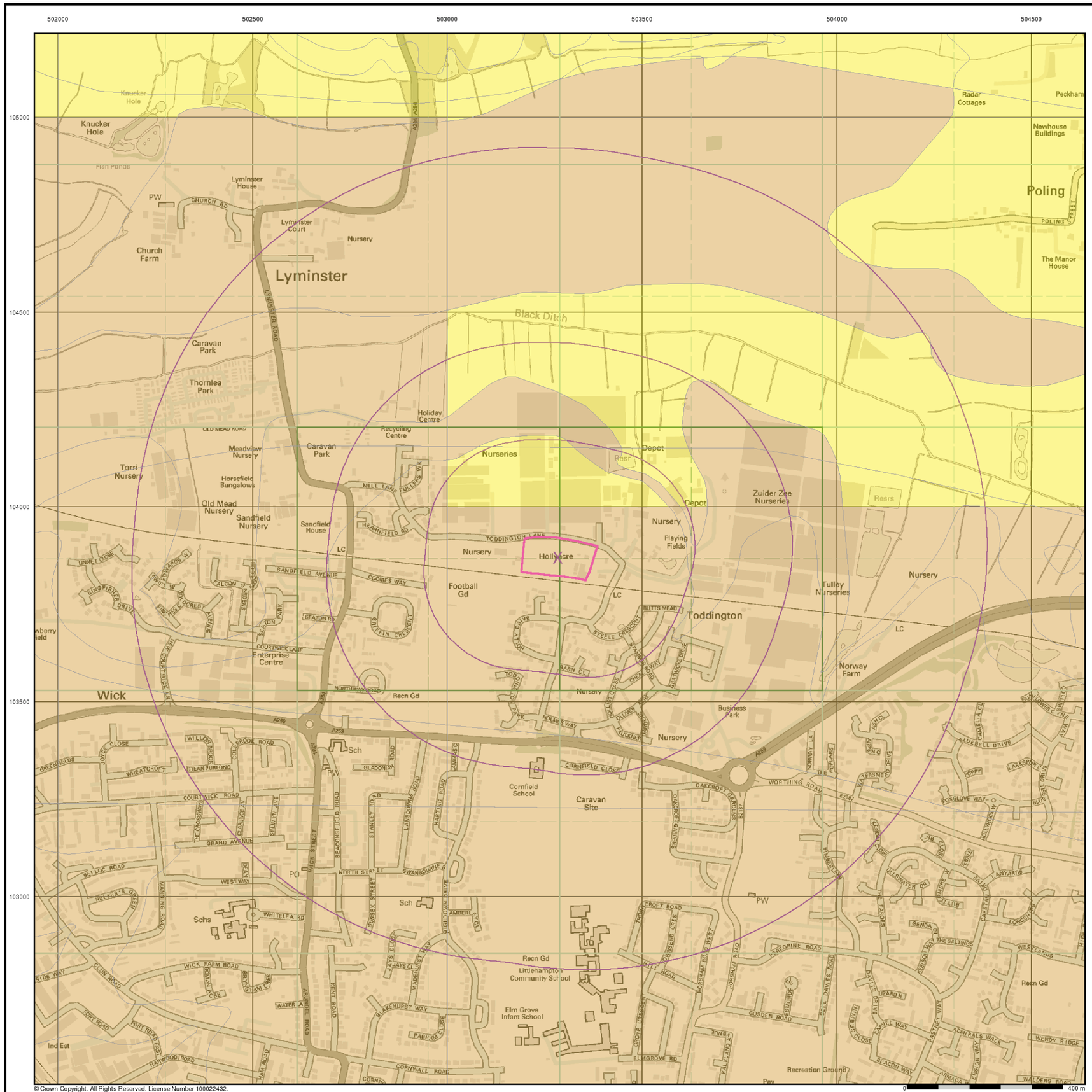
Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	1000

Site Details

Hollyacre Workshop, Toddington Lane, Wick, Littlehampton, BN17 7PP

Landmark Information Group

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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General

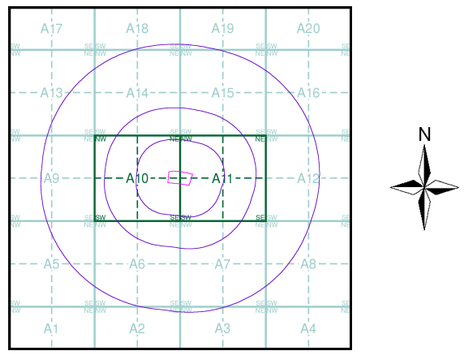
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details:	43199444_1_1
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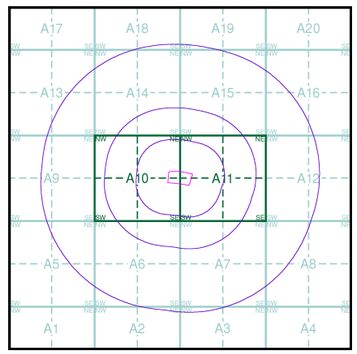
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

	< 1.8
	1.8 - 2.2
	2.2 - 3.0
	> 3.0

Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details:	43199444_1_1
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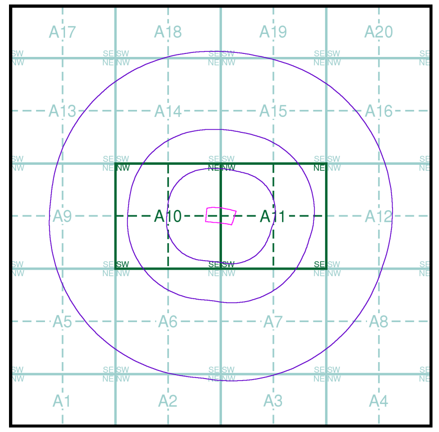
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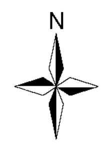
Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice A





Order Details

Order Details:	43199444_1_1
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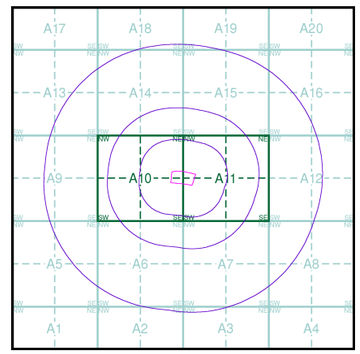
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- < 150
- 150 - 300
- 300 - 600
- 600 - 900
- > 900

Estimated Soil Chemistry Lead - Slice A



Order Details

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General

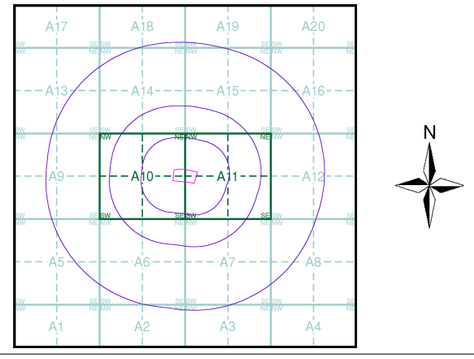
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details:	43199444_1_1
Customer Ref:	E-E1524
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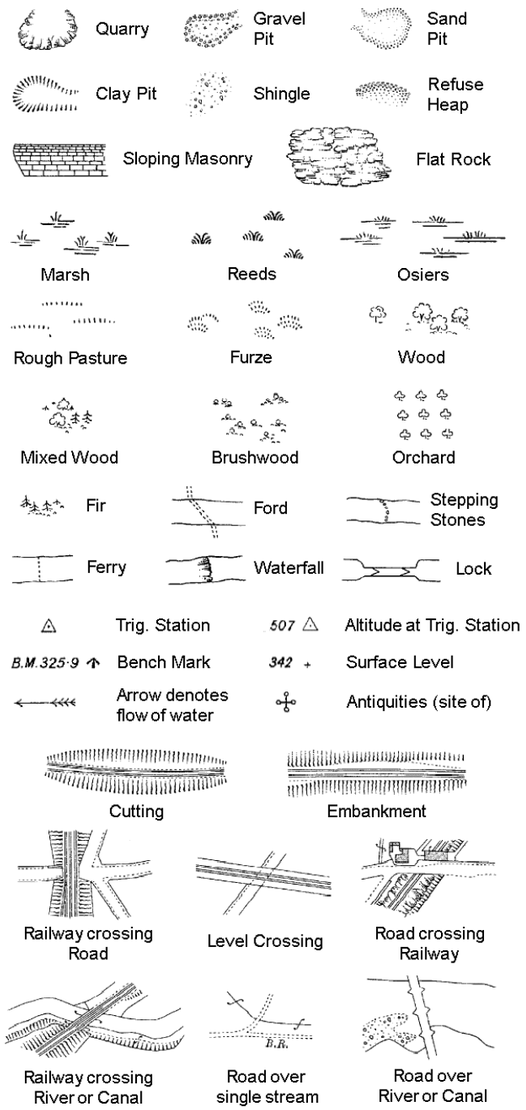
Appendix D:

Historical OS Maps

ARUN DISTRICT COUNCIL LU/116/13/

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County Boundary (Geographical)

County & Civil Parish Boundary

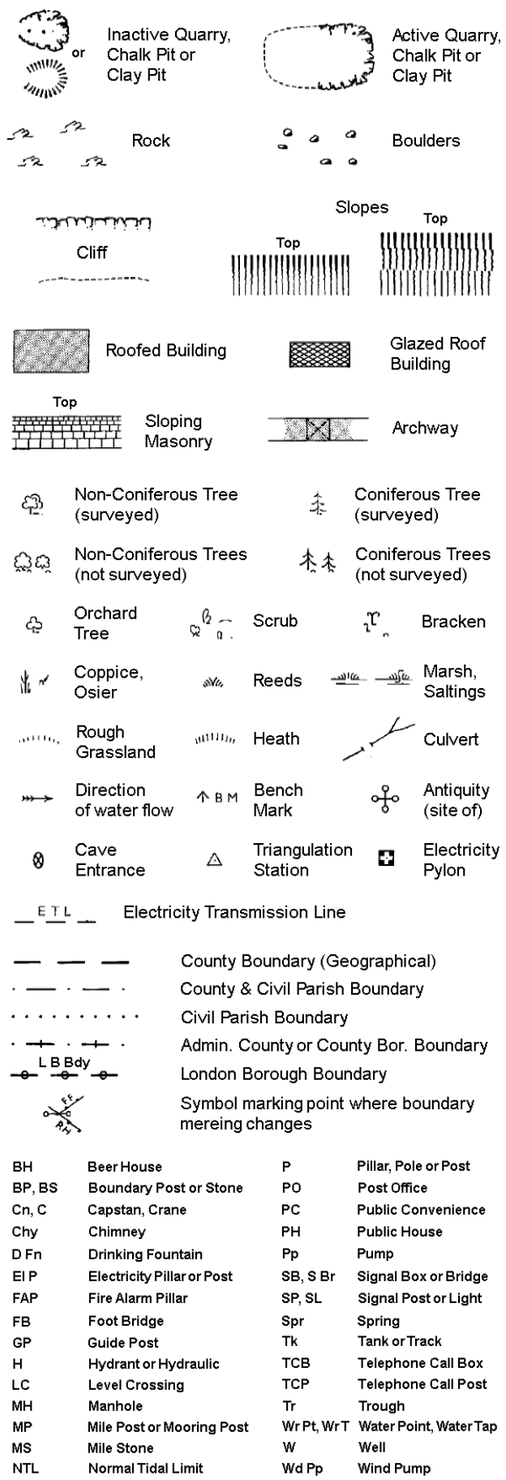
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

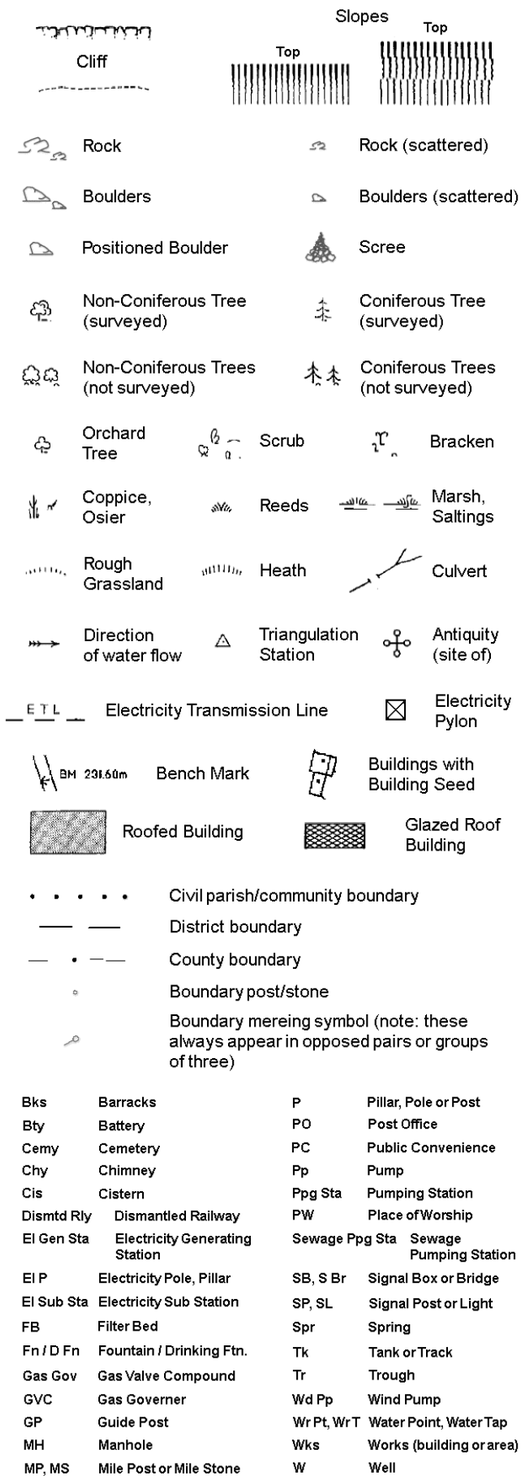
Admin. County or County Bor. Boundary

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
El P	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
H	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

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Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

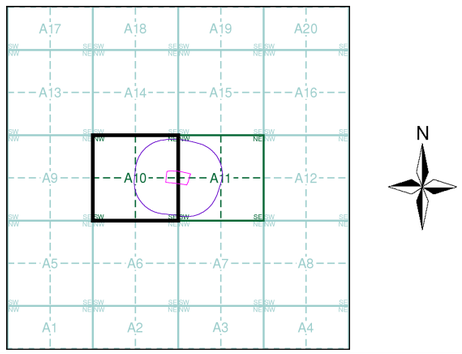
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	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 Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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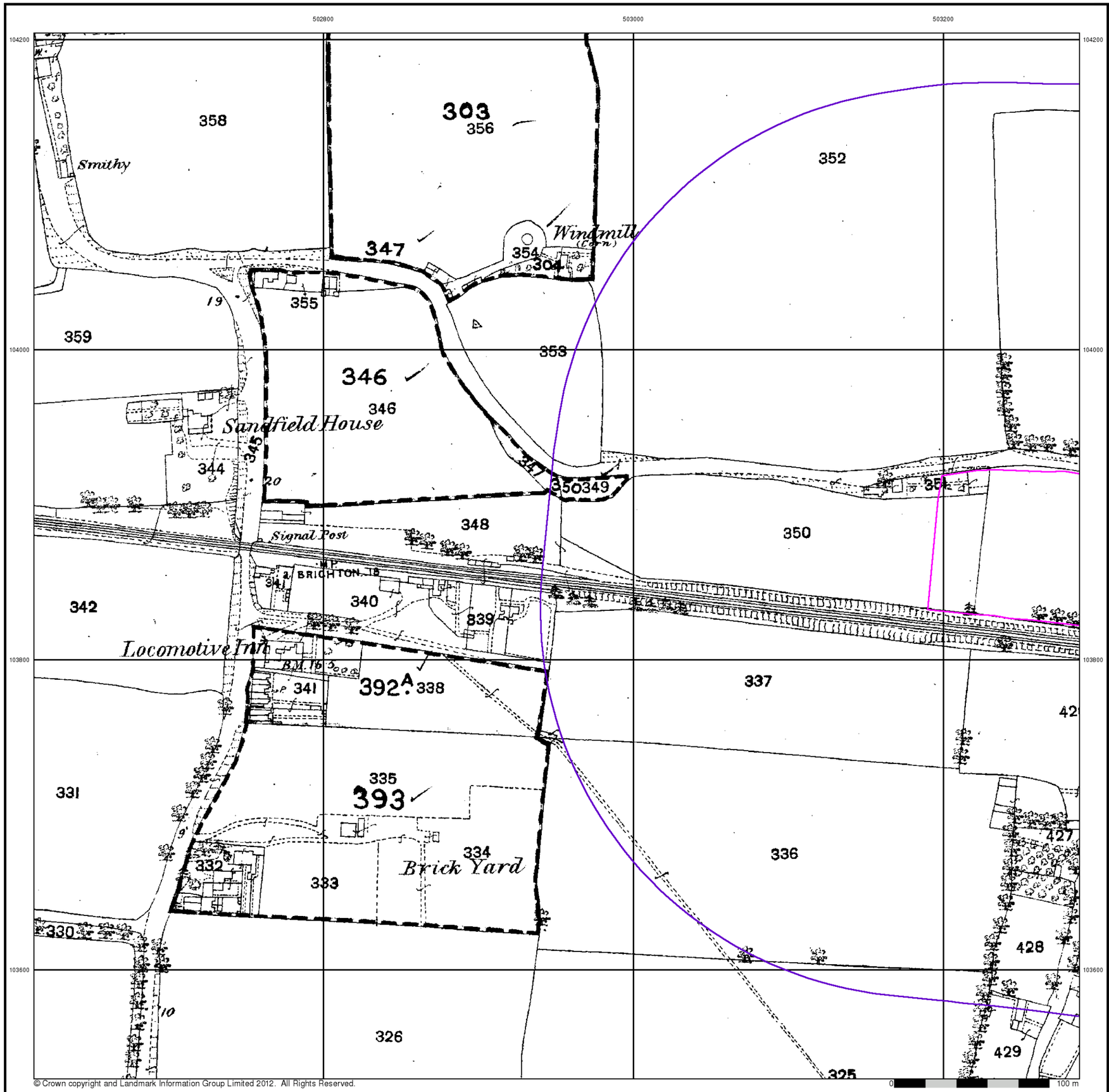
Order Number: 43199444_1_1
Customer Ref: E-E1524
National Grid Reference: 503280, 103870
Slice: A
Site Area (Ha): 1.69
Search Buffer (m): 250

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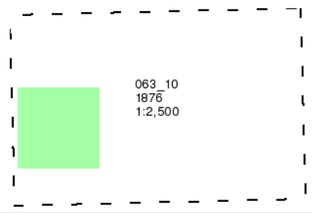
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Surveyed 1870s

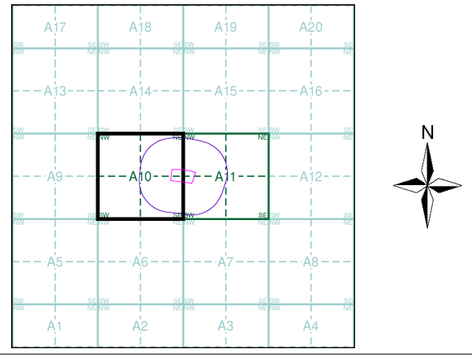
Source map scale: 1:2,500

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.

Mapping Boundaries



Historical Mapping



Order Details

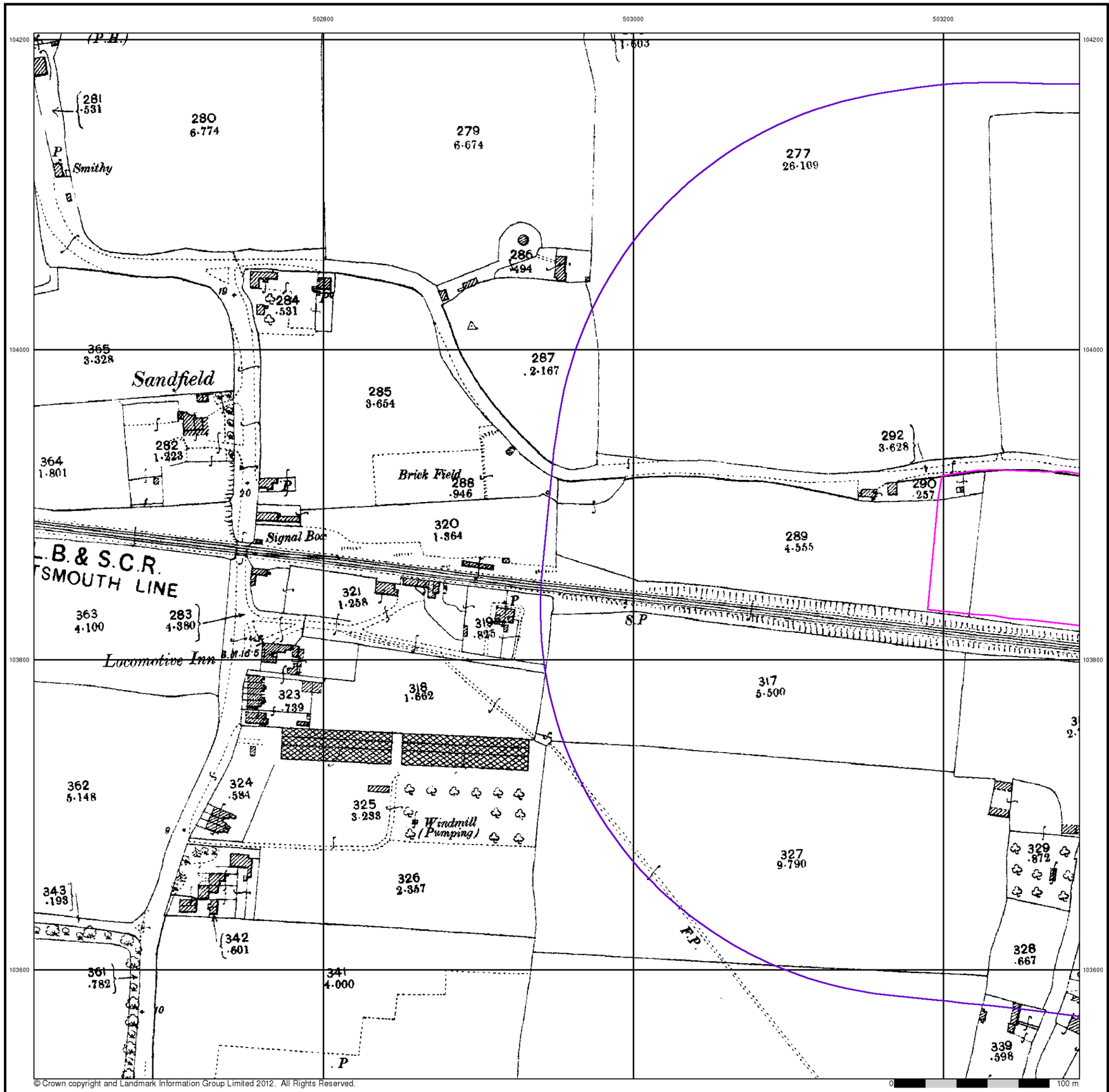
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Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
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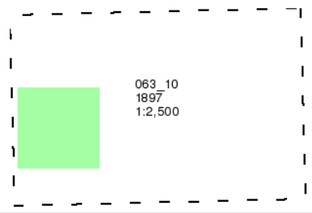
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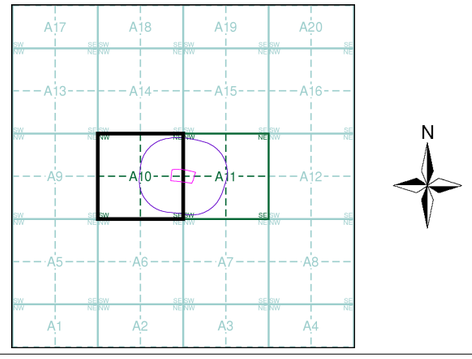
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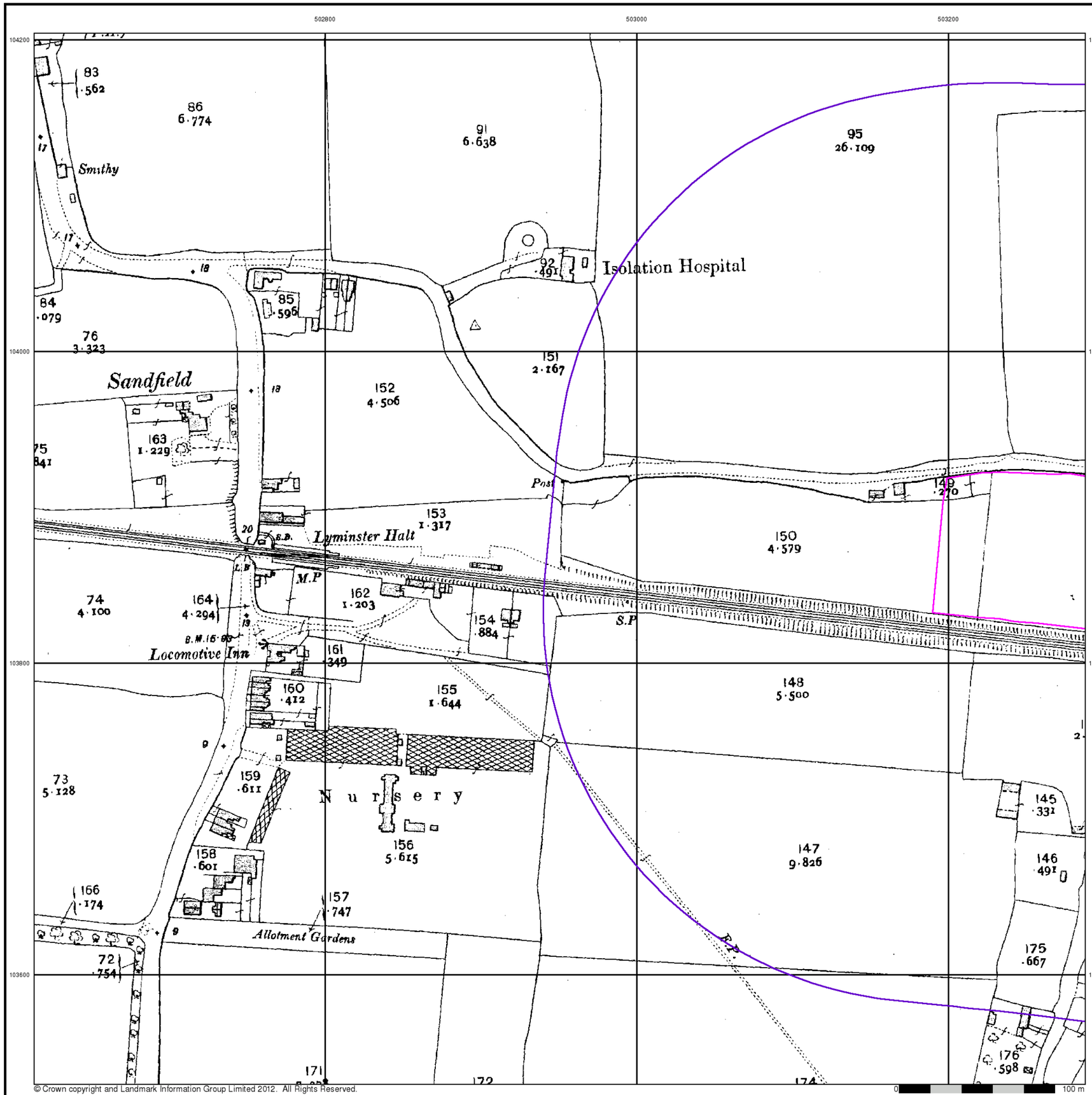
Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	250

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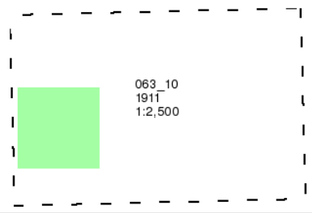
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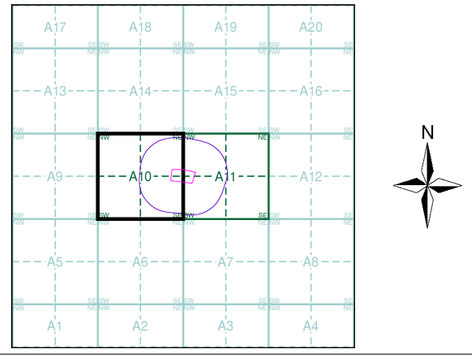
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered 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.

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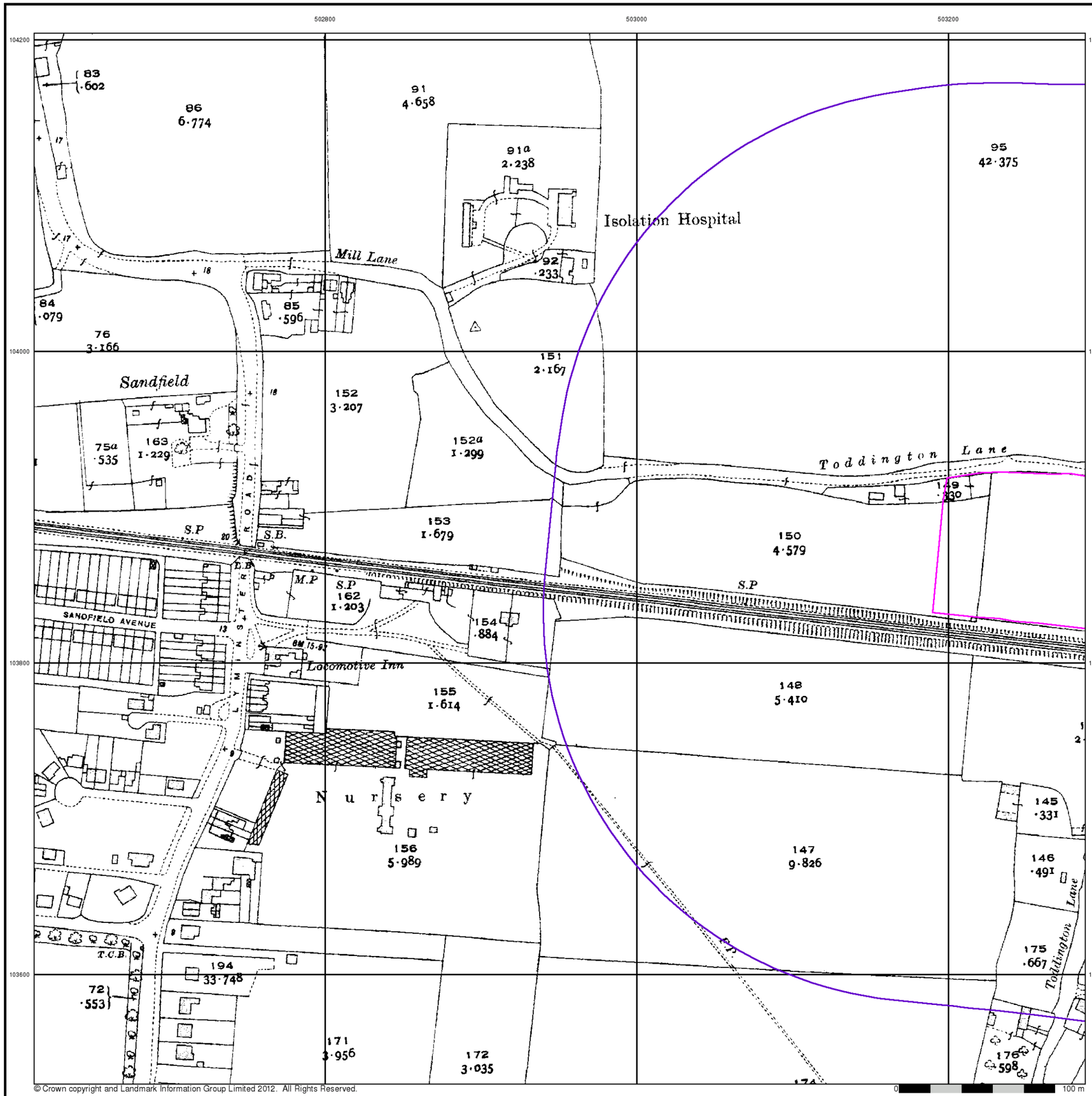
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Order Number:	43199444_1_1
Customer Ref:	E-E1524
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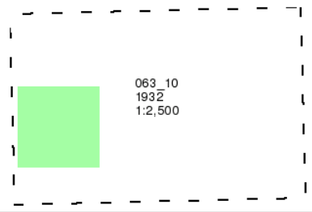
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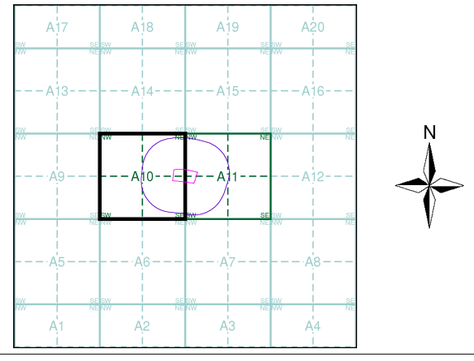
Source [illegible]

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.

Mapping extends



Historical Mapping



Order Details

Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	250

Site Details

Hollyacre Workshop, Toddington Lane, Wick, Littlehampton, BN17 7PP

Landmark Information Group
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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OPUS

Ordnance Survey Publication Date

Surveyed 1958 to 1969

Source Map Scale: 1:1,250

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.

Mapping Boundaries

TQ0203NE
1958
1:1,250

TQ0303NW
1969
1:1,250

Historical Mapping Sheet Index

A17 A18 A19 A20
A13 A14 A15 A16
A9 A10 A11 A12
A5 A6 A7 A8
A1 A2 A3 A4

N

Order Details

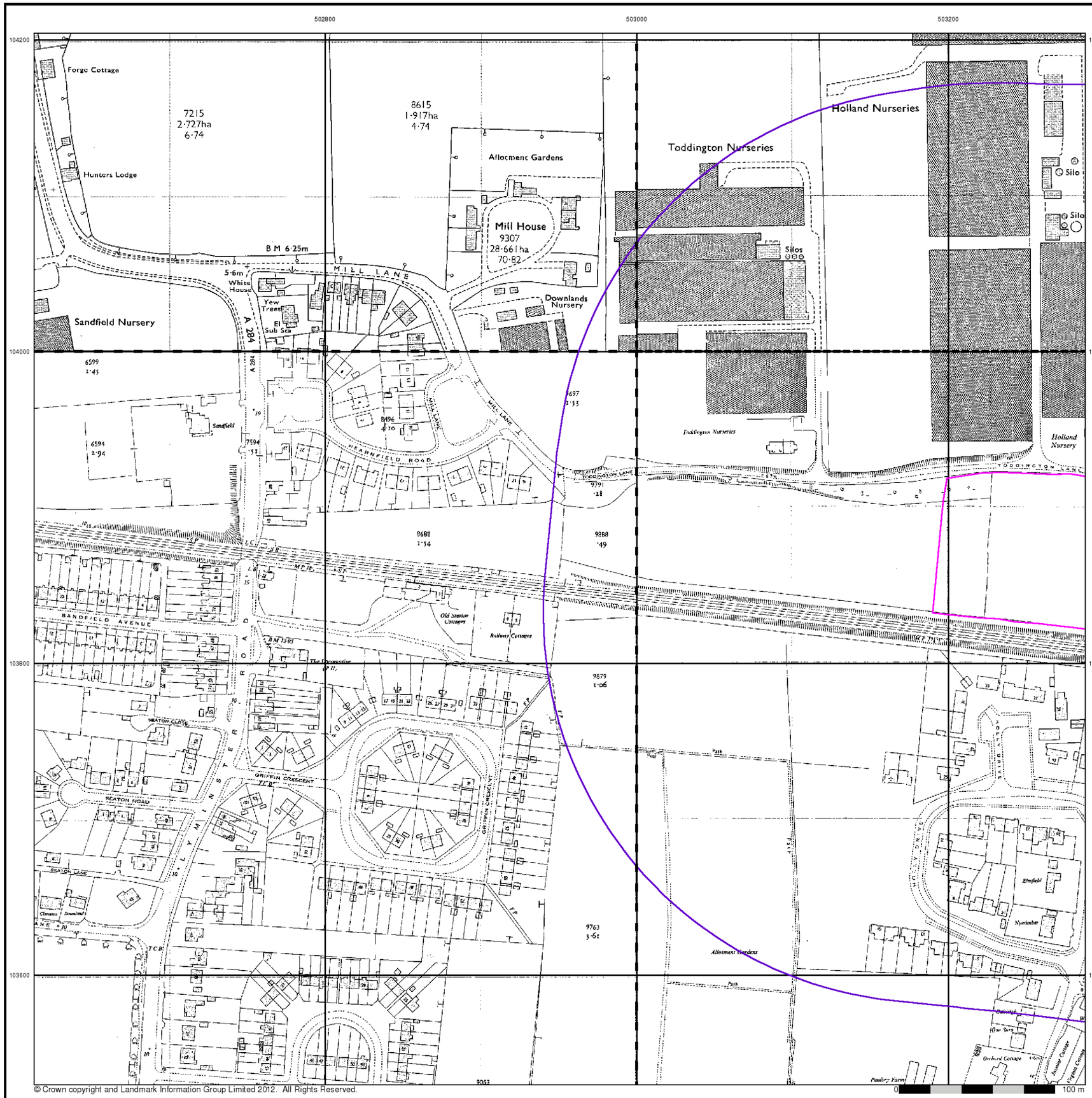
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Customer Ref:	E-E1524
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Site Area (Ha):	1.69
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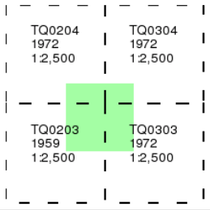
OPUS

Ordnance Survey Publication Date

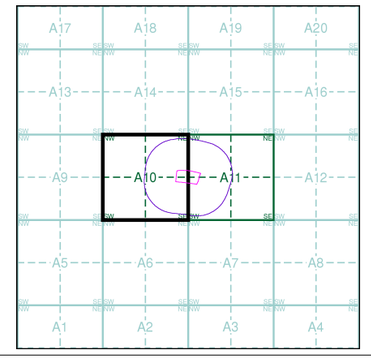
Published Survey Publication Date: 1972

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.

Mapsheet Extents



Historical Mapsheet Extents



Order Details

Order Number:	43199444_1_1
Customer Ref:	E-E1524
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Slice:	A
Site Area (Ha):	1.69
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OPUS

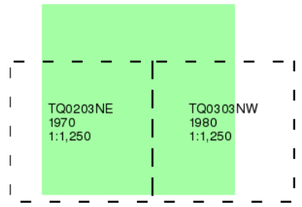
Ordnance Survey Publication Date

Published Mapping

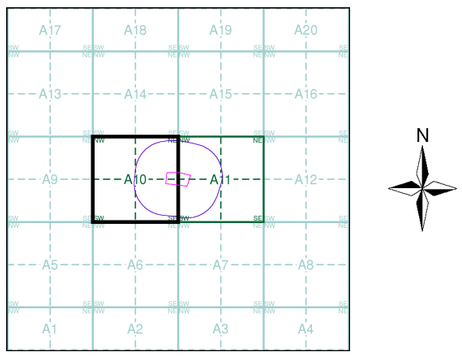
Source Map Scale: 1:1,250

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 Extents



Historical Map Sheet Index



Order Details

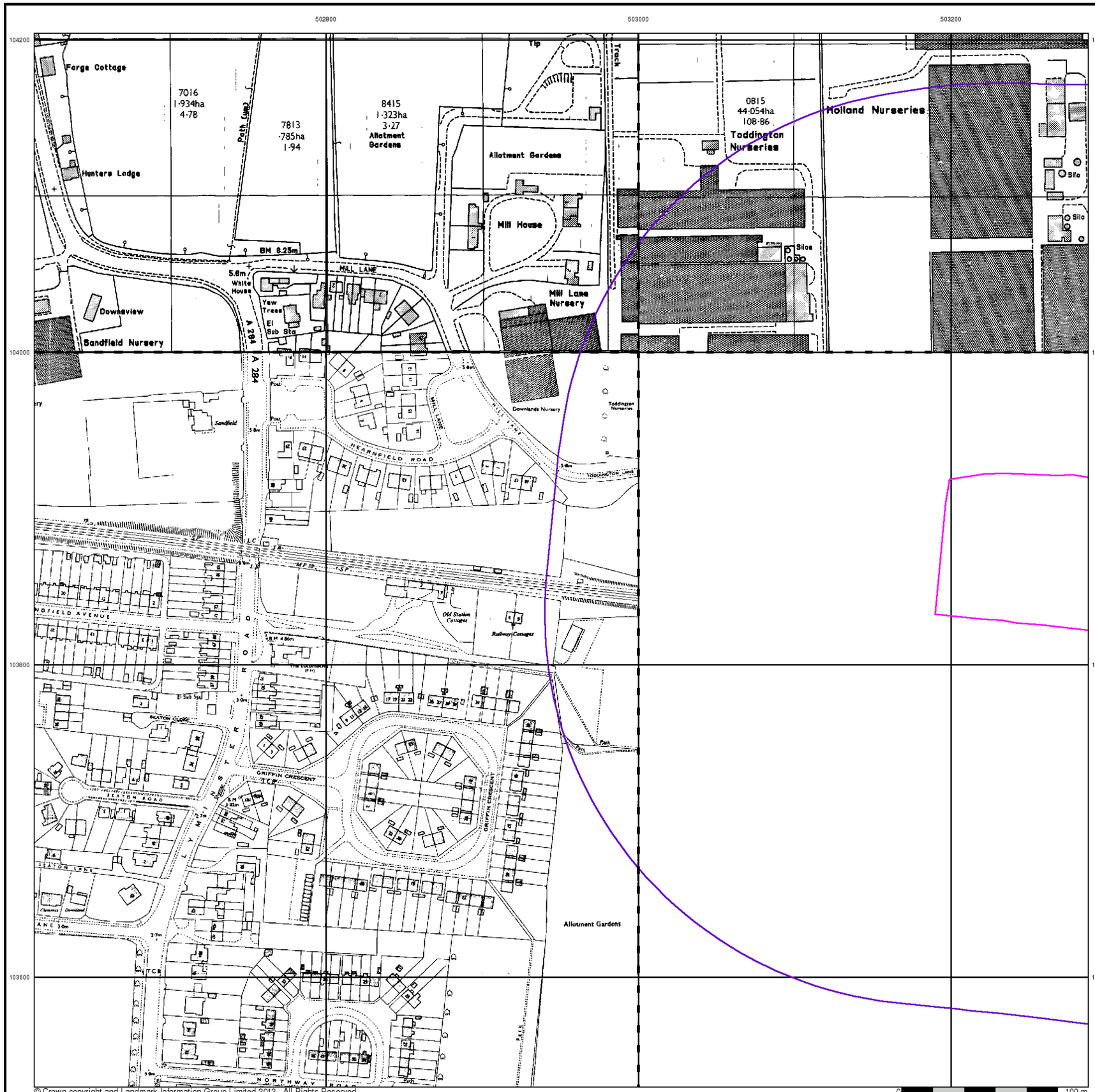
Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
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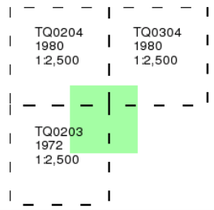
Ordnance Survey Publication Date

Surveyed

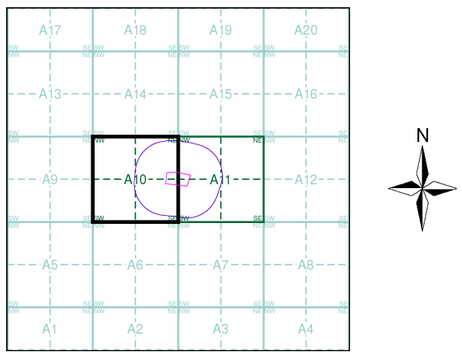
Source Publication Date:

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.

Mapsheet Extents



Historical Mapsheet Extents



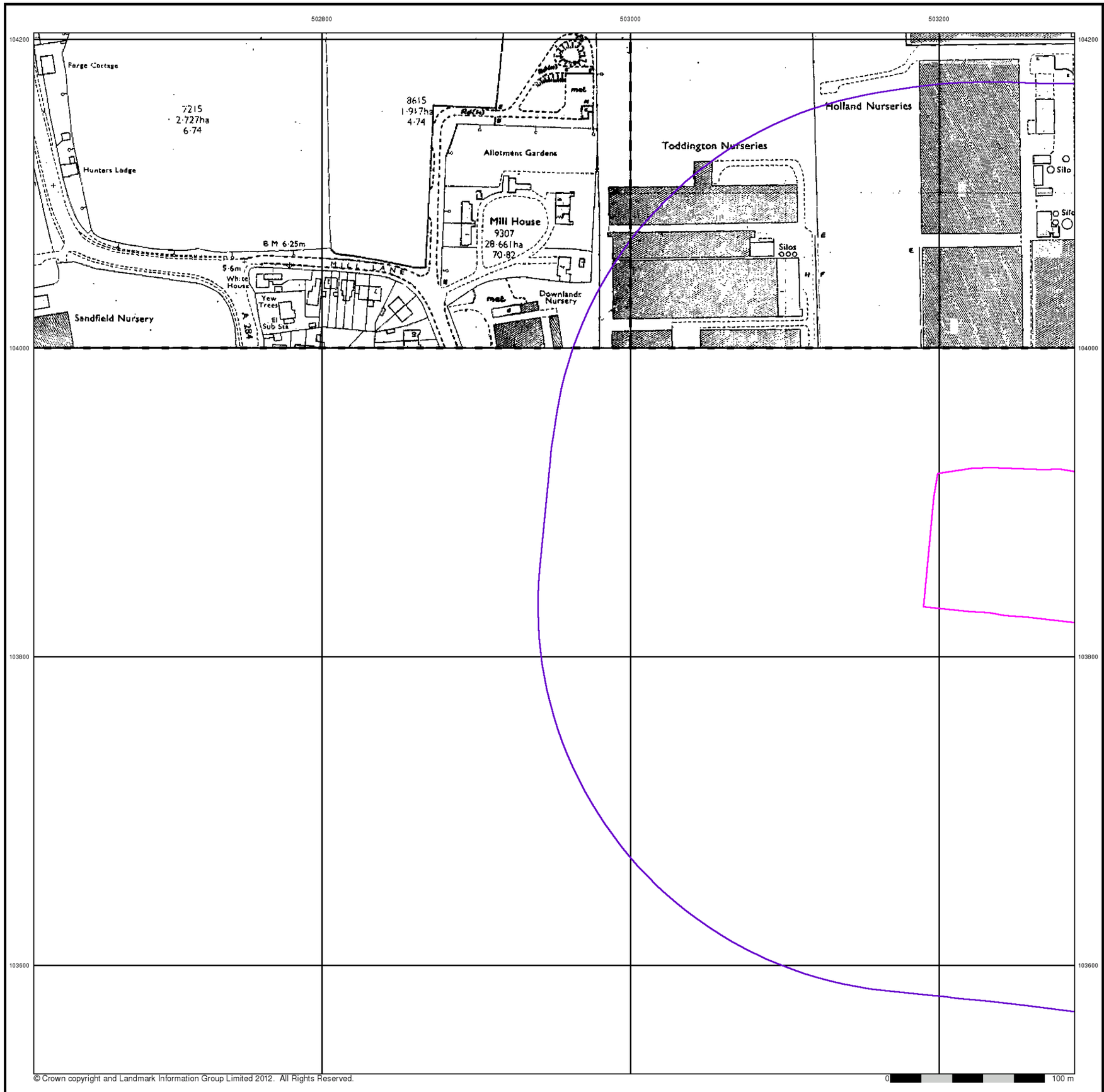
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Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
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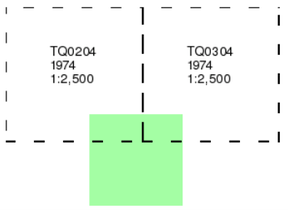


Supplied Survey Information

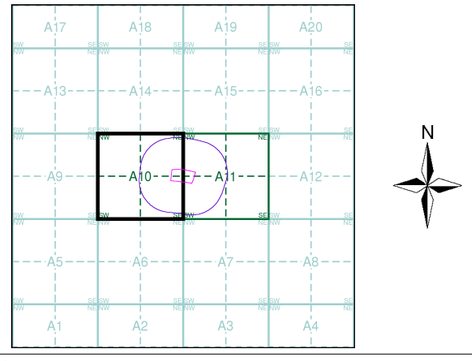
Supplied Survey

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a `work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Mapsheets



Sectormap



Order Details

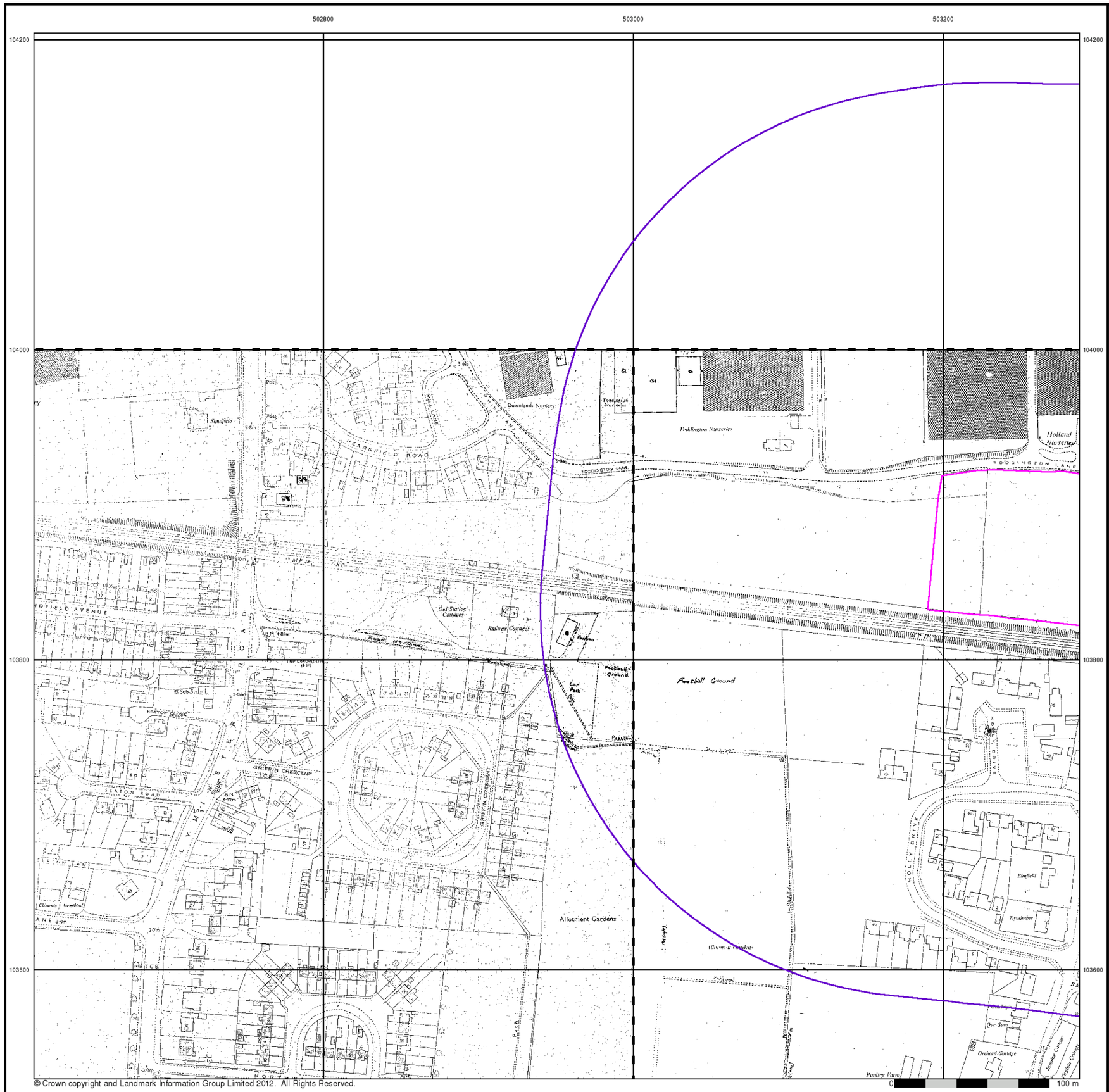
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Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
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OPUS

Supplied Survey Information

Supplied

Survey Date:

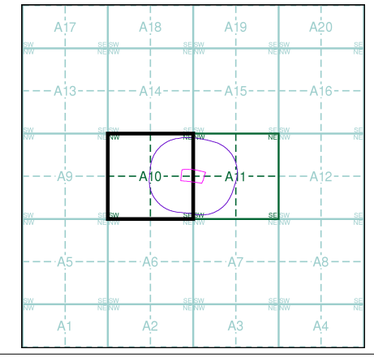
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Mapsheets

TQ0203NE
1974
1:1,250

TQ0303NW
1974
1:1,250

Historical Mapsheets



Order Details

Order Number:	43199444_1_1
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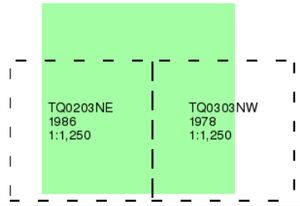
Additional SIMs

Requested Features

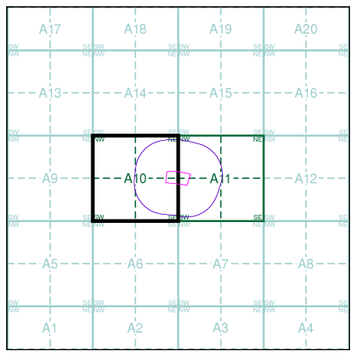
Source and Publication Date:

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Coverage and Sheet Numbers



Historical Mapping Sheet Index



Order Details

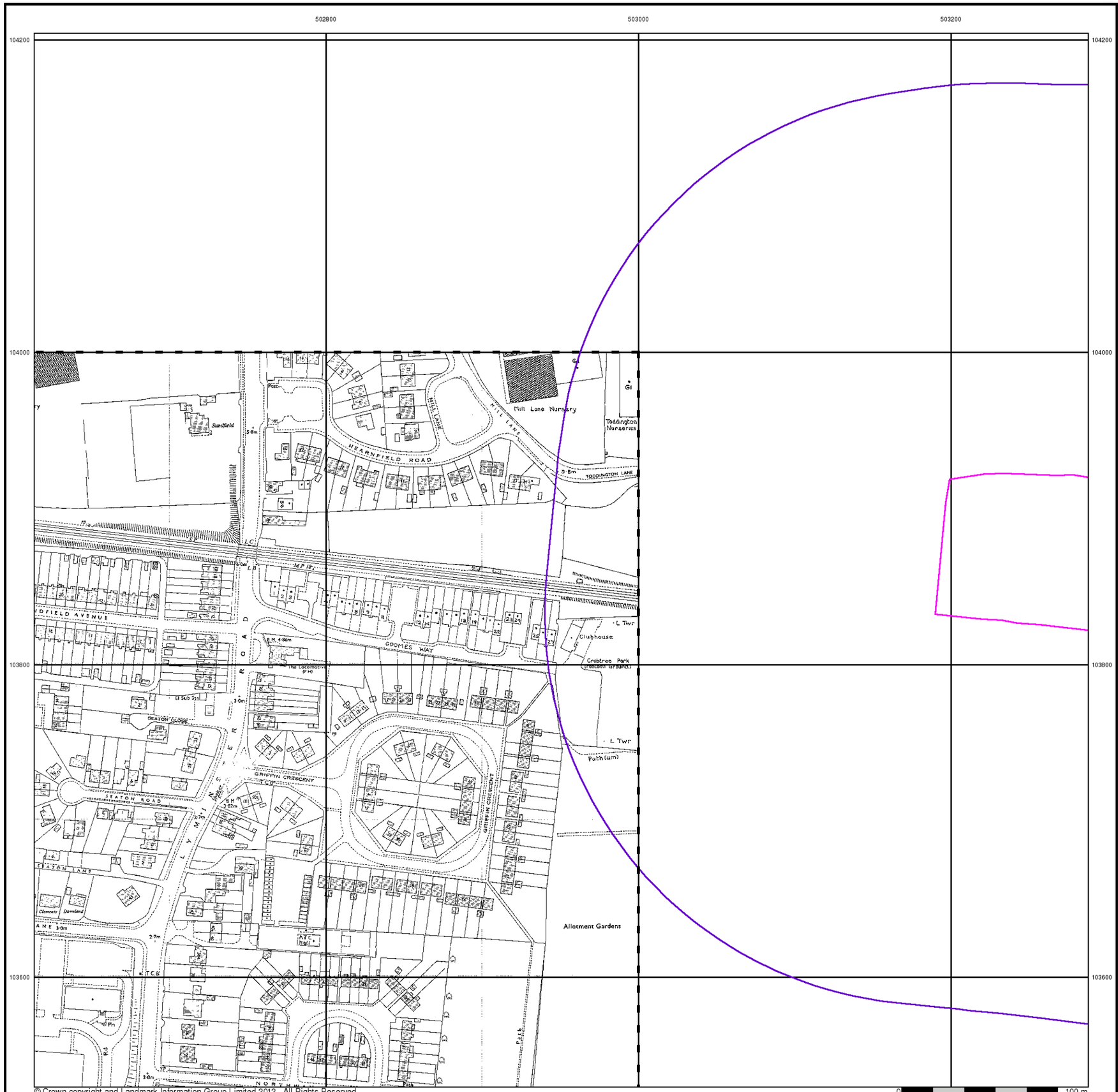
Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
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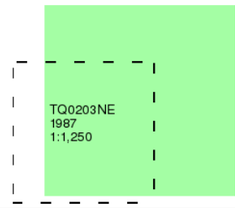
OPUS

Additional SIMs Purchased

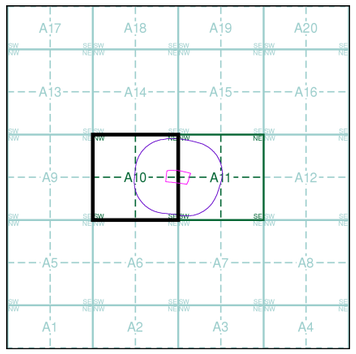
Source Publication Date:

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Mapping and Large Scale



Historical Mapping Sheet Index



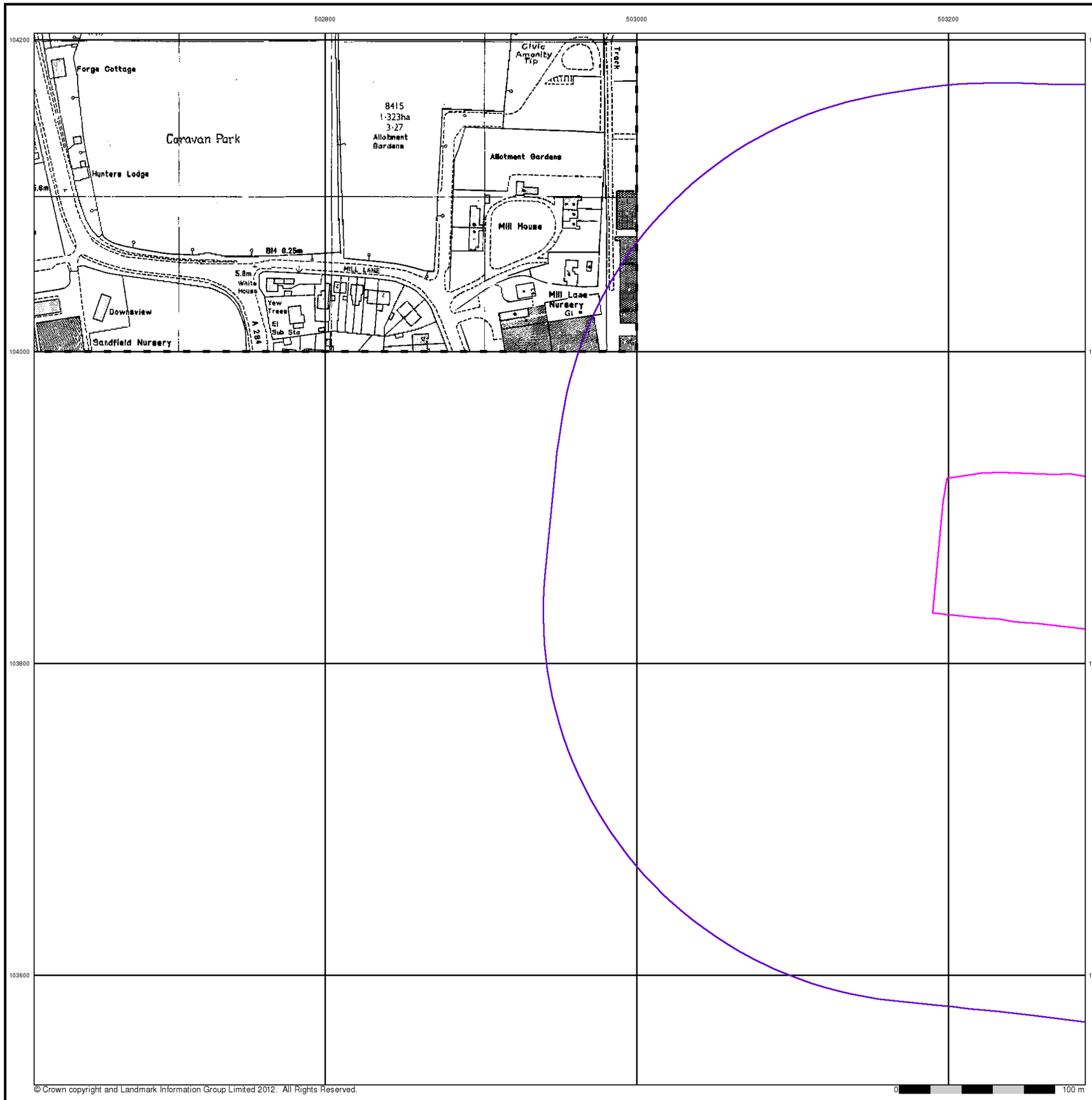
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Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	250

Site Details

Hollyacre Workshop, Toddington Lane, Wick, Littlehampton, BN17 7PP

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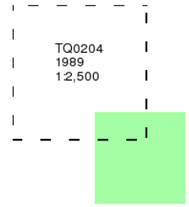
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Additional SIMs Used

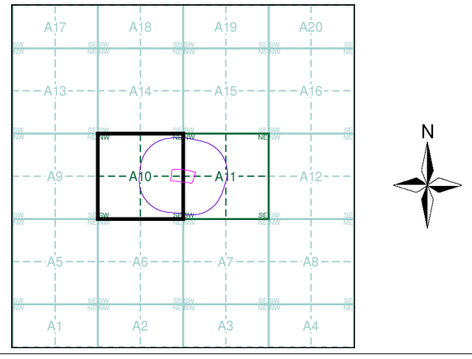
Source of SIMs Used:

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Mapping Extents



Historical Mapping Sequence



Order Details

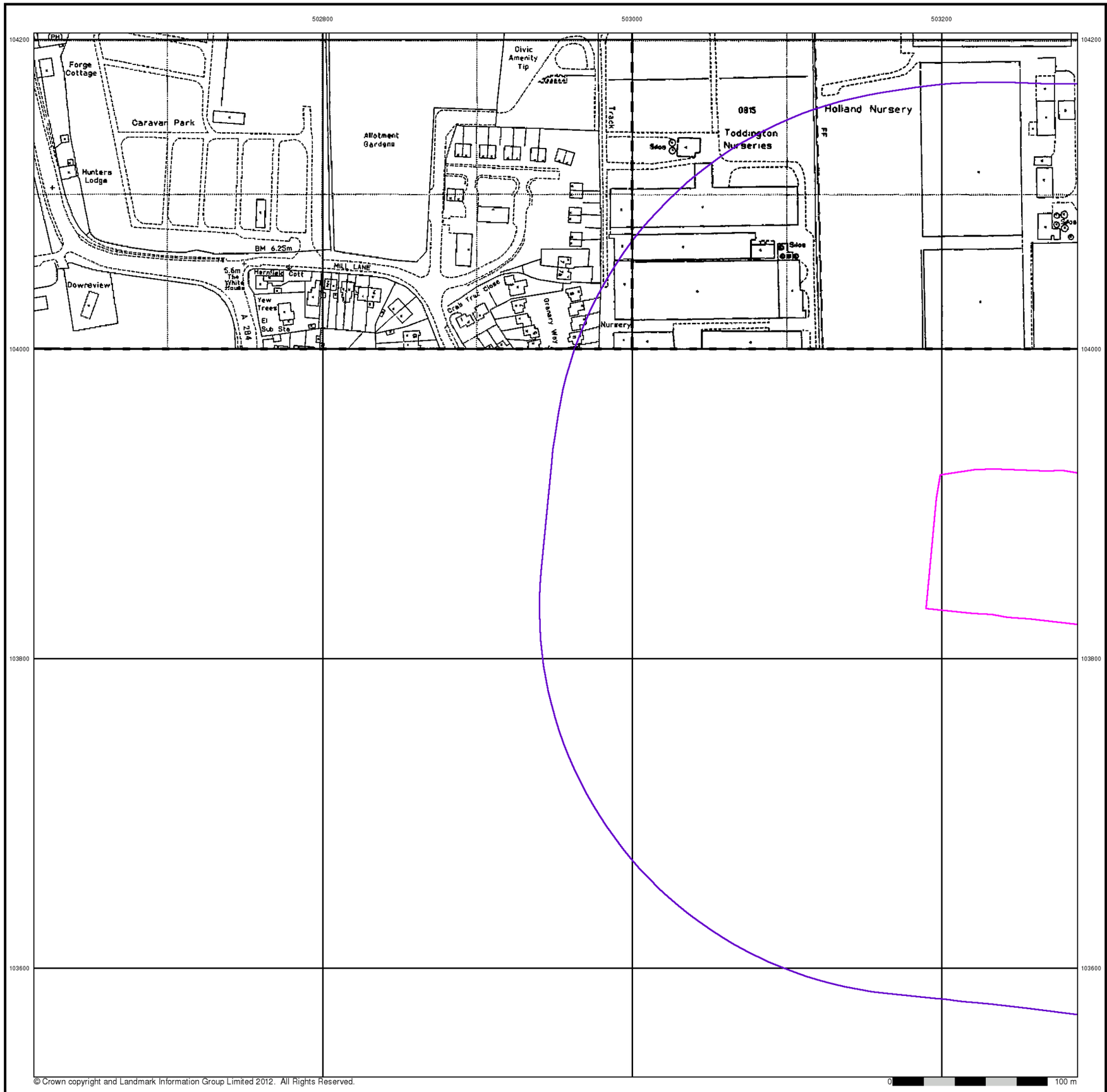
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Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
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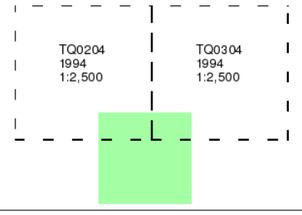
OPUS

Large Scale National Grid Data (1994 - 1999)

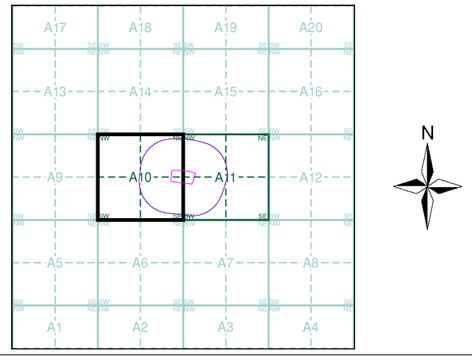
Source: Ordnance Survey

'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.

Mapsheets



Historical Mapsheets



Order Details

Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
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OPUS

Large Scale National Grid Data - Surveyed 1992-1999

Source Data Description:

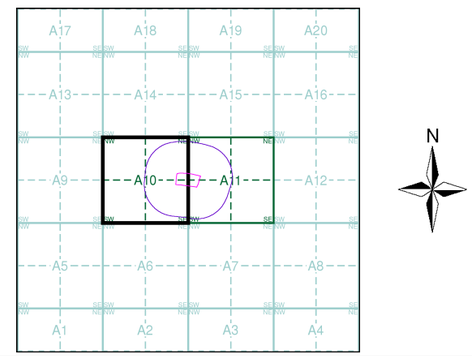
'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Mapsheet Details

TQ0203NE
1994
1:1,250

TQ0303NW
1994
1:1,250

Historical Mapsheet Search



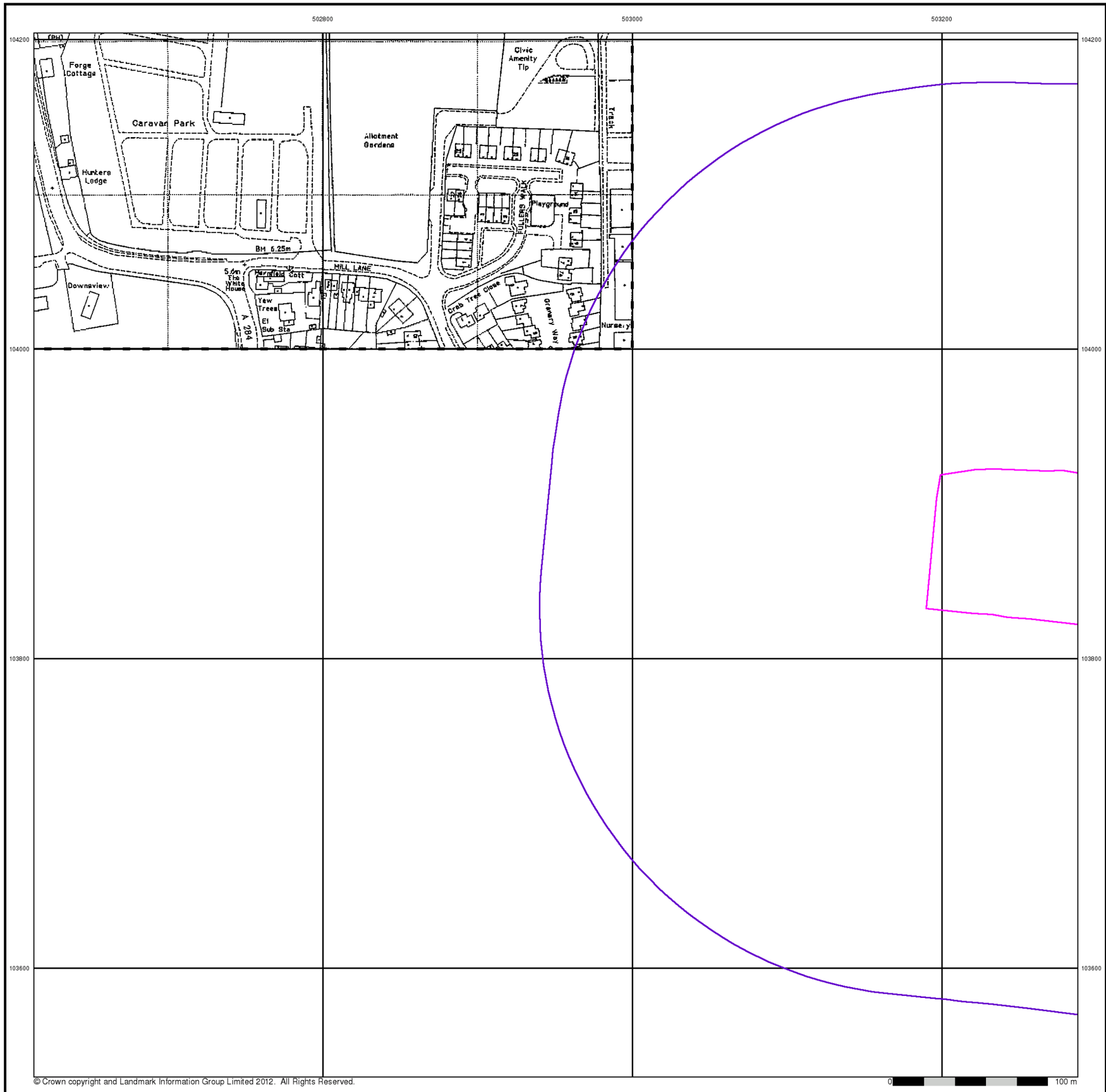
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OPUS

Large Scale National Grid Data - Superseded

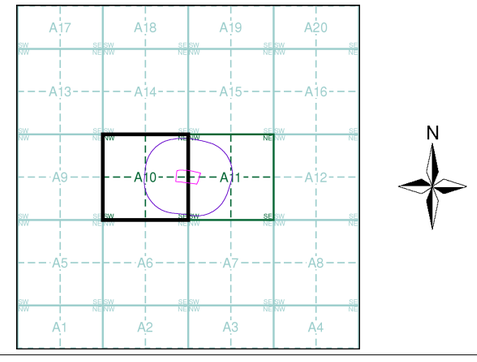
Source Publication: 1996

'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.

Mapping Extents

TQ0204
1996
1:2,500

Historical Mapping Sheet Index



Order Details

Order Number:	43199444_1_1
Customer Ref:	E-E1524
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Slice:	A
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Site Details

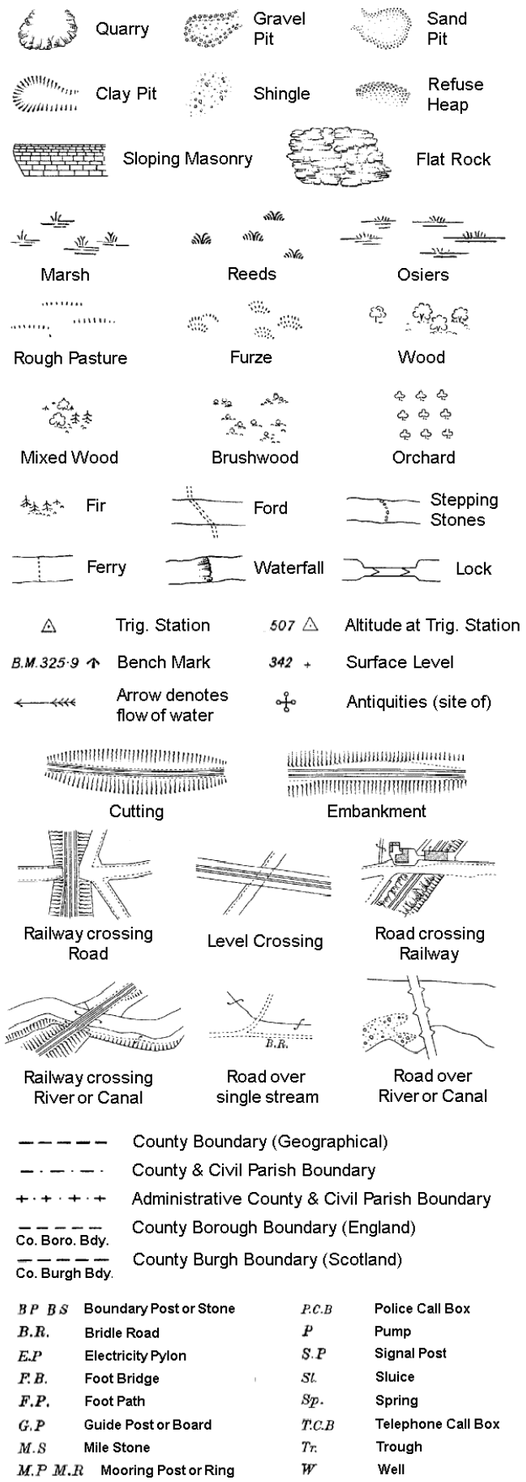
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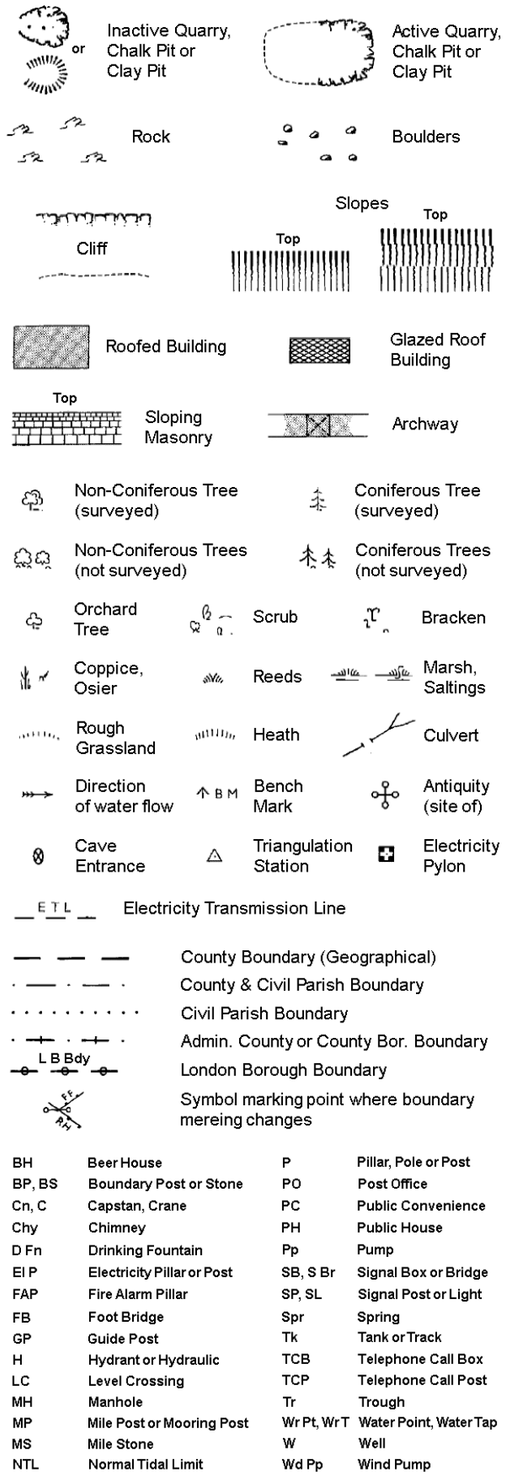
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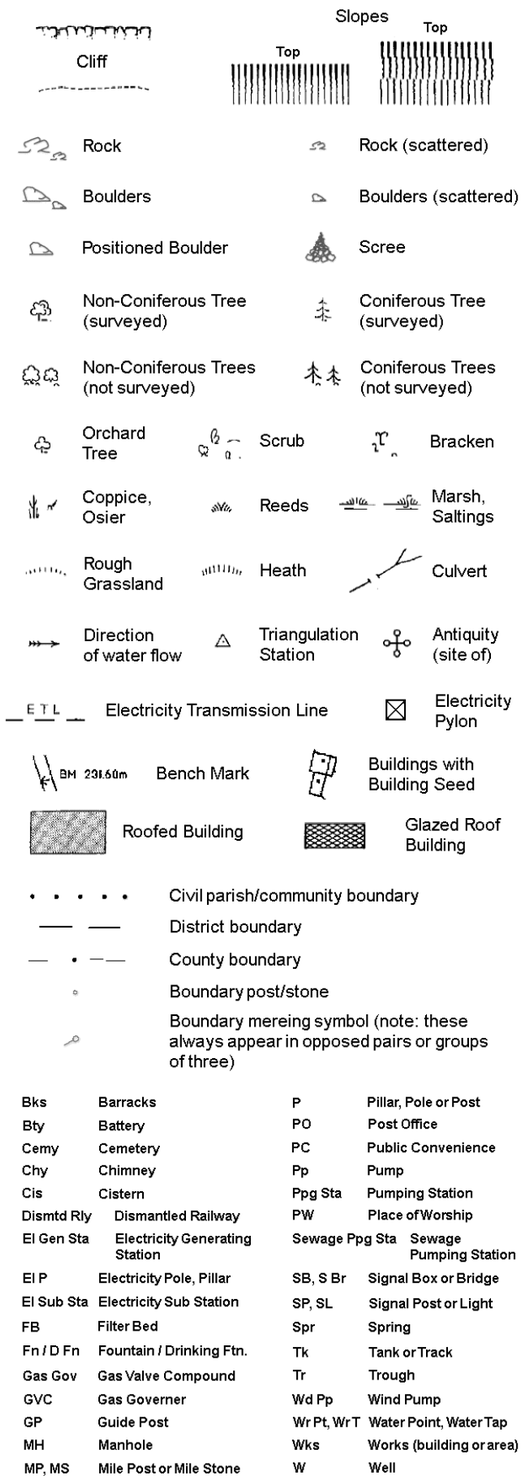
B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	Sl.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

□rdn□n□e Sur□e□□□n□□dd□on□□S□Ms□nd Su□□□o□□n□u□s□ed Sur□e□n□or□ □□on□ □:□□□□□nd□:□□□□□



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
El P	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
H	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

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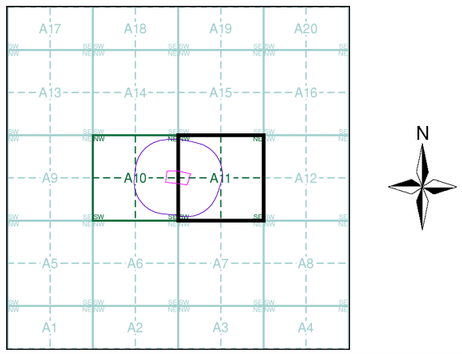
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	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 Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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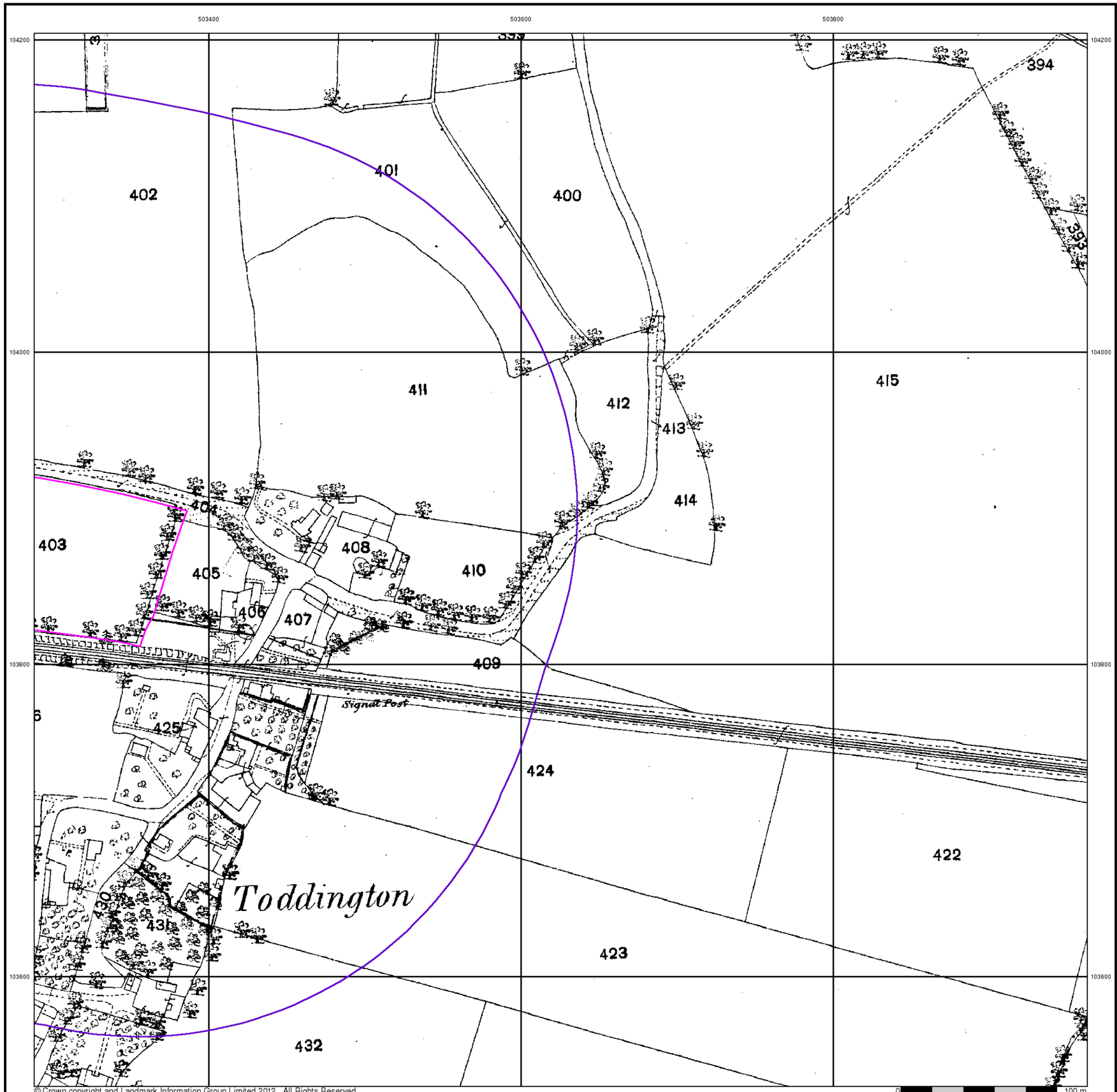
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Customer Ref: E-E1524
National Grid Reference: 503280, 103870
Slice: A
Site Area (Ha): 1.69
Search Buffer (m): 250

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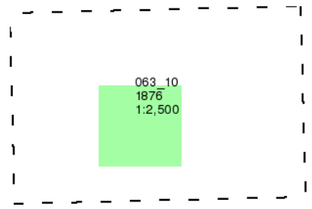
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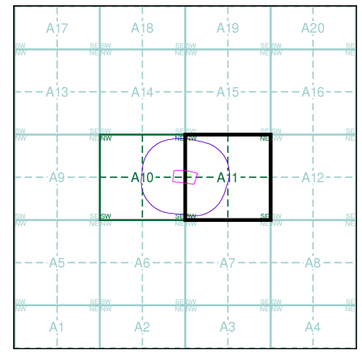
Source Map Scale:

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.

Mapping Boundaries



Historical Mapping Sheet Index



Order Details

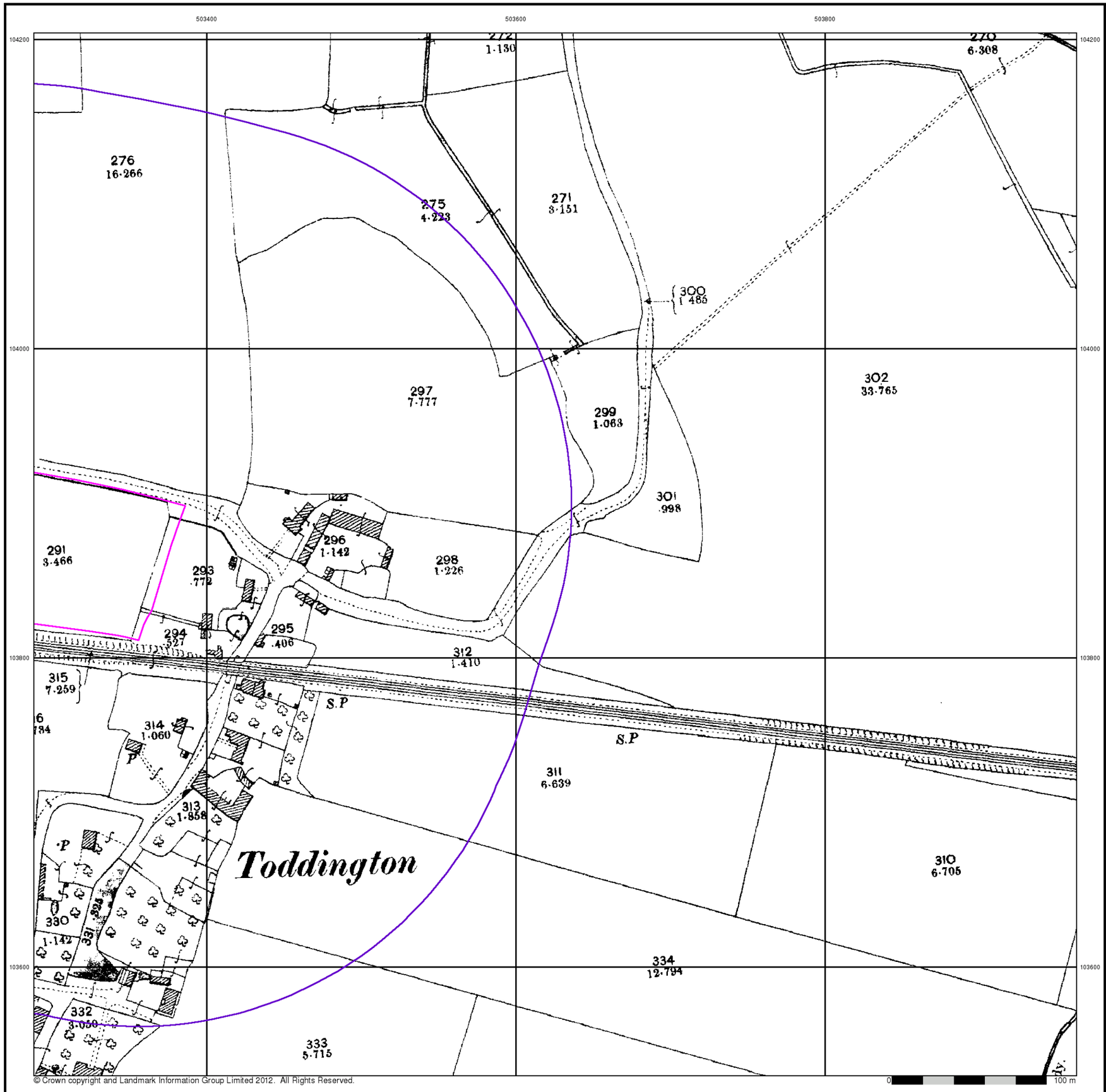
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Search Buffer (m):	250

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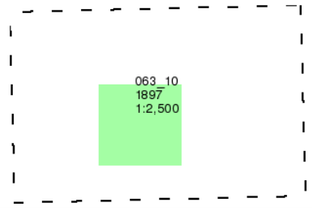
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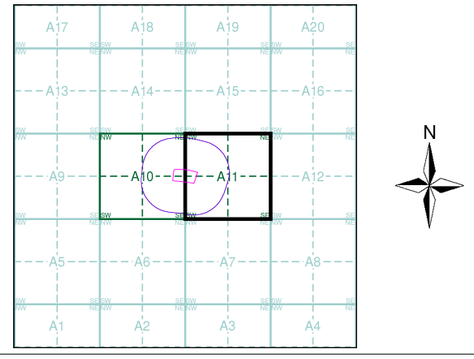
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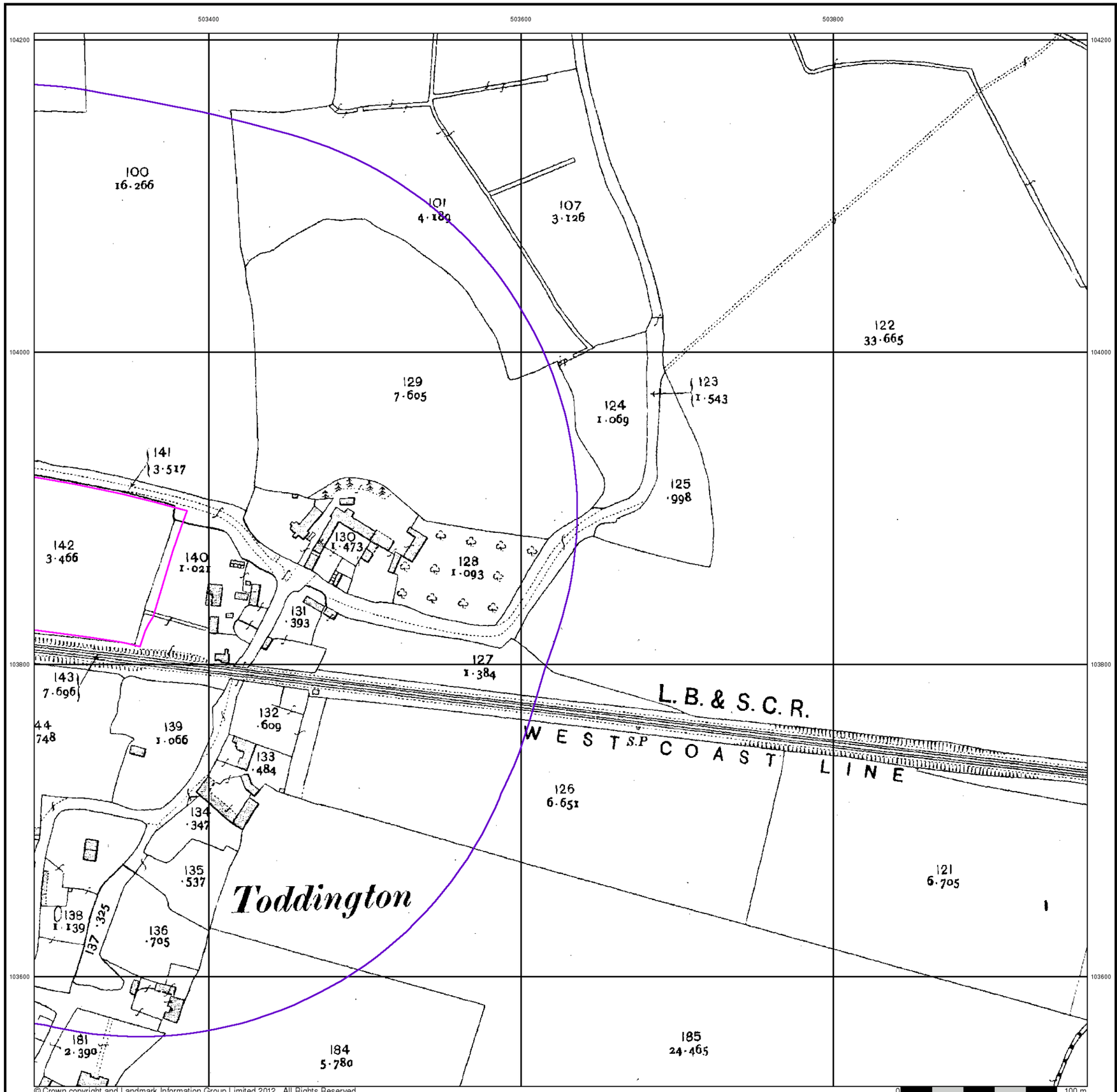
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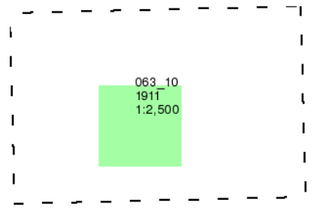
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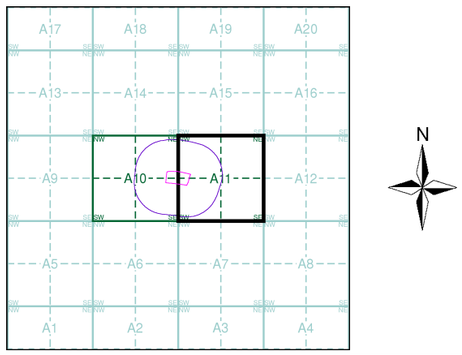
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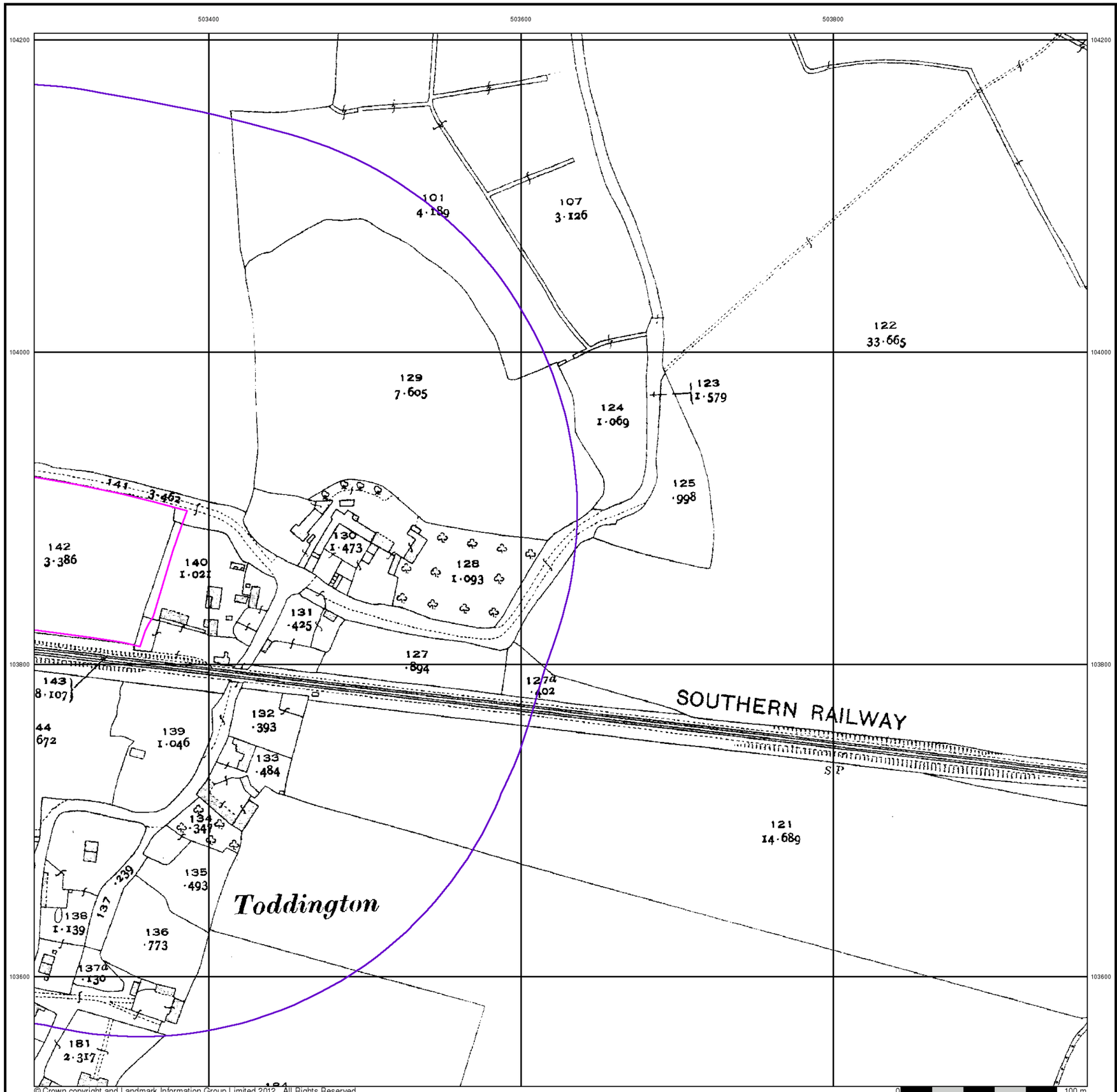
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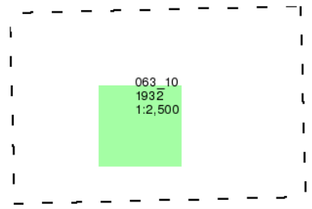
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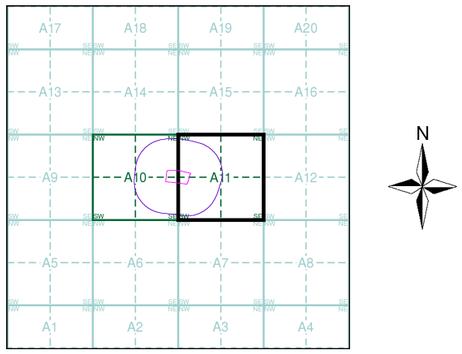
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Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
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Longacre Nursery
The Old Farmhouse
Toddington Farm
Hollyacre Farm
Toddington Farm Cottages
Nursery Cottages
Toddington House
Apple Tree Cottage
Foxdale Nursery
Toddington
Inglecroft Nursery
Firview Nursery
Poultry Farm
Nursery
Drain
Tank
BARN CLOSE
TODDINGTON LANE
M 27

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OPUS

Ordnance Survey Publication

Published 1969

Source Scale: 1:1,250

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Mapping Boundaries

TQ0303NW 1969 1:1,250

TQ0303NE 1969 1:1,250

Historical Mapping Sheet Index

A17 A18 A19 A20
A13 A14 A15 A16
A9 A10 A11 A12
A5 A6 A7 A8
A1 A2 A3 A4

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Order Details

Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	250

Site Details

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OPUS

Ordnance Survey Updated

Source Scale: 1:2,500

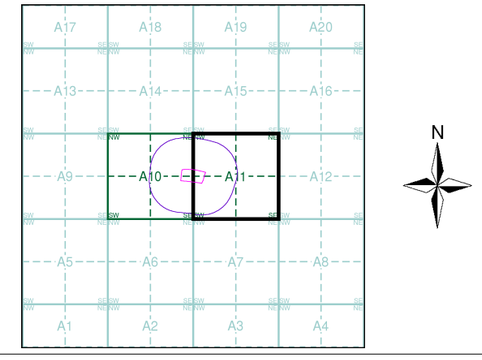
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Mapping extends

TQ0304
1972
1:2,500

TQ0303
1972
1:2,500

Historical Mapping Sheet



Order Details

Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	250

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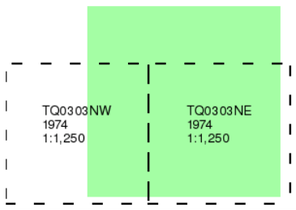
OPUS

Supplied Survey Information

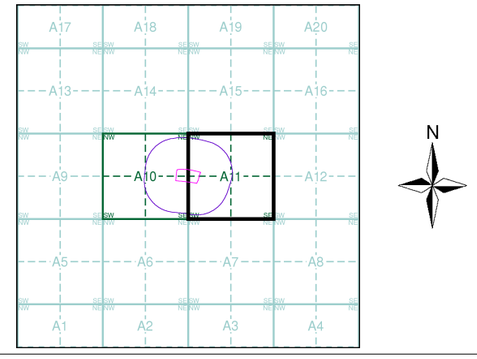
Supplied Survey

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a `work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Mapsheets



Postcode Search



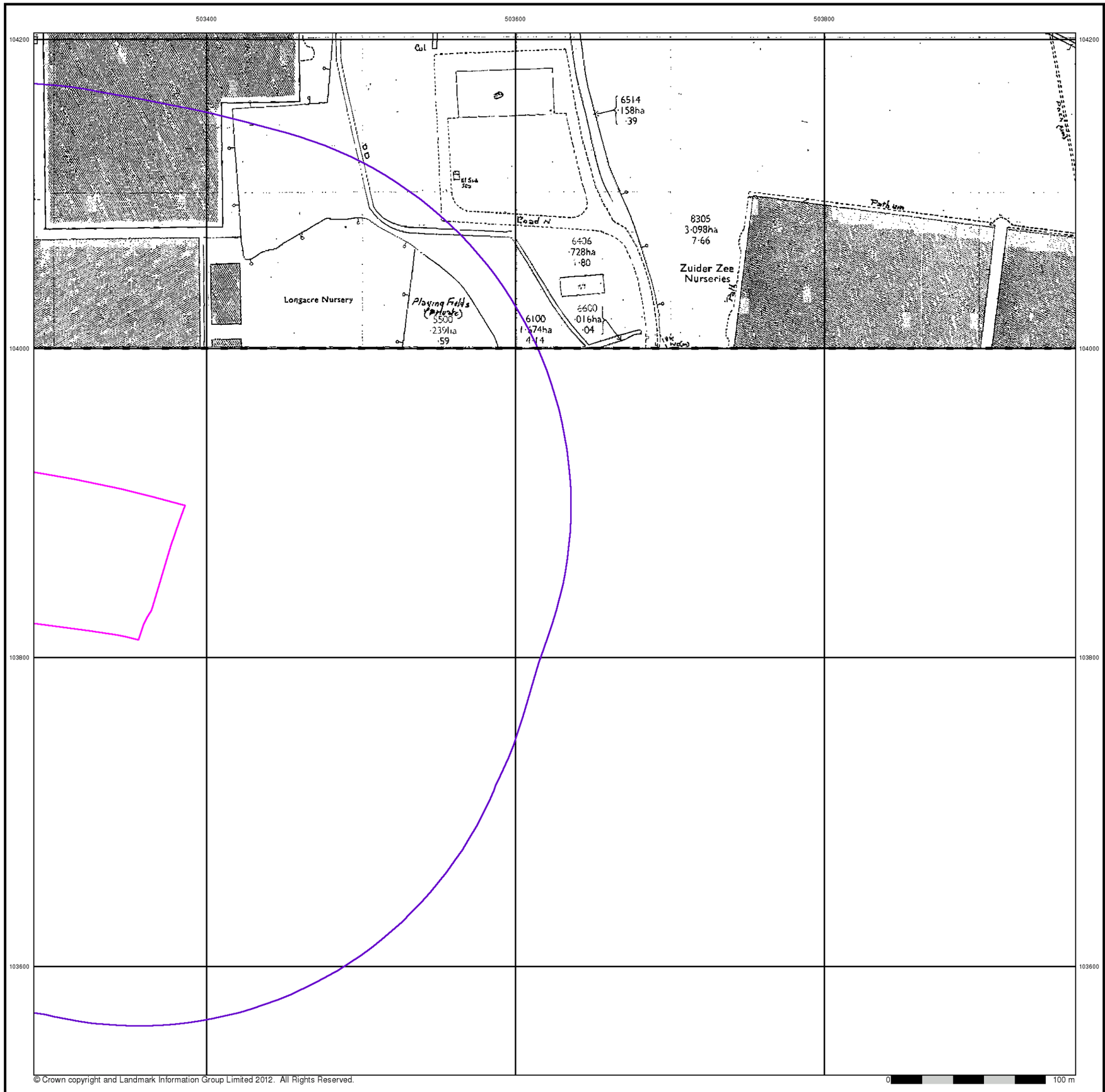
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National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	250

Site Details

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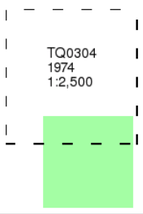
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Supplied Survey Information

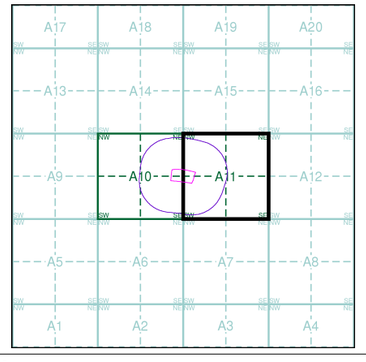
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Map Legend



Grid Reference Map



Order Details

Order Number:	43199444_1_1
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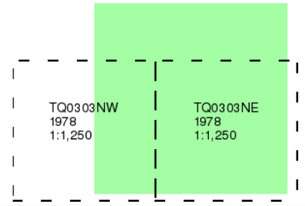
OPUS

Additional SIMs purchased

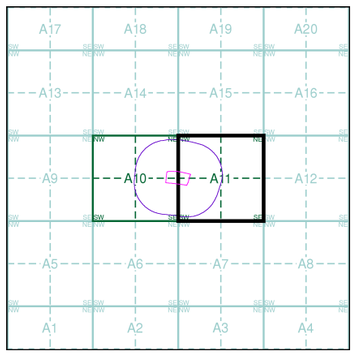
Source map scale: 1:1,250

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Mapping and enhanced data



Historical Mapping Sheet Index



Order details

Order Number:	43199444_1_1
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Site details

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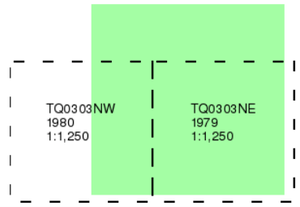
Ordnance Survey Publication Date

Published Mapping

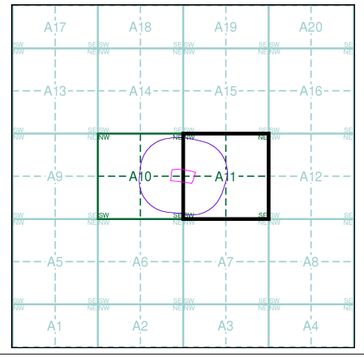
Source Publication Date: 1980

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Mapping Boundaries



Historical Mapping Sheet Index



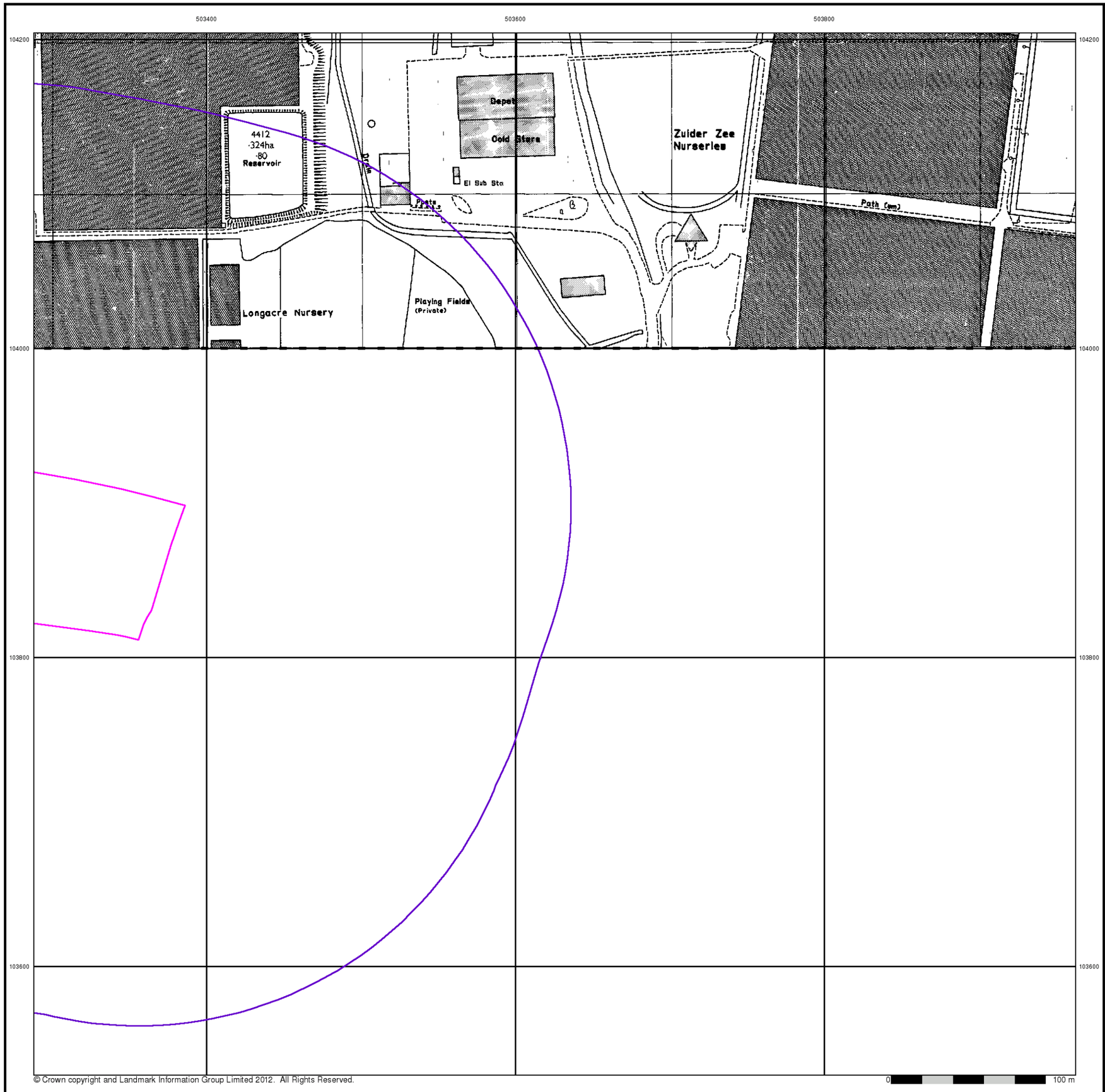
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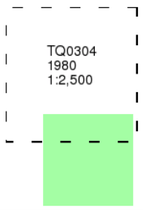
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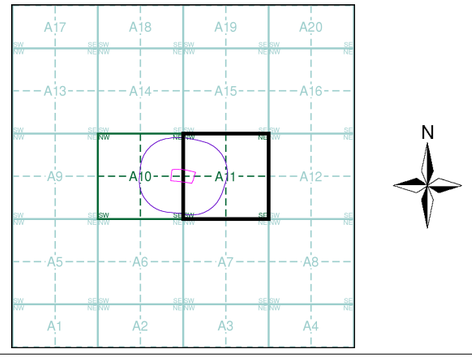
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered 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.

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National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	250

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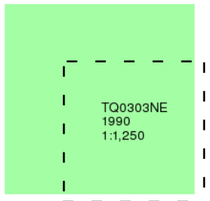
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Additional SIMs Used

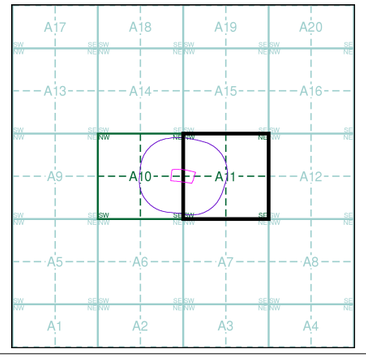
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The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Mapping and Surveys



Historical Mapping Sheet Index



Order Details

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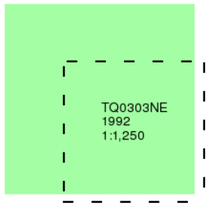
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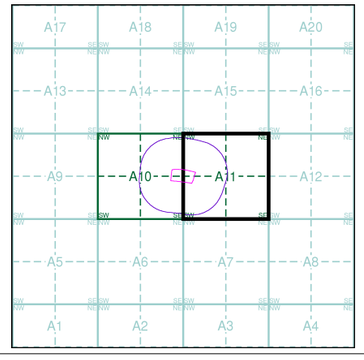
Source of SIMs: Current

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Maps and extents



Historical Mapping Sheet Extents



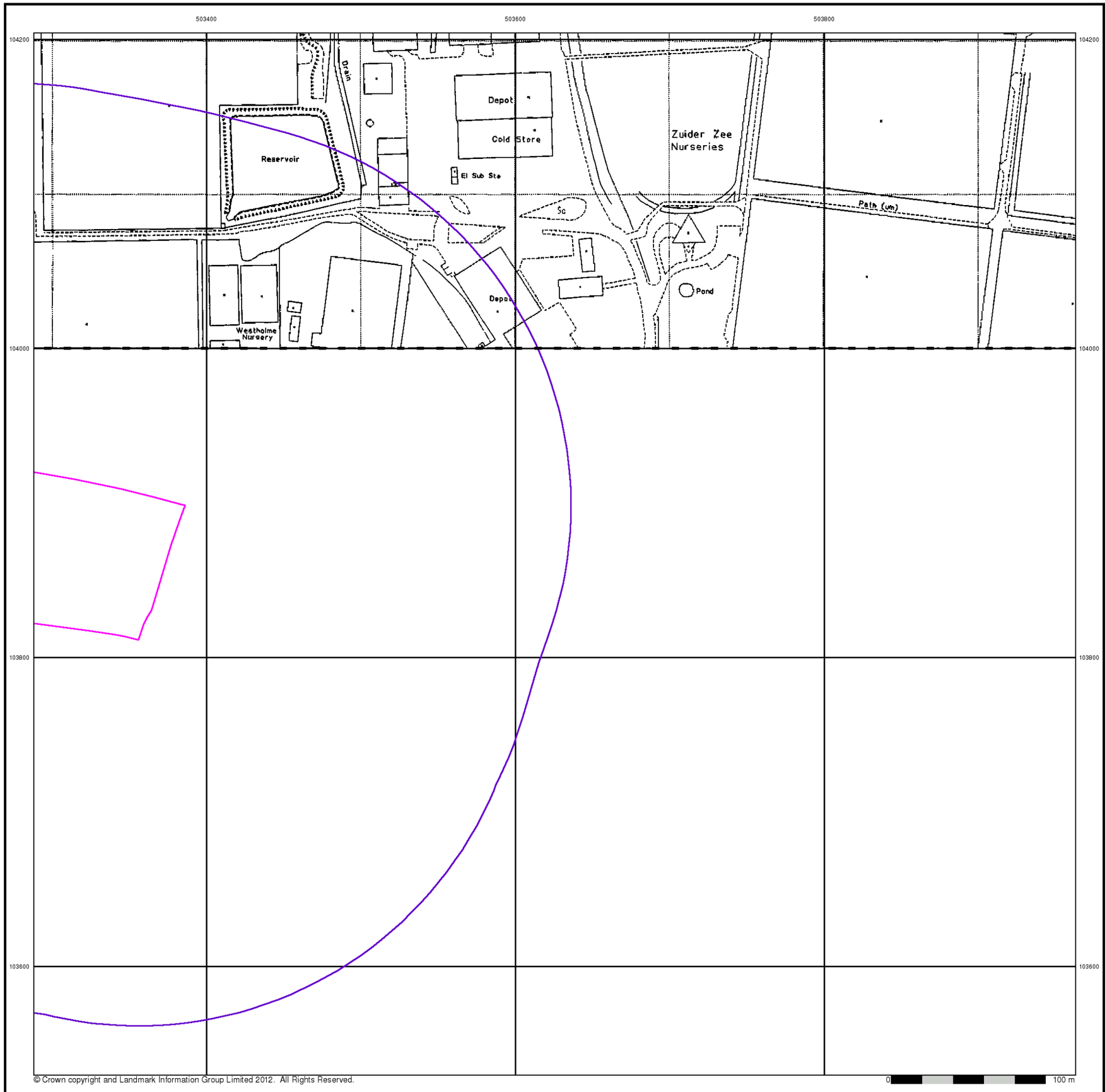
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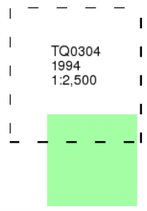
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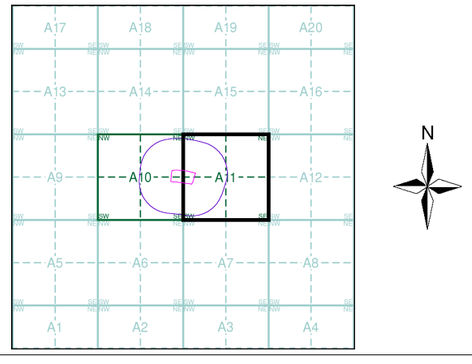
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'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information 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.

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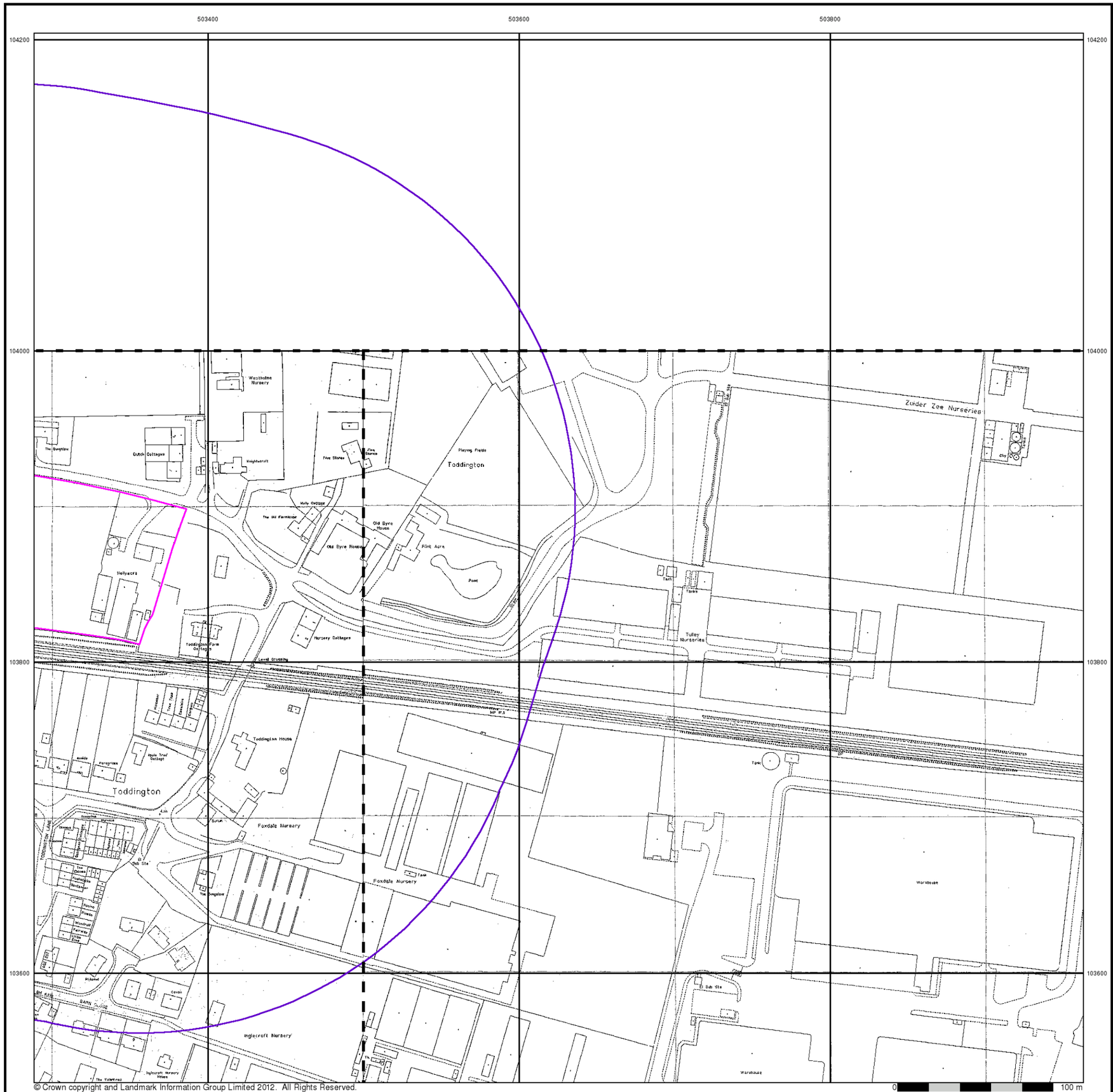
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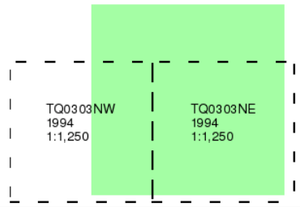
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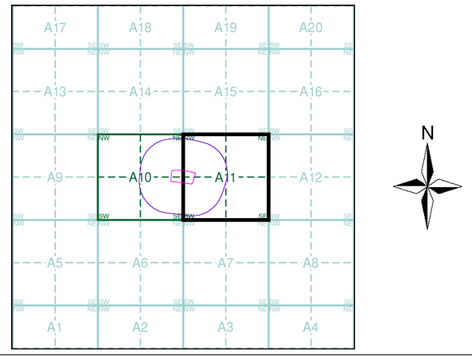
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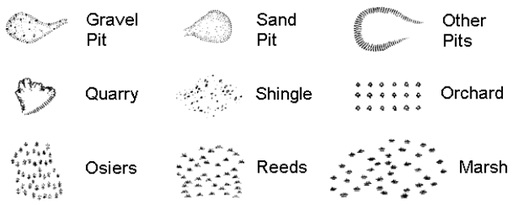
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Arrow denotes flow of water

Trigonometrical Station

Site of Antiquities

Bench Mark

Pump, Guide Post, Signal Post

Well, Spring, Boundary Post

·285 Surface Level

Sketched Contour

Instrumental Contour

Main Roads (Fenced / Un-Fenced)

Minor Roads (Fenced / Un-Fenced)

Sunken Road

Raised Road

Road over Railway

Railway over River

Railway over Road

Level Crossing

Road over River or Canal

Road over Stream

Road over Stream

County Boundary (Geographical)

County & Civil Parish Boundary

Administrative County & Civil Parish Boundary

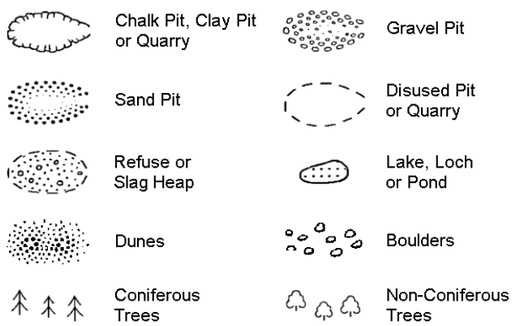
Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

R.D. Bdy. Rural District Boundary

Civil Parish Boundary

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Geographical County

Administrative County, County Borough or County of City

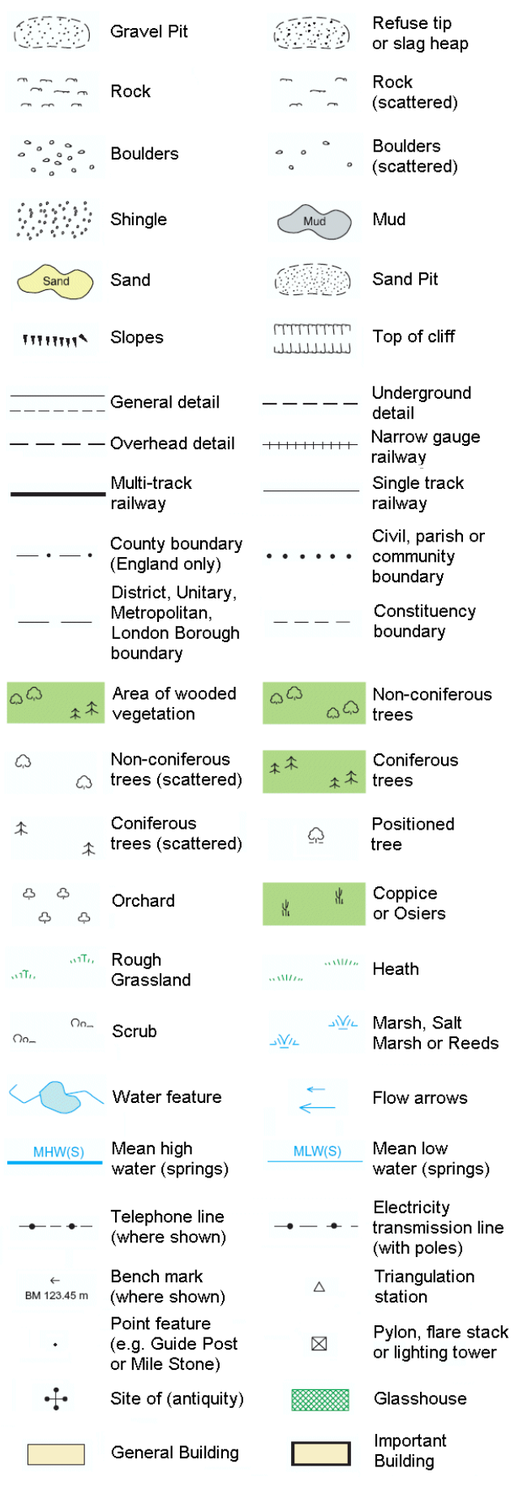
Municipal Borough, Urban or Rural District, Burgh or District Council

Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries

Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	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	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

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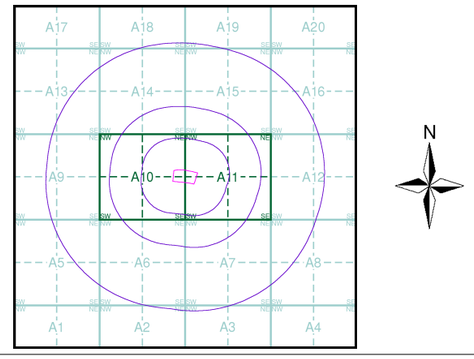


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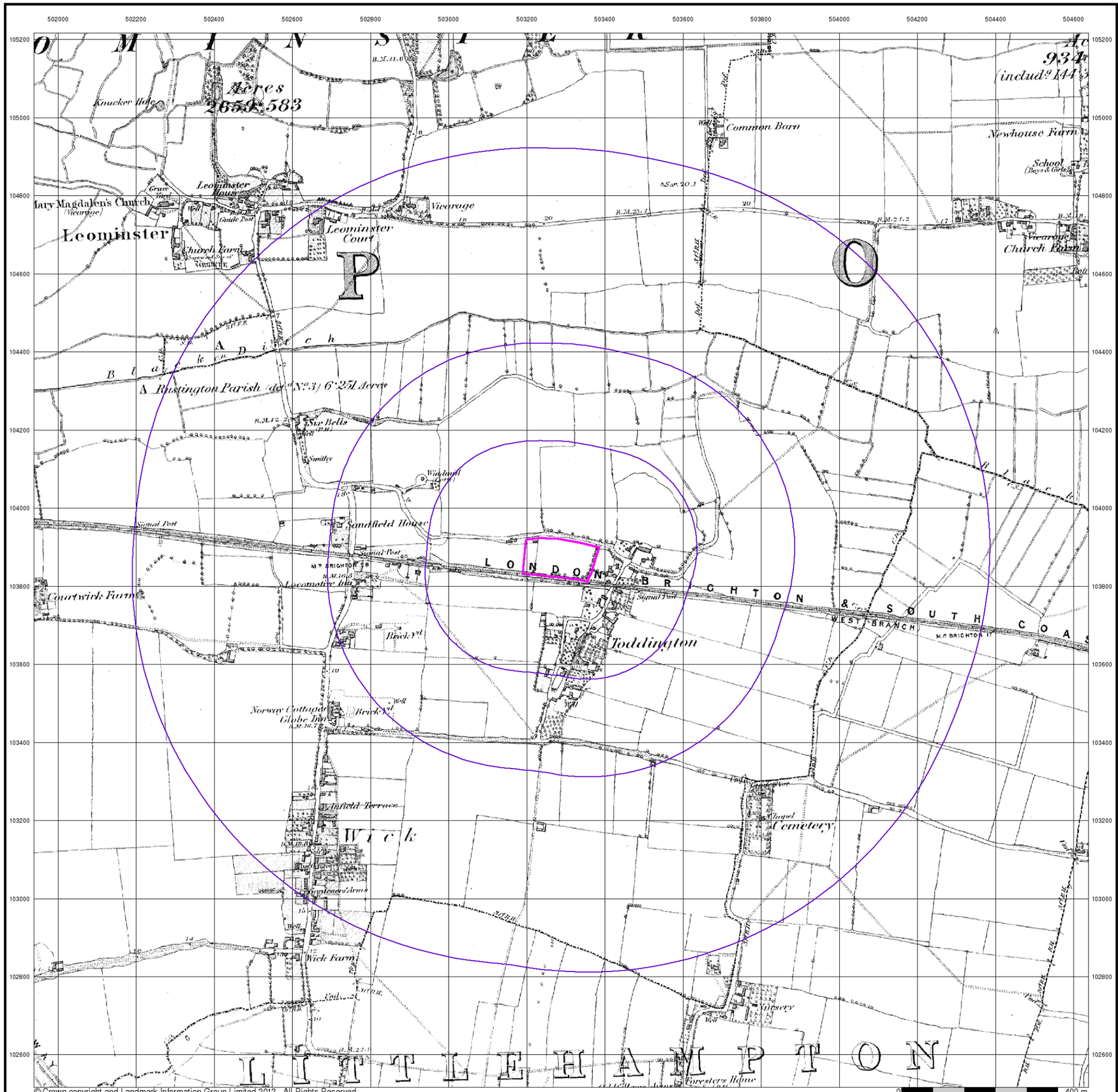
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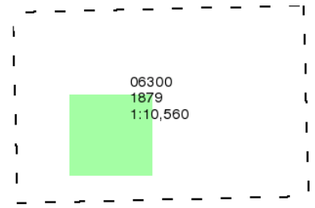
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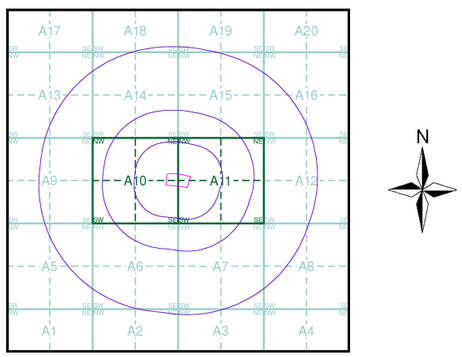
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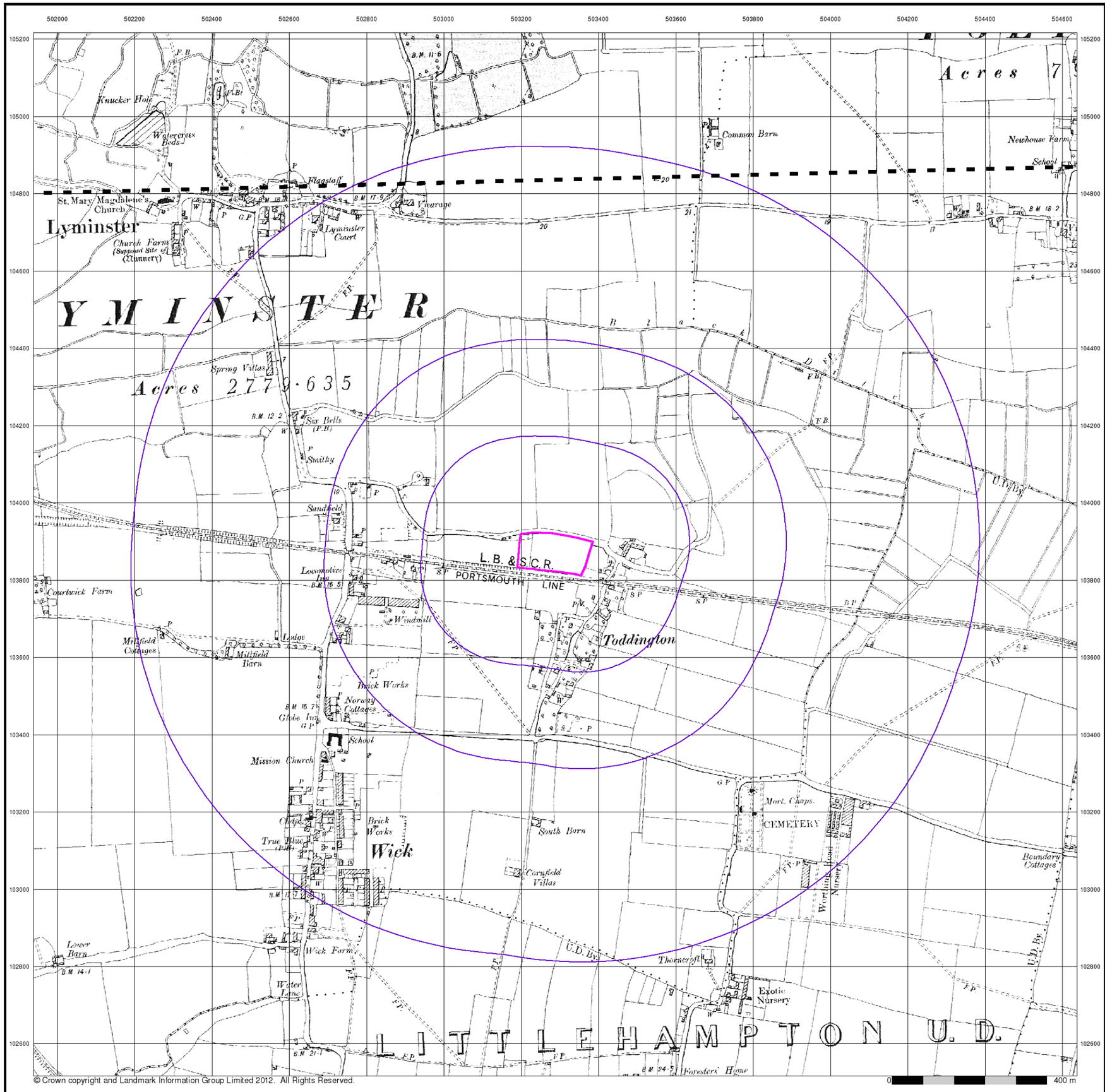
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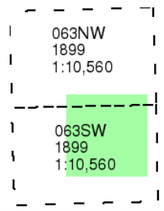
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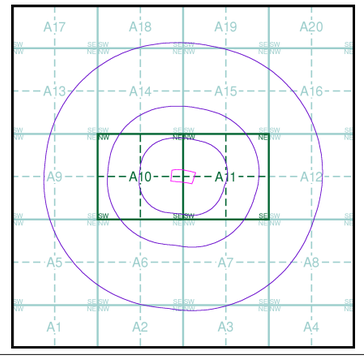
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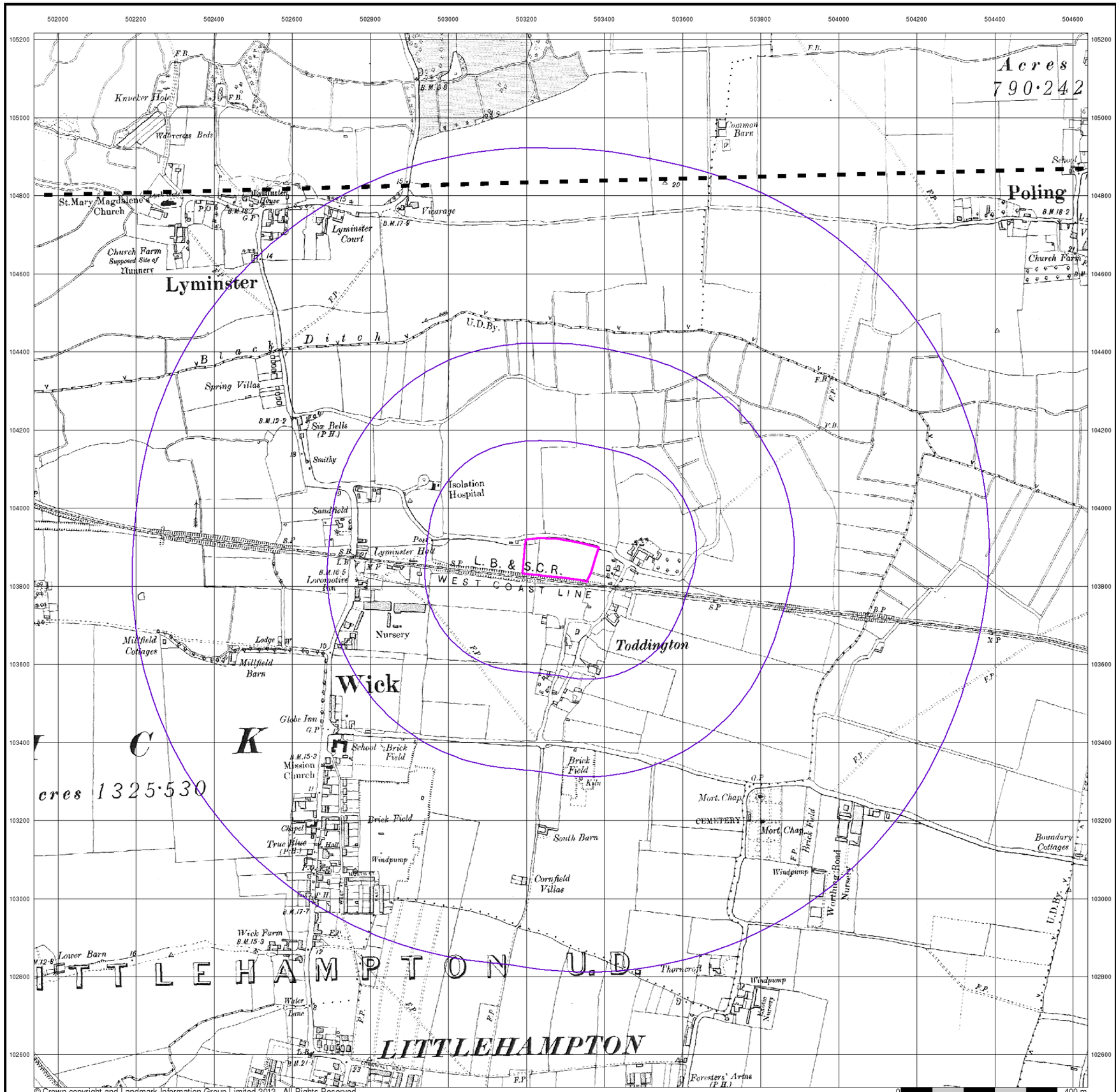
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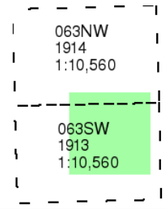
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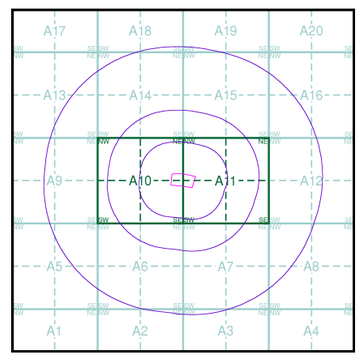
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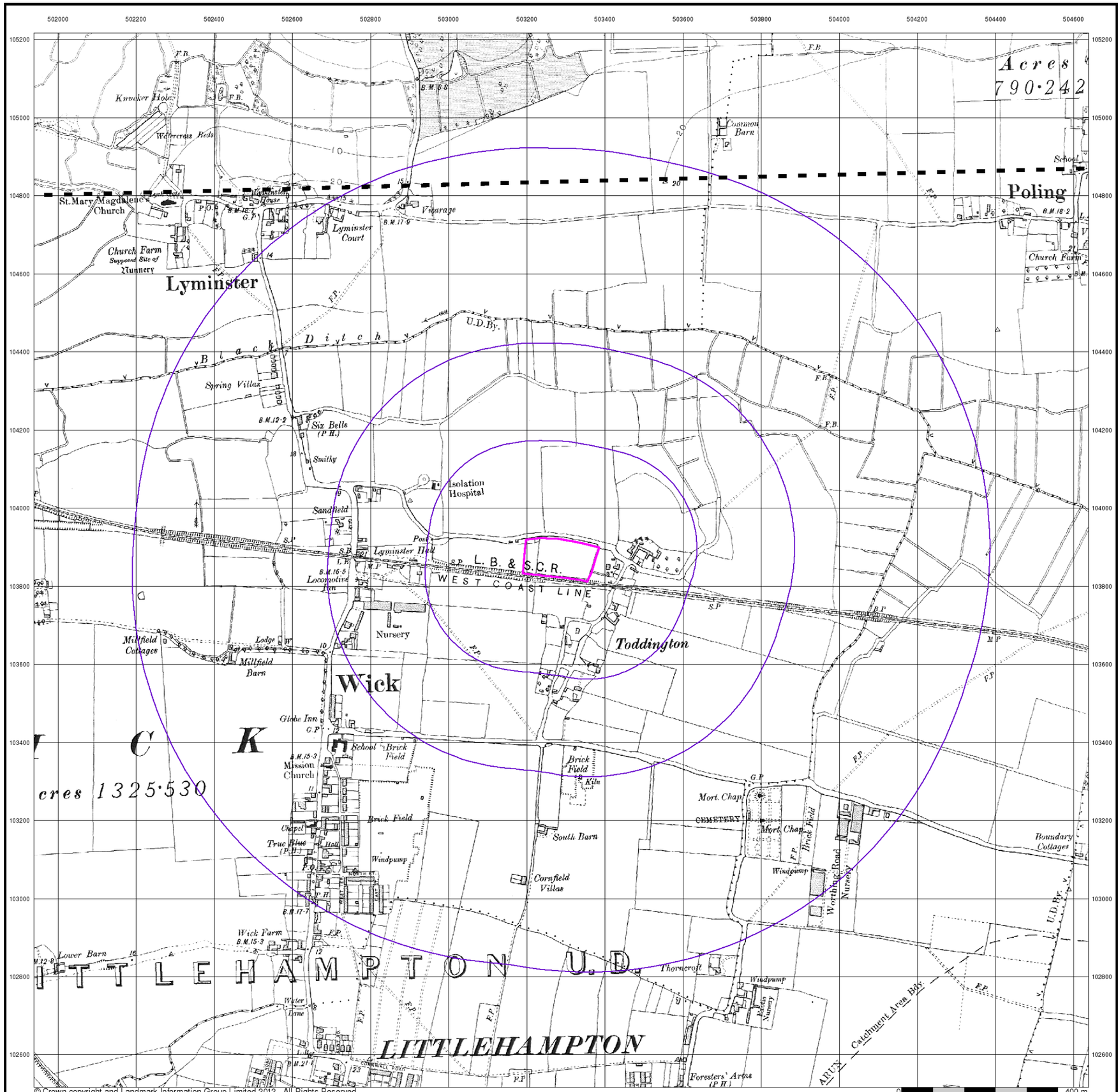
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Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	1000

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Source scale:

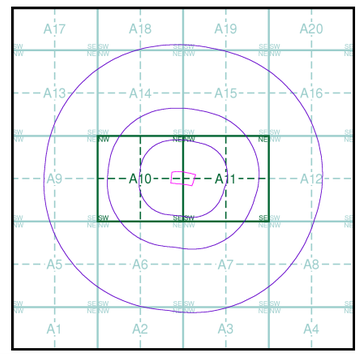
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some 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 boundaries

063NW
1914
1:10,560

063SW
1913
1:10,560

Historical Mapsheet



Order details

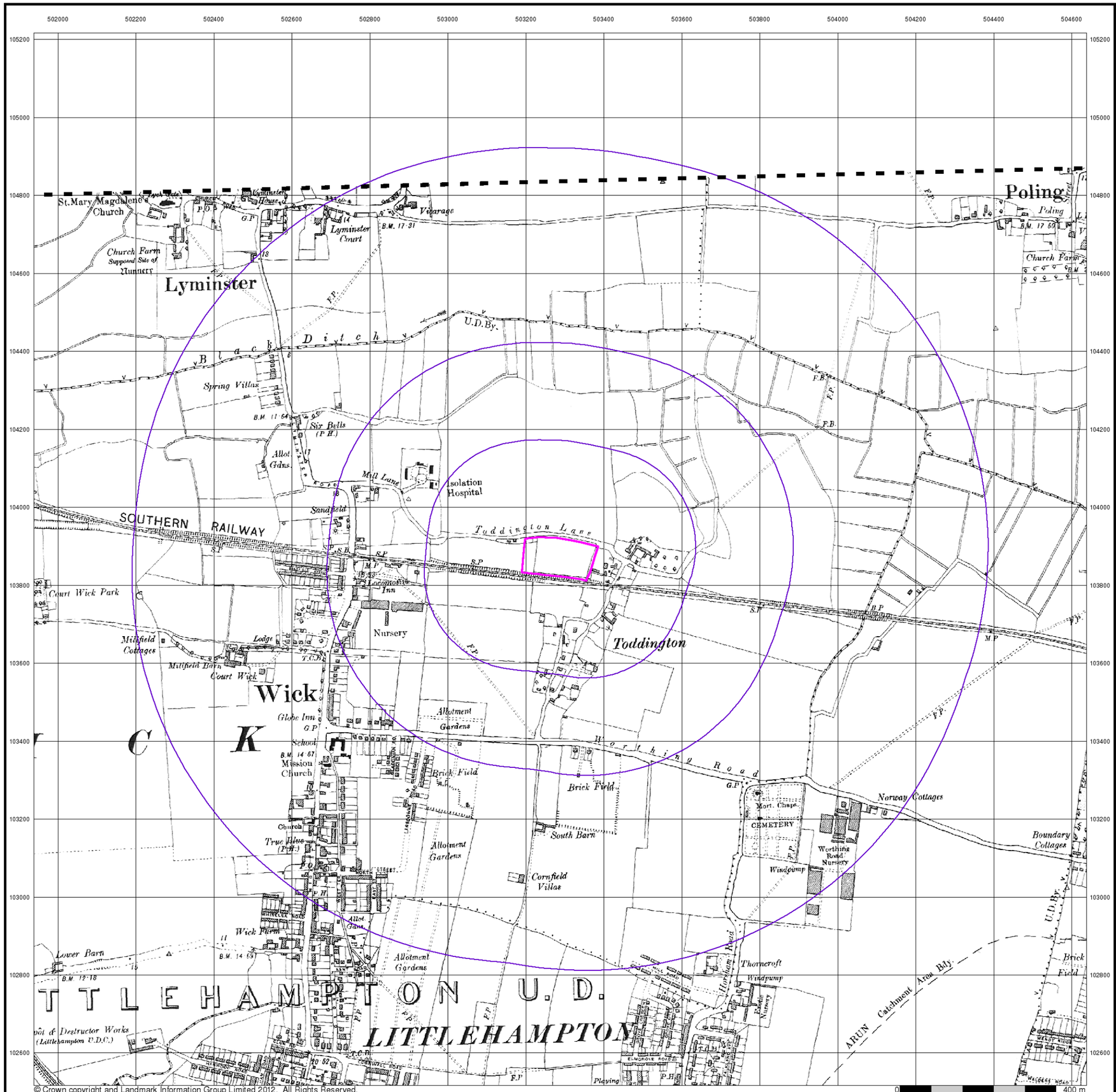
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Site Area (Ha):	1.69
Search Buffer (m):	1000

Site details

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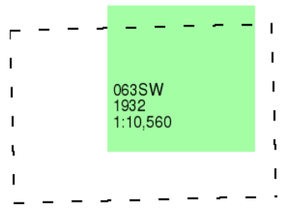
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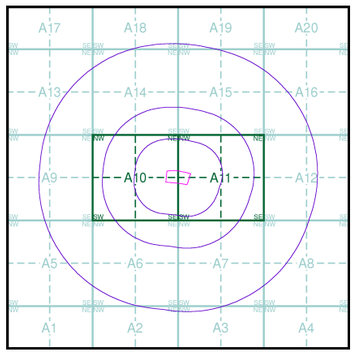
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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 10 years or so for urban areas.

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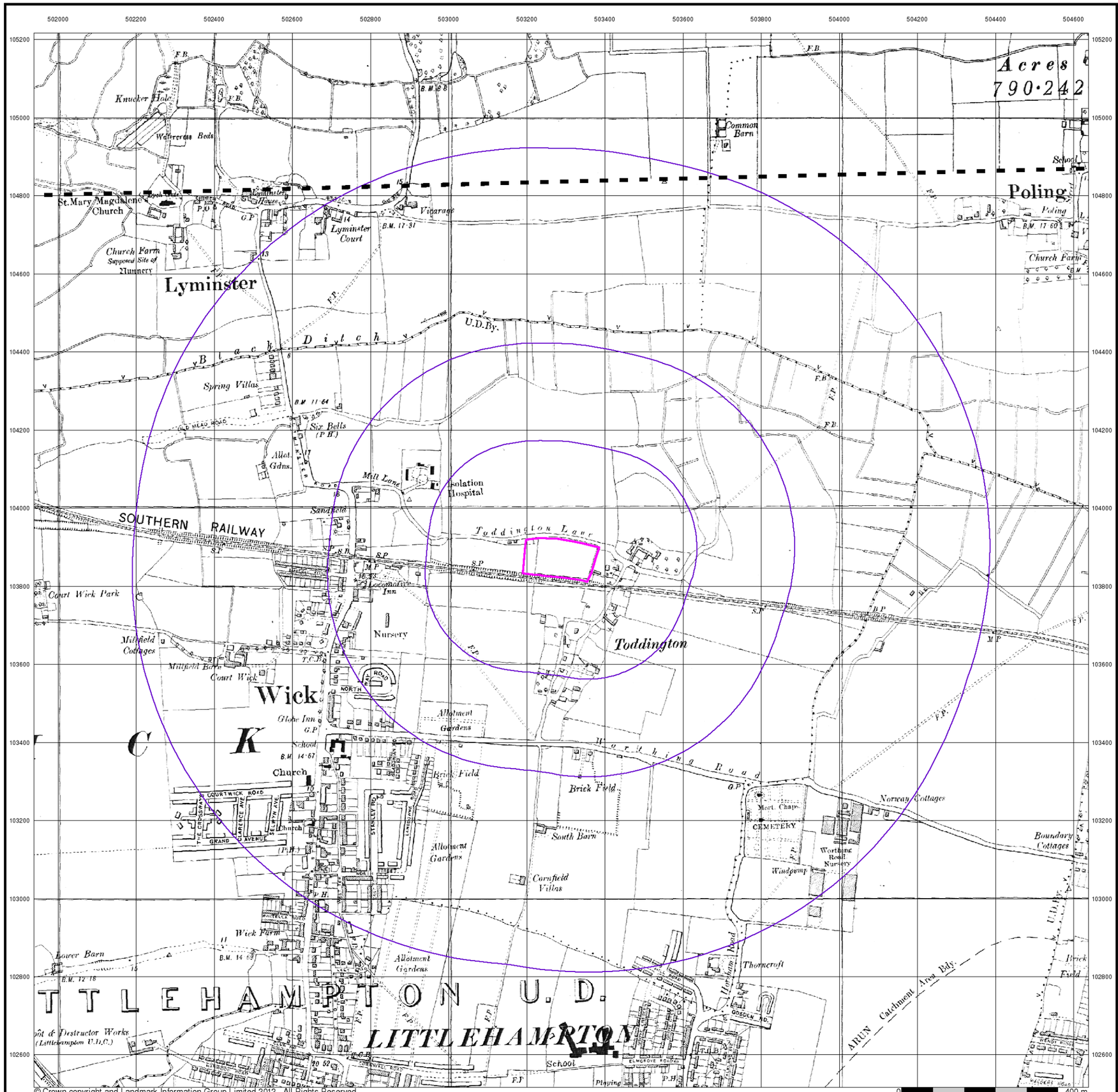
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Order Number:	43199444_1_1
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Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	1000

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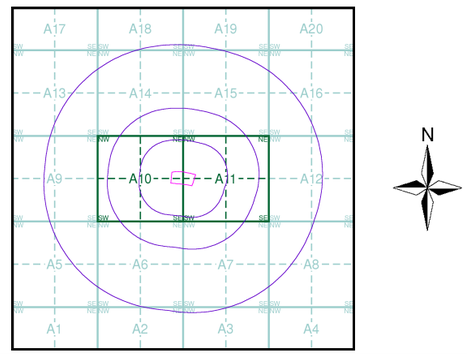
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063NW
1938
1:10,560

063SW
1938
1:10,560

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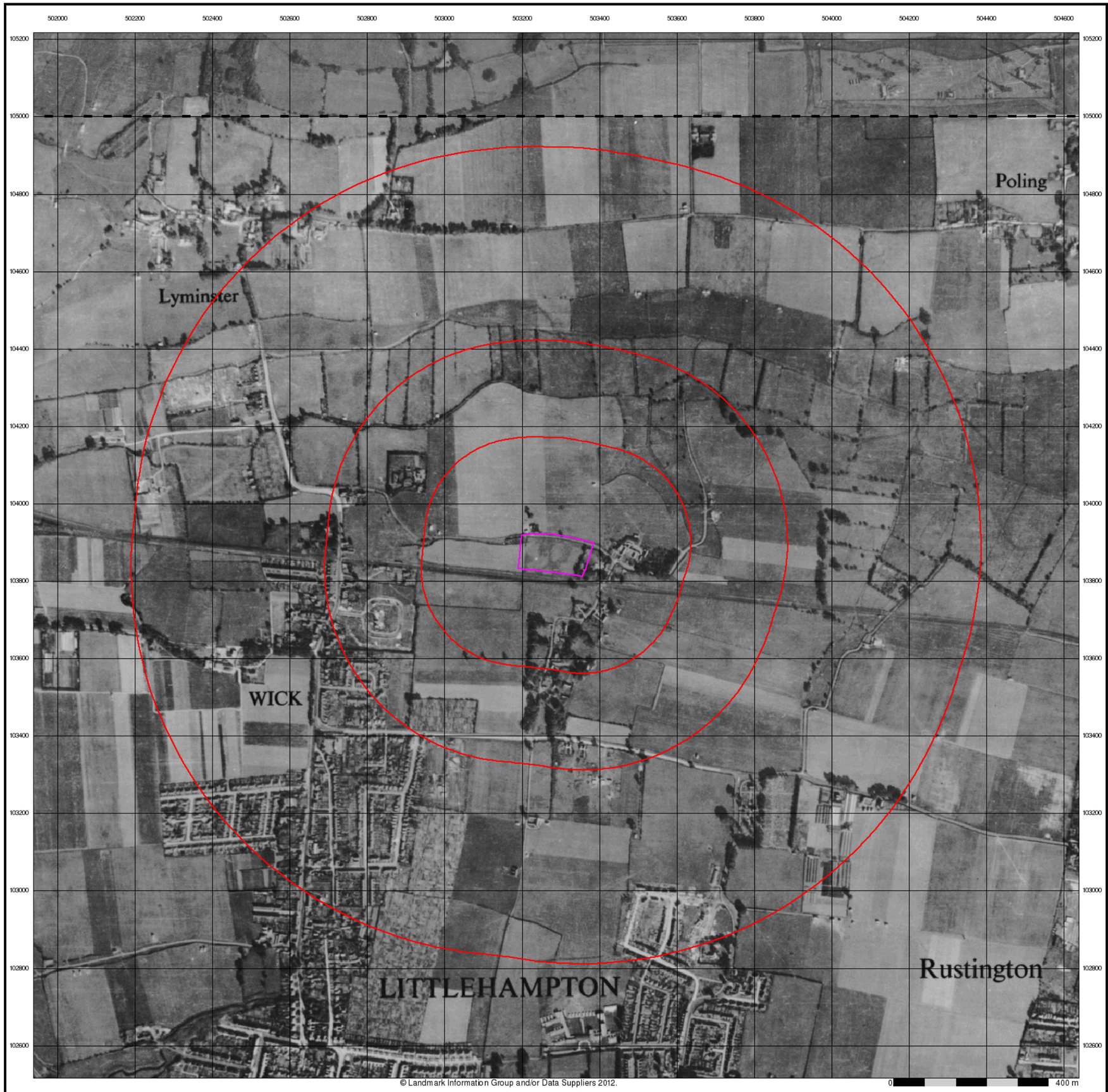
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Historical Aerial Photography

Supplied

Source and Publication Date

The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

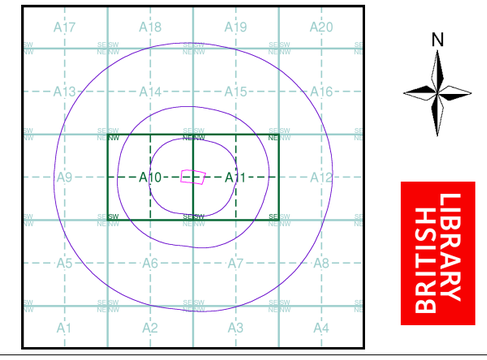
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Maps Provided

TQ00NW
1947
1:10,560

TQ00SW
1947
1:10,560

Historical Aerial Photography Supplied



Order Details

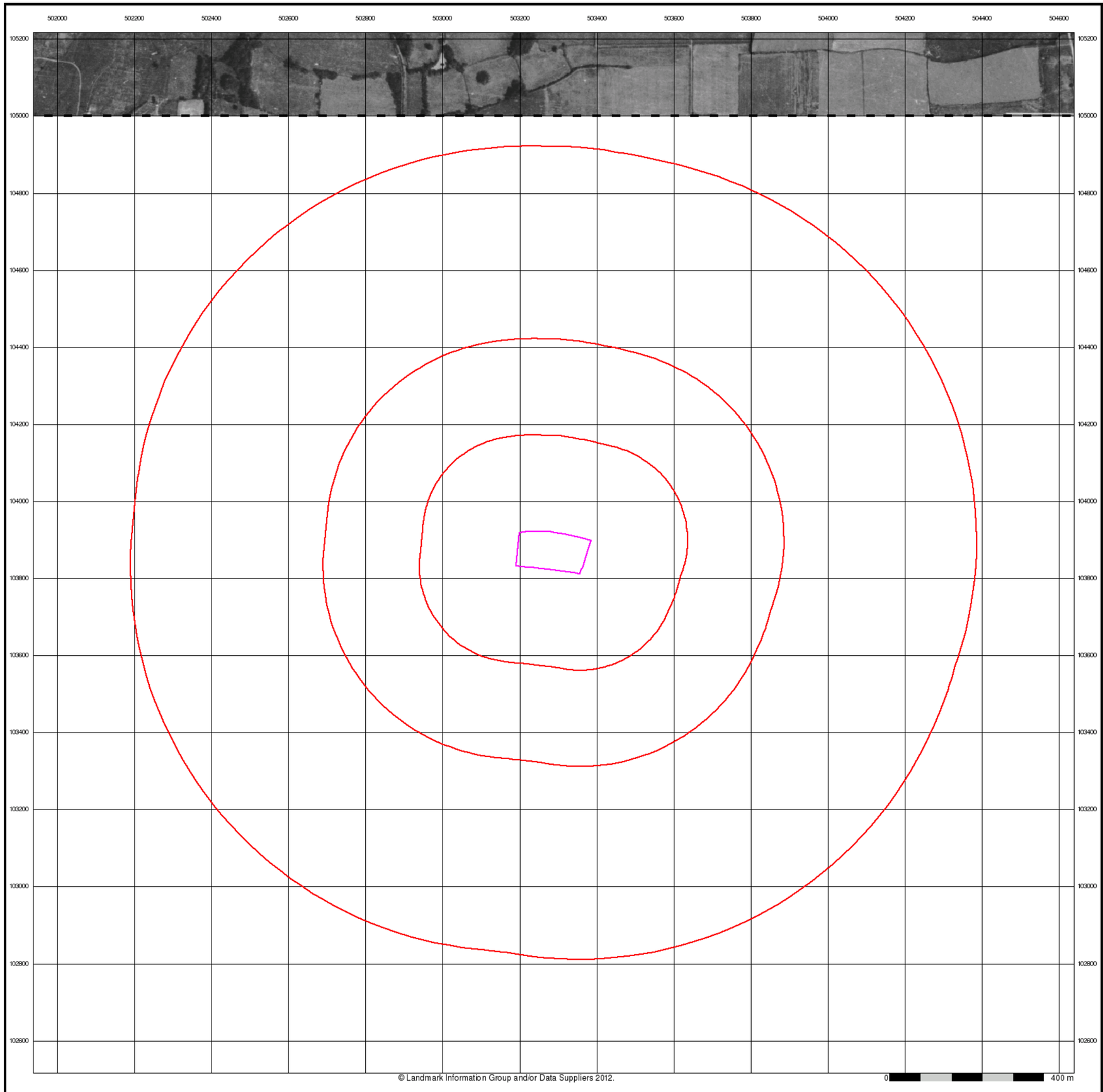
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Customer Ref:	E-E1524
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Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	1000

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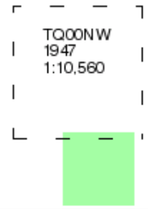
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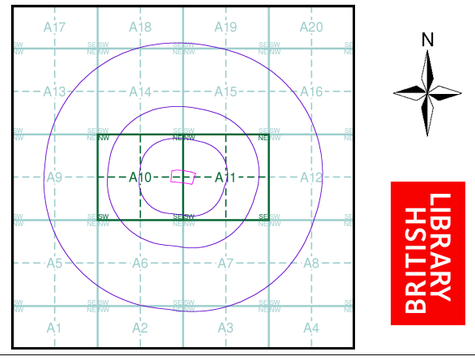
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Mapping Extents



Historical Aerial Photography Sheet



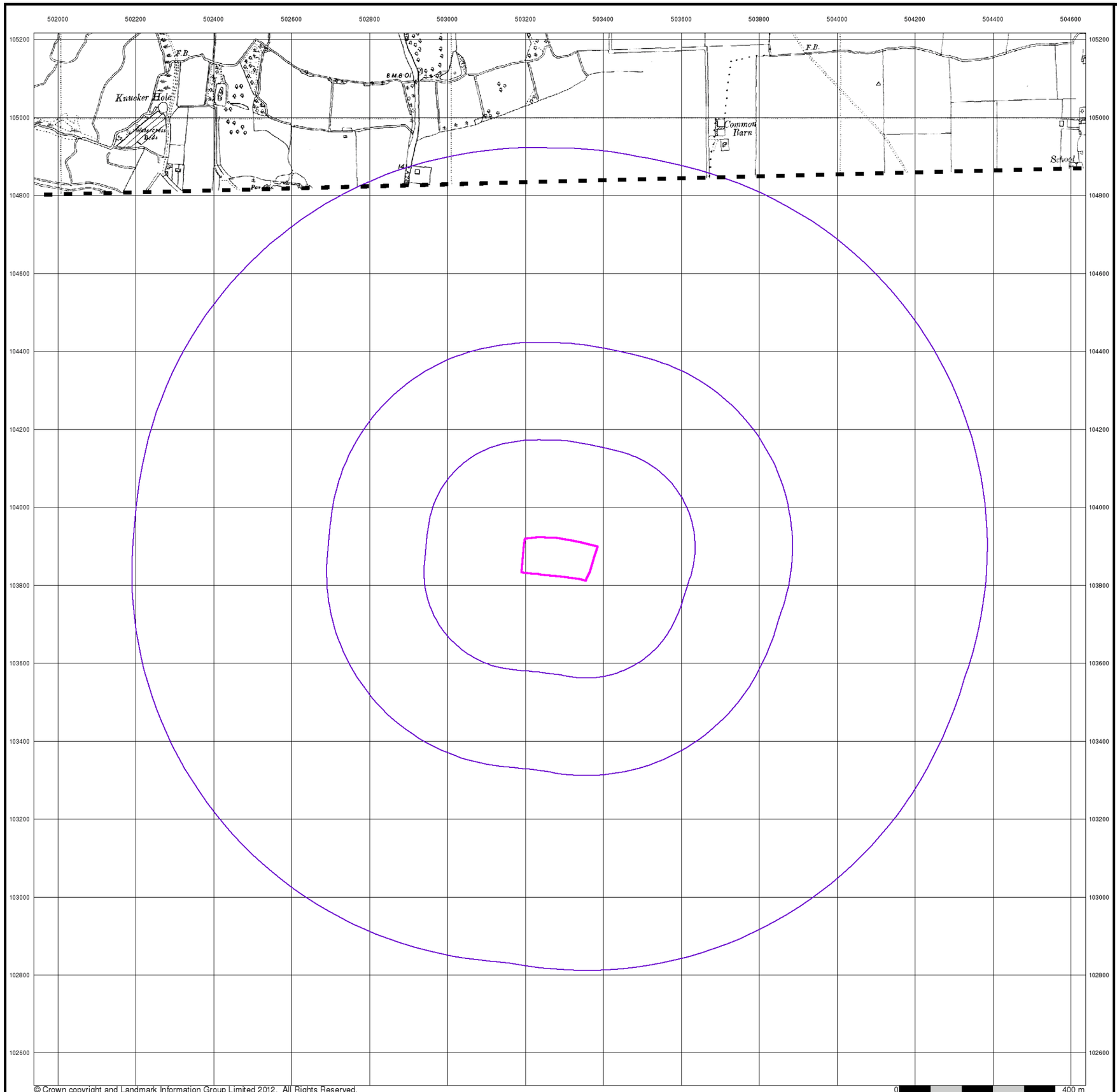
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Customer Ref:	E-E1524
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Site Area (Ha):	1.69
Search Buffer (m):	1000

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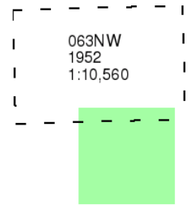
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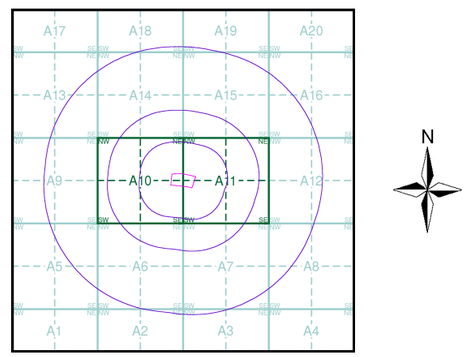
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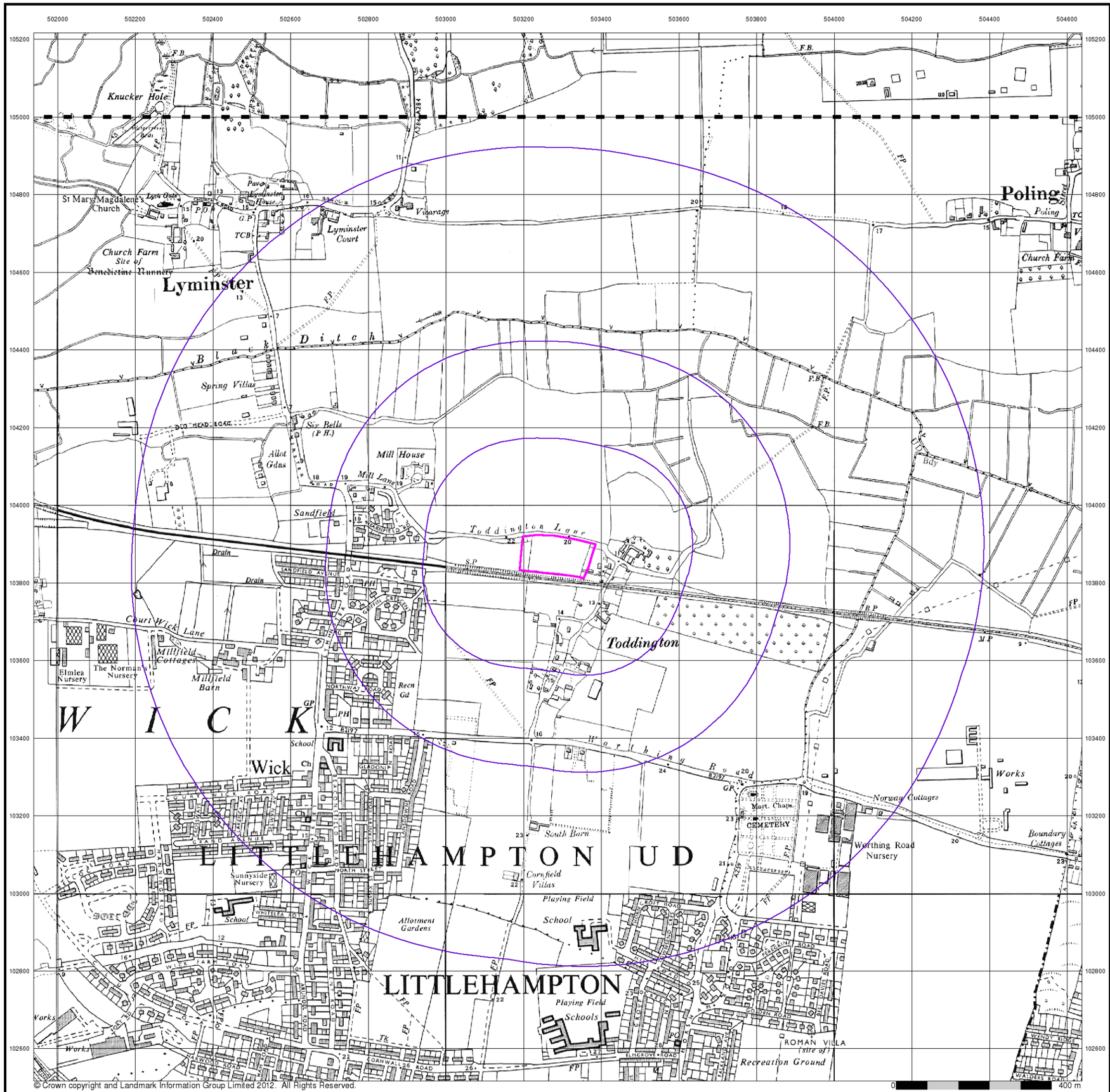
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OPUS

Ordnance Survey Publication

Published

Source Map Scale: 1:10,560

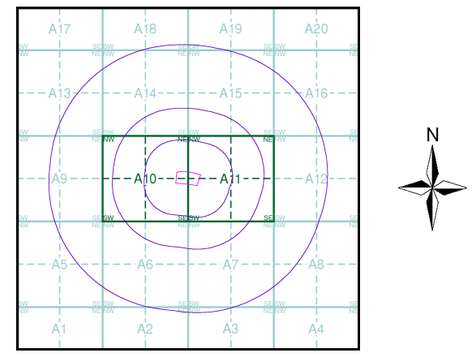
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Mapsheet Bounds

TQ00NW
1961
1:10,560

TQ00SW
1962
1:10,560

Source Map Sheet



Order Details

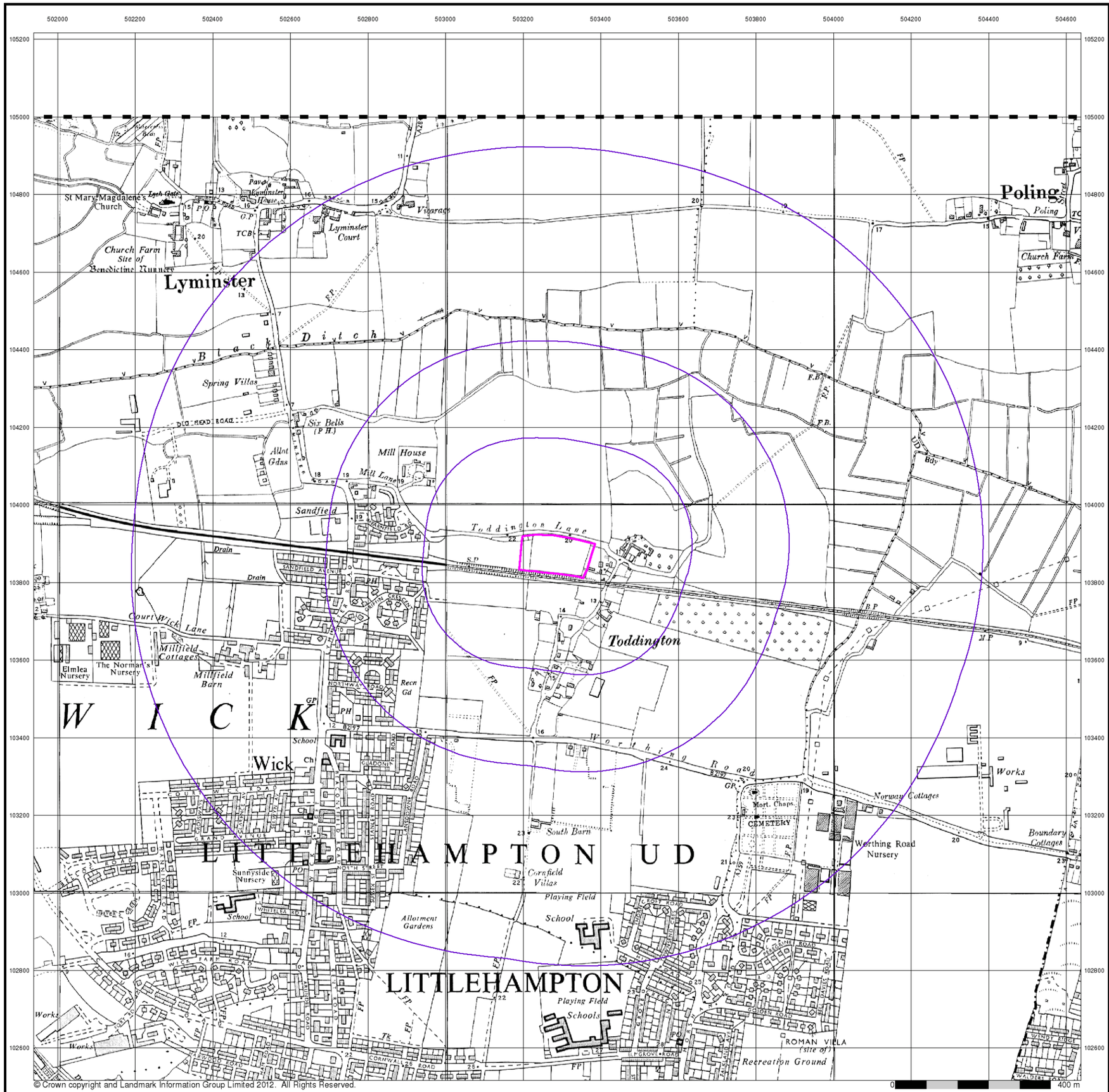
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Search Buffer (m):	1000

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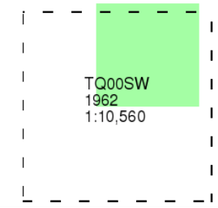
Ordnance Survey Publication

Published

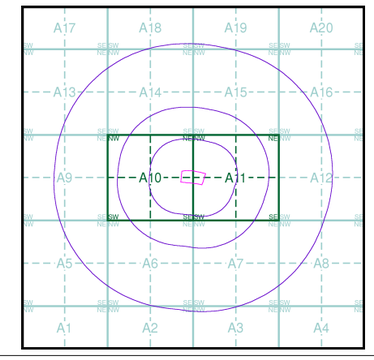
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Mapping Boundaries



Historical Mapping



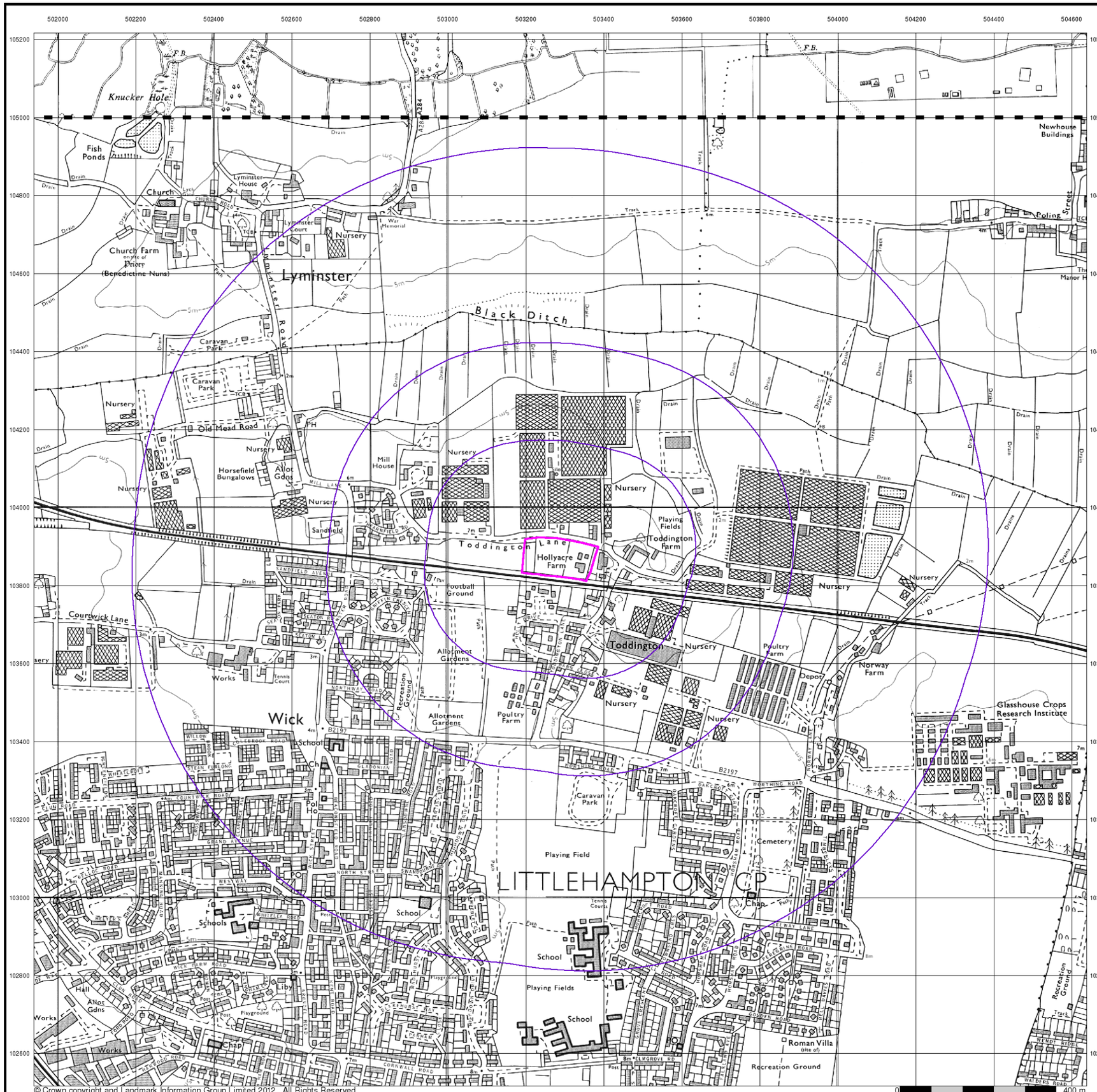
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Ordnance Survey Publication Date

Published Date

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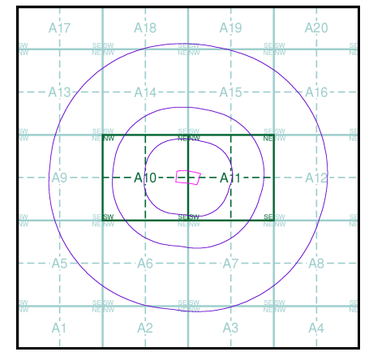
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Map Sheet Numbers

TQ00NW
1974
1:10,560

TQ00SW
1977
1:10,000

Historical Map Sheets



Order Details

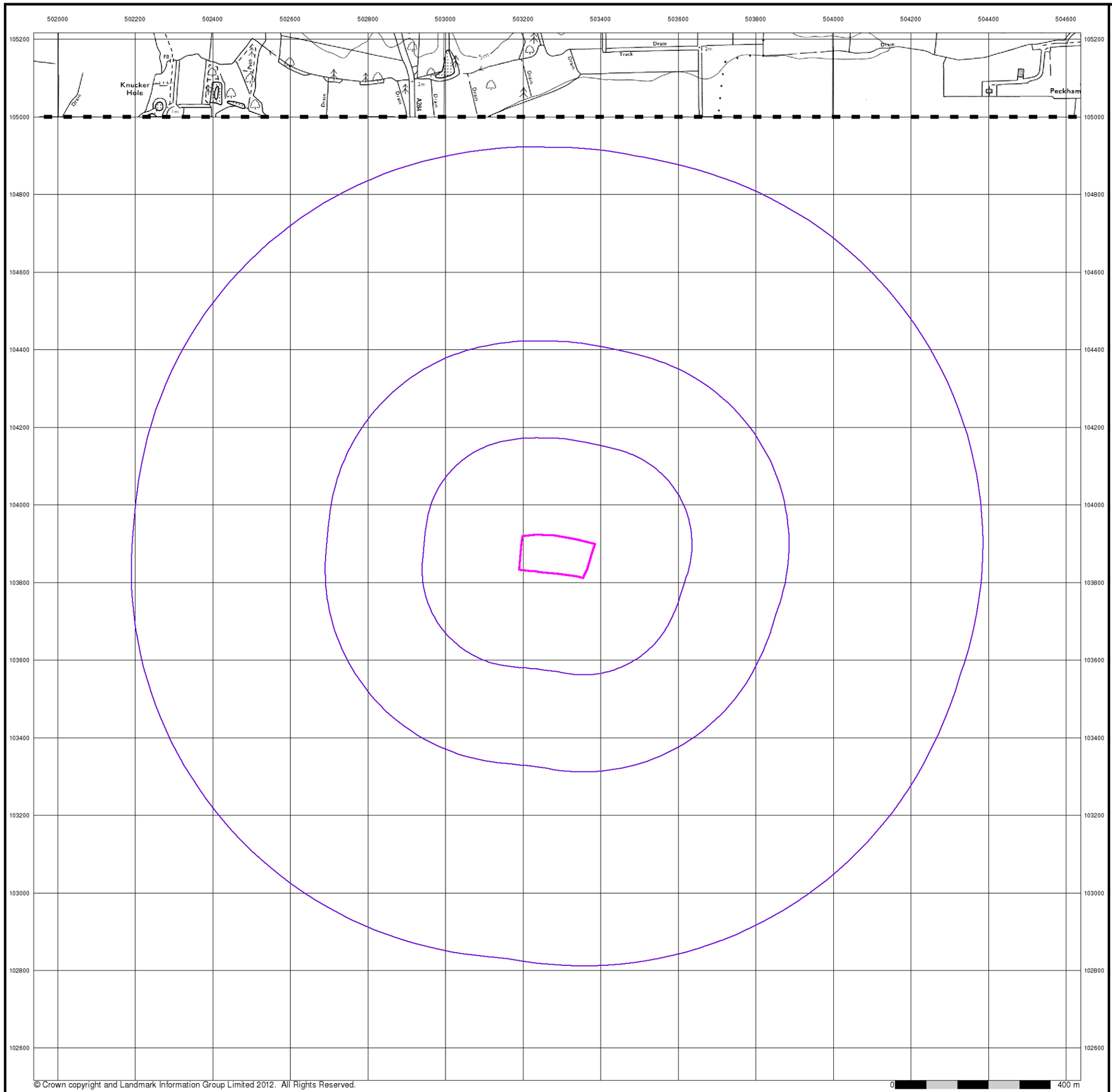
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Site Area (Ha):	1.69
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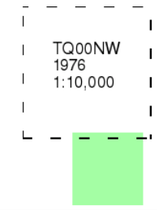
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Ordnance Survey Publication Date

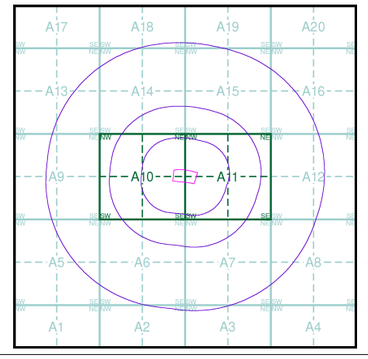
Surveyed: 1976

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Mapping Boundaries



Historical Mapping Sheets



Order Details

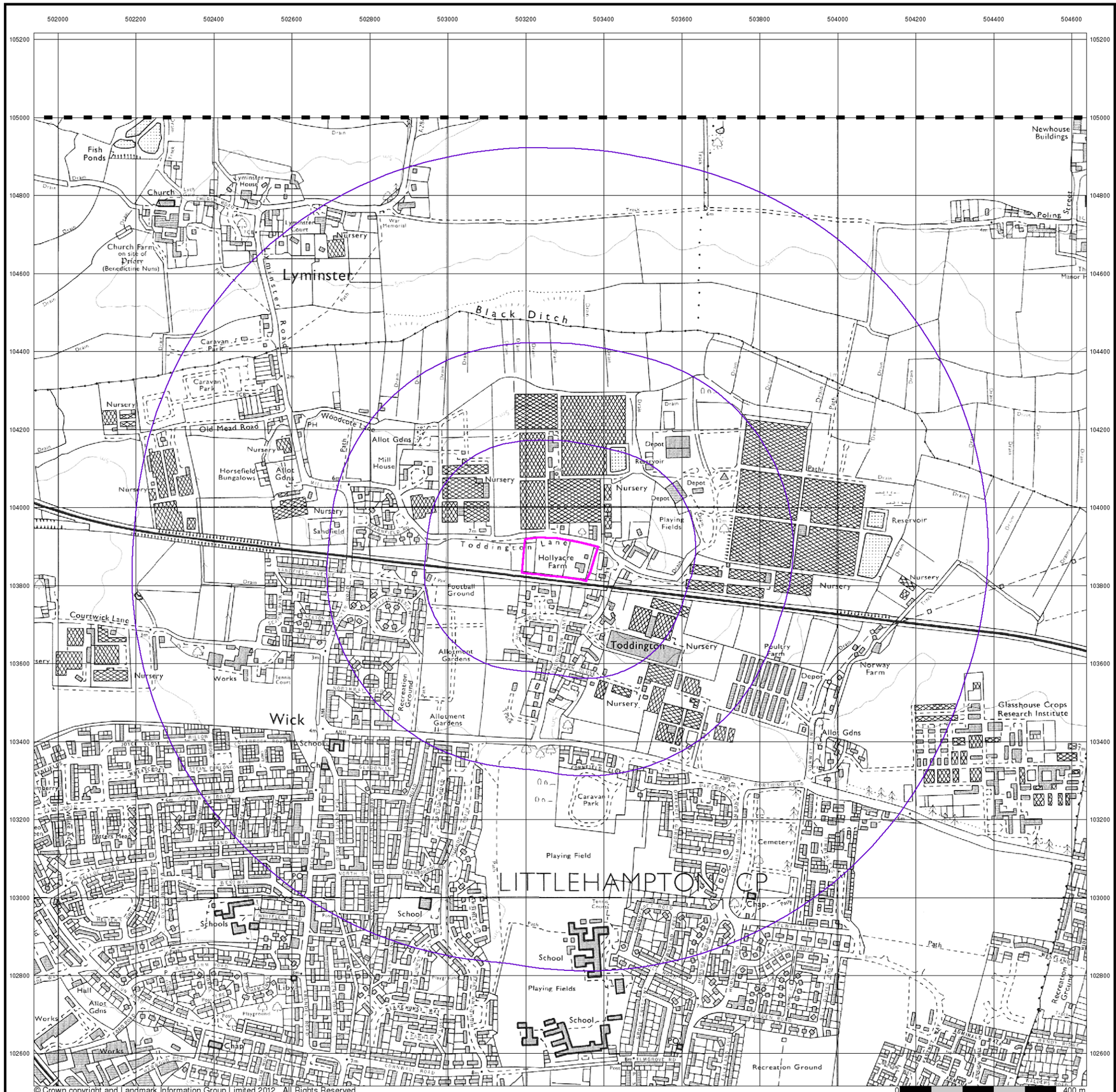
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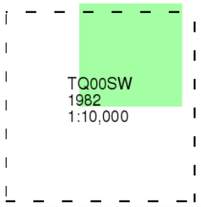
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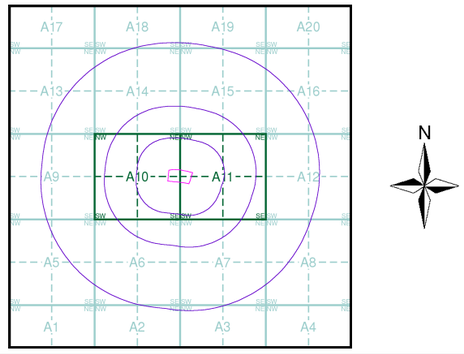
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. 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 10 years or so for urban areas.

M□□□□□□e□s□□nd□□□e□s□



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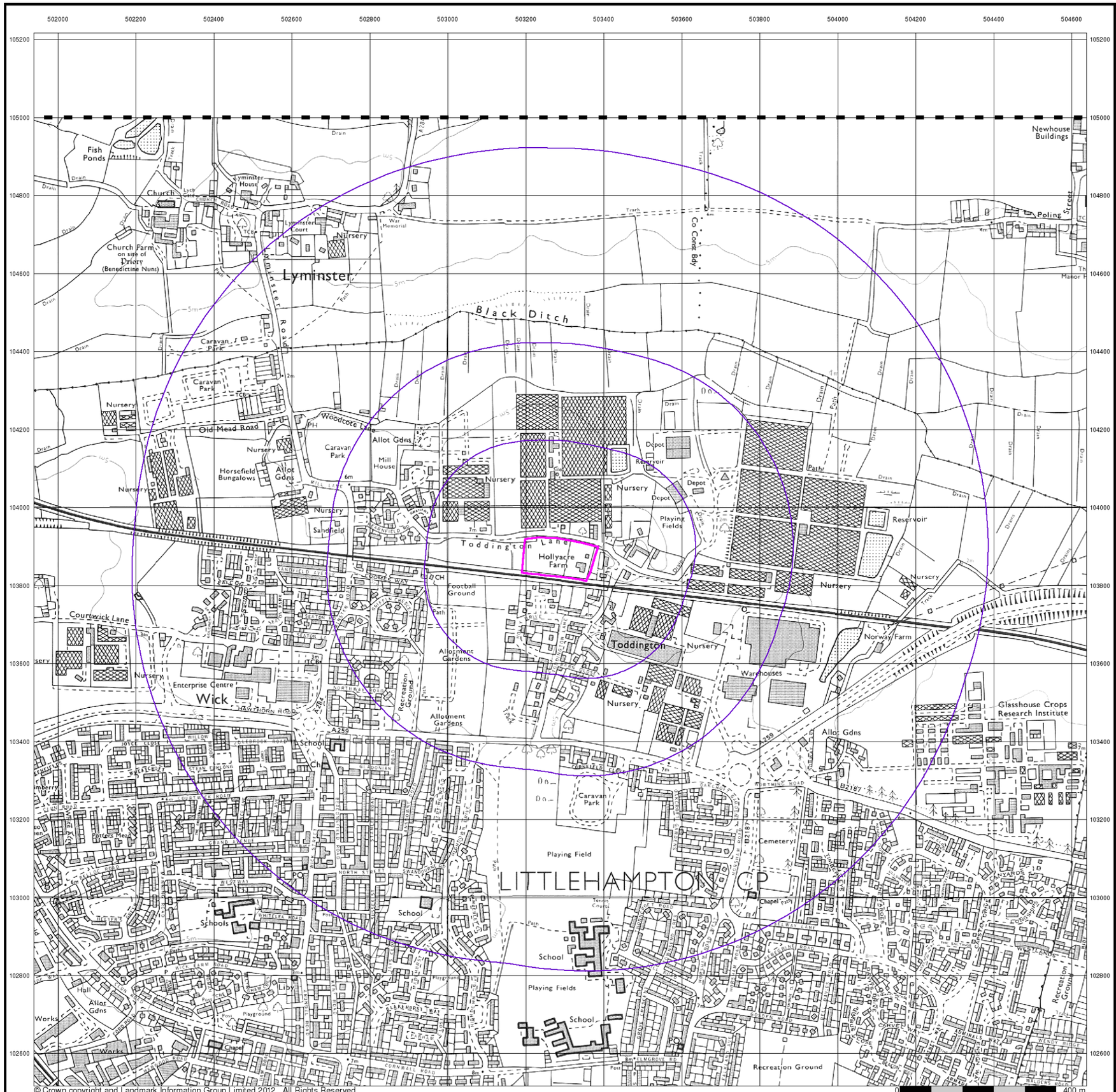
□rder□□e□□□s

Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	1000

S□e□e□□□s

Hollyacre Workshop, Toddington Lane, Wick, Littlehampton, BN17 7PP

Landmark Information Group
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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OPUS

Ordnance Survey Revised

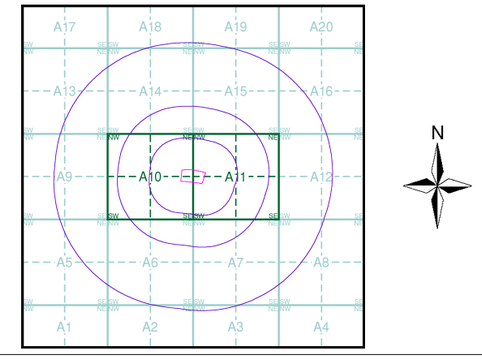
Source map scale: 1:10,000

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.

Mapsheet used

TQ00SW
1993
1:10,000

Historical Mapsheet



Order Details

Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	1000

Site Details

Hollyacre Workshop, Toddington Lane, Wick, Littlehampton, BN17 7PP

Landmark Information Group
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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OPUS

User Mapping Requested

Source of Supplied Data:

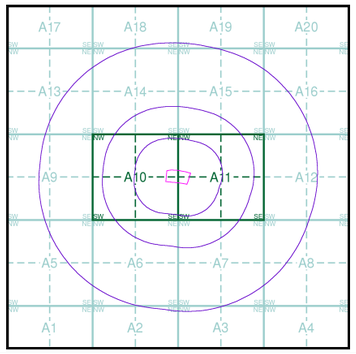
The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Mapping Extends

TQ00NW 2006 1:10,000

TQ00SW 2006 1:10,000

Sorting Mapsheet



Order Details

Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	1000

Site Details

Hollyacre Workshop, Toddington Lane, Wick, Littlehampton, BN17 7PP

Landmark Information Group
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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0 400 m

OPUS

User Mapping Requested

Source of Supplied Data:

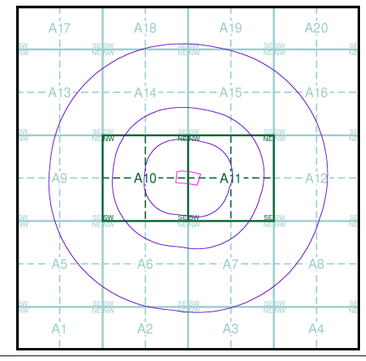
The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Mapping Extents

TQ00NW 2012 1:10,000

TQ00SW 2012 1:10,000

Historical Mapping



Order Details

Order Number:	43199444_1_1
Customer Ref:	E-E1524
National Grid Reference:	503280, 103870
Slice:	A
Site Area (Ha):	1.69
Search Buffer (m):	1000

Site Details

Hollyacre Workshop, Toddington Lane, Wick, Littlehampton, BN17 7PP

Landmark Information Group

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Appendix E:

Site Walkover Survey

Photographs

ARUN DISTRICT COUNCIL LU/116/13/



Photograph 1: General view of signboard for Hollyacre



Photograph 2: General view of main site entrance



Photograph 3: General view of above ground fuel tank with blockwork bund and toilet block



Photograph 4: General view of above ground fuel tank



Photograph 5: General view of water pump house with water tank to the RHS



Photograph 6: General view of buildings to the east of the entrance used by Tunmore Builders



Photograph: 7: General view of compound adjacent to the east boundary previously used by a scaffolding company



Photograph 8: General view of compound used by Tunmore Builders



Photograph 9: Further view of compound used by Tunmore Builders



Photograph 10: General view of LPG tank adjacent to the east site boundary



Photograph 11: General view of workshop building in the south east corner of the site



Photograph 12: General view of potential oil staining to the ground adjacent to abandoned ambulance vehicle adjacent to the east site boundary



Photograph 13: General view inside the workshop



Photograph 14: Detailed view of hydraulic lift in the workshop



Photograph 15: General view of storage to the rear of the workshop



Photograph 16: General view of storage to the rear of the workshop



Photograph 17: Detailed view of plastic containers which waste oil is stored in



Photograph 18: Detailed view of potential oil stain adjacent to the south boundary



Photograph 19: General view of warehouse 1 adjacent to the workshop



Photograph 20: General view of timber being cut and treated in warehouse 1 building



Photograph 21: General view of rear of warehouse 1 used for storage of fishing supplies and old cars



Photograph 22: General view between warehouse building 1 and 2



Photograph 23: Detailed view of profiled sheeting which may contain asbestos materials



Photograph 24: General view of nursery field adjacent to Toddington Lane, from the north east corner of the site



Photograph 25: General view of nursery field from the west site boundary



Photograph 26: General view of nursery field from the west site boundary



Photograph 27: General view of nursery field from the access gate from the Hollyacre phase 3 area



Photograph 28: Typical view of remains of the poly tunnels



Photograph 29: General view of area used for burning in the south east corner of the nursery field



Photograph 30: General view of land to the east of the site

Appendix F:

Local Authority EHO Letter

ARUN DISTRICT COUNCIL LU/116/13/

ARUN
DISTRICT COUNCIL
www.arun.gov.uk

Arun District Council
Civic Centre
Maltravers Road
Littlehampton
West Sussex. BN17 5LF

Tel: (01903) 737755
Fax: (01903) 723936
DX: 57406 Littlehampton
Minicom: (01903) 732765
web: www.arun.gov.uk/eh
email: pollution@arun.gov.uk

Lydia Parry
Opus International
Modulus House
Salterns Lane
Fareham
PO16 0QS

9th January 2013
Please ask for:
Matthew Kennett
Environmental Health
Direct Line: (01903)737696

Your Ref:

Our Ref: EH/MRK/C196366

Dear Lydia,

Environmental Information Regulations 2004
Hollyacre, Toddington Lane, West Sussex

Thank you for your payment for your environmental information request received 7th January.

The premise is not on the Contaminated Land/Remediation Register, but is considered as potentially contaminated land due to the current commercial use of the site including Arun Autogas, Turnmore Builders and AP Scaffolding. A bunded above ground storage tank is present on the site. The contents of this tank are unknown but it is assumed to be diesel. The planning history of Hollyacre can be found attached below. This indicates the site received planning permission for the restoration of classic racing cars in 1986.

There is an Environment Agency registered waste management license at Tulleys Nursery (east of Toddington Lane) for the burial of non-biodegradable waste ref WSX/L1/0080.

A publically available environmental document can be found on our website. If you follow the below link;

http://www.arun.gov.uk/main.cfm?type=APPLICATIONSEARCHP

and insert LU/47/11 into the reference. The attached documents contain the Environmental Statement Volume 2 Appendices Part 7/8 that contains details of above ground fuel storage tanks and 4m depths of madeground.

The closest pollution incident was 420m to the north in July 2001 involving a diesel spill.

Approximately 480m to the south of the site is a former landfill by Cornfield Close which received household waste in the 1960s and 70s. Recent monitoring indicates no significant amounts of landfill gas are being produced.

Arun District Council makes every effort to ensure that the Environmental Information it holds is accurate. However, it cannot be held responsible for the accuracy and interpretation of any Environmental Information provided.

Yours sincerely

Matthew Kennett
Pollution Officer

LU/105/66	Land between railway lines and Toddington Lane Littlehampton	Erection of a dutch barn	Planning -	Perm Devel'ment
LU/96/69	Hollyacre Farm Toddington Lane Littlehampton	Erection of one glasshouse	Planning -	Approve Cond
LU/12/69	Hollyacre Farm Toddington Lane Littlehampton	Change of use from agriculture to horticulture	Planning -	Withdrawn
LU/167/64	Land S of Toddington Lane Littlehampton	Outline covered yard barn and shed	Planning -	Perm Devel'ment
LU/321/86	Hollyacre Toddington Lane Littlehampton	Erection of toilet block	Planning -	Approve Cond
LU/402/86	Hollyacre Toddington Lane Littlehampton	Building to be used for restoration of classic sporting and racing motor vehicles	Planning -	Approve Cond
LU/432/73	Hollyacre Farm Toddington Lane Littlehampton	Application for change of use to a residential caravan site	Planning -	Refuse
LU/433/73	Hollyacre Farm Toddington Lane Littlehampton	Application for change of use to a touring caravan site	Planning -	Refuse
LU/434/73	Hollyacre Farm Toddington Lane Littlehampton	Outline application for a housing estate	Planning -	Refuse
LU/438/86/B	Hollyacre Toddington Lane Littlehampton	Change of use for restoration of classic sporting and racing motor vehicles	Building -	
LU/464/81/B	Hollyacre Toddington Lane Littlehampton	Erect an agricultural building	Building -	Permitted
LU/599/78	Hollyacre Farm Toddington Littlehampton	3 polythene tunnels car parking and office and use of part of site for garden centre	Planning -	Approve Cond
LU/605/84	Holly Acre Toddington Lane Littlehampton	Change of use of agricultural building into storage building for builders materials only	Planning -	Withdrawn
LU/65/56	North of railway and west of Toddington Littlehampton	Outline application erection of dwelling	Planning -	Temp Permission
LU/68/62	Toddington Lane north of railway line and east of proposed new road Littlehampton	O/A for residential dev	Planning -	No Dec'n Given
LU/69/85	Hollyacre Toddington Lane Littlehampton	Retrospective application for continued use of existing building and compound as a builders material store only	Planning -	Approve Cond
LU/77/65	Land South of Toddington Lane Adjacent to Railway Littlehampton	Outline application for the erection of a building for agricultural purposes	Planning -	Approve Cond
LU/115/65	Land south of Toddington Lane Littlehampton	Erection of 2 agricultural building	Planning -	Approve Cond

LU/559/88	Hollyacre Toddington	Mr H F Whitaker	23/09/1988	Continued use of builders store as	Planning - Plan	Approve Conditionaly

	Lane Littlehampton West Sussex			previously allowed on LU/69/85	Application	
LU/238/91	Hollyacre Toddington Lane Littlehampton West Sussex	Venture Windows	06/09/1991	Part Change of Use of agricultural building to use for storage of materials and plant associated with Venture Windows and Doors Ltd.(Includes office use).	Planning - Plan Application	Appeal
LU/124/95	Hollyacre Toddington Lane Littlehampton	Venture Windows & Doors Ltd	28/04/1995	Renewal of temporary consent LU/238/91 for part change of use of agricultural building to use for storage of materials and plant associated with Venture Windows and Doors Ltd.(Includes office use).	Planning - Plan Application	Approve Conditionaly
LU/30/07/TEL	Hollyacre Toddington Lane Littlehampton	T-Mobile (UK) Ltd	22/01/2007	Prior Notification for installation of 15m high monopole and associated equipment cabinets	Planning - Telecom Comms	No Objection
LU/357/08/EIS	Land adjacent to Toddington Lane Littlehampton	WYG Environment	12/12/2008	Request for scoping Opinion North Littlehampton Urban Extension.	Planning - Scoping Opinion	Scoping Issued

Appendix G:

Historic Planning Records

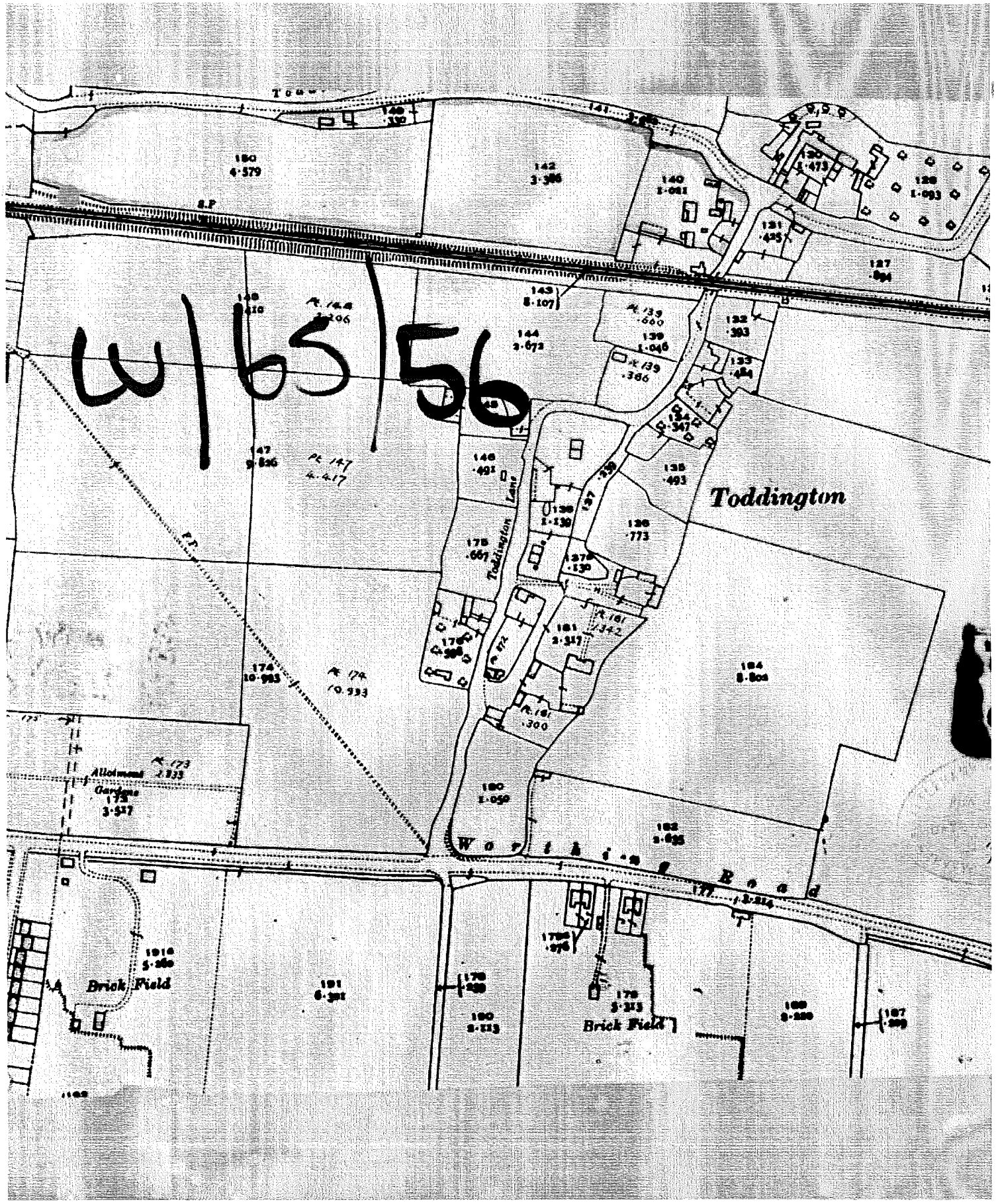
LU-65-56	**Outline application for erection of dwelling**
LU-167-64	**Outline application for covered cattle yard, barn and shed**
LU-77-65	**Outline application for the erection of a building for agriculture purposes**
LU-115-65	**Erection of two agricultural buildings**
LU-96-69	**Erection of one glasshouse**
LU-599-78	**Erection of 3 polythene tunnels, car parking and office and use of part of the site for garden centre**
LU-321-86	**Erection of toilet block**
LU-402-86	**Building to be used for restoration of classic sporting and racing motor vehicles**
LU-16-58	**Erection of piggery to the east of the site**
LU-226-67	**Demolition of existing dwellings and erection of a terrace of three houses for use by agriculture workers**

ARUN DISTRICT COUNCIL LU/116/13/

Planning Ref: LU-65-56

Outline application for erection of dwelling

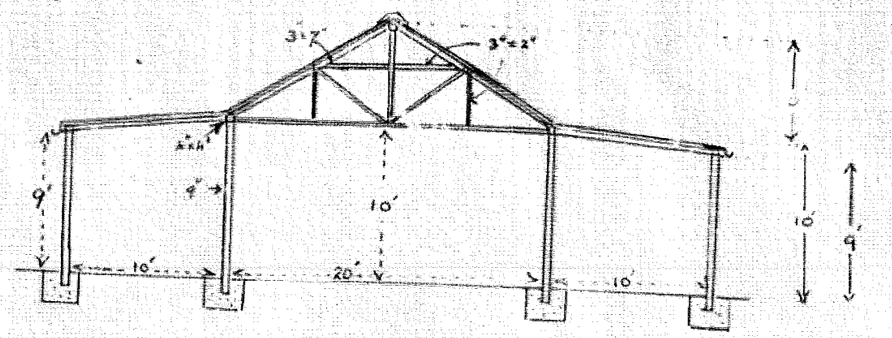
ARUN DISTRICT COUNCIL LU/116/13/


Toddington
Toddington Lane
Brick Field
Brick Field
Allotment
Garages
F.P.
W 1 b S 1 56

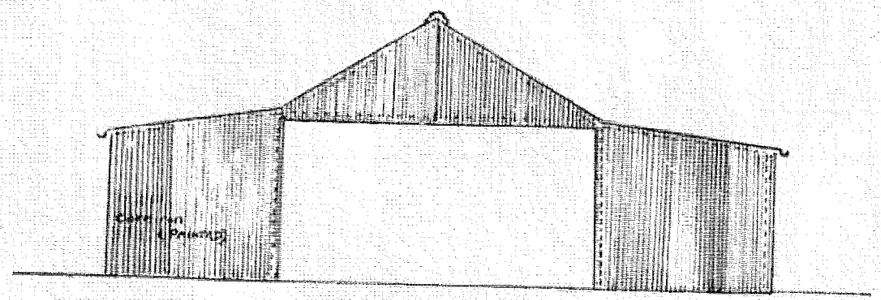
Planning Ref: LU-167-64

Outline application for covered cattle yard, barn and shed

ARUN DISTRICT COUNCIL LU/116/13/

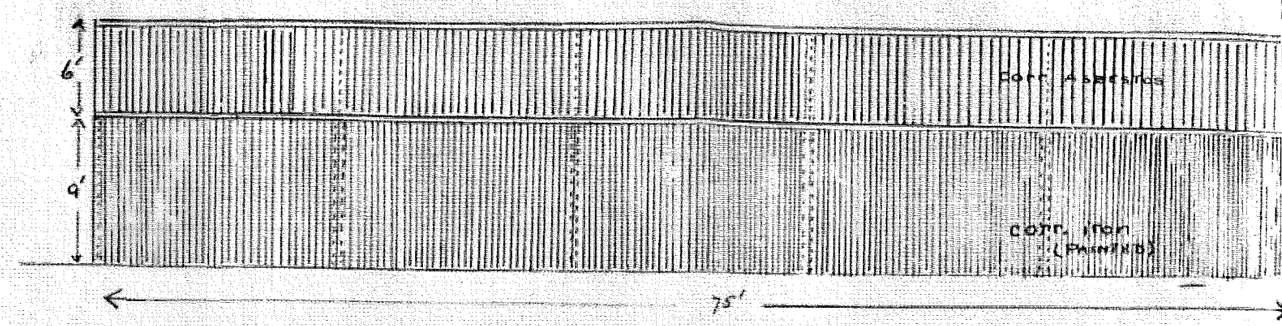


CROSS SECTION

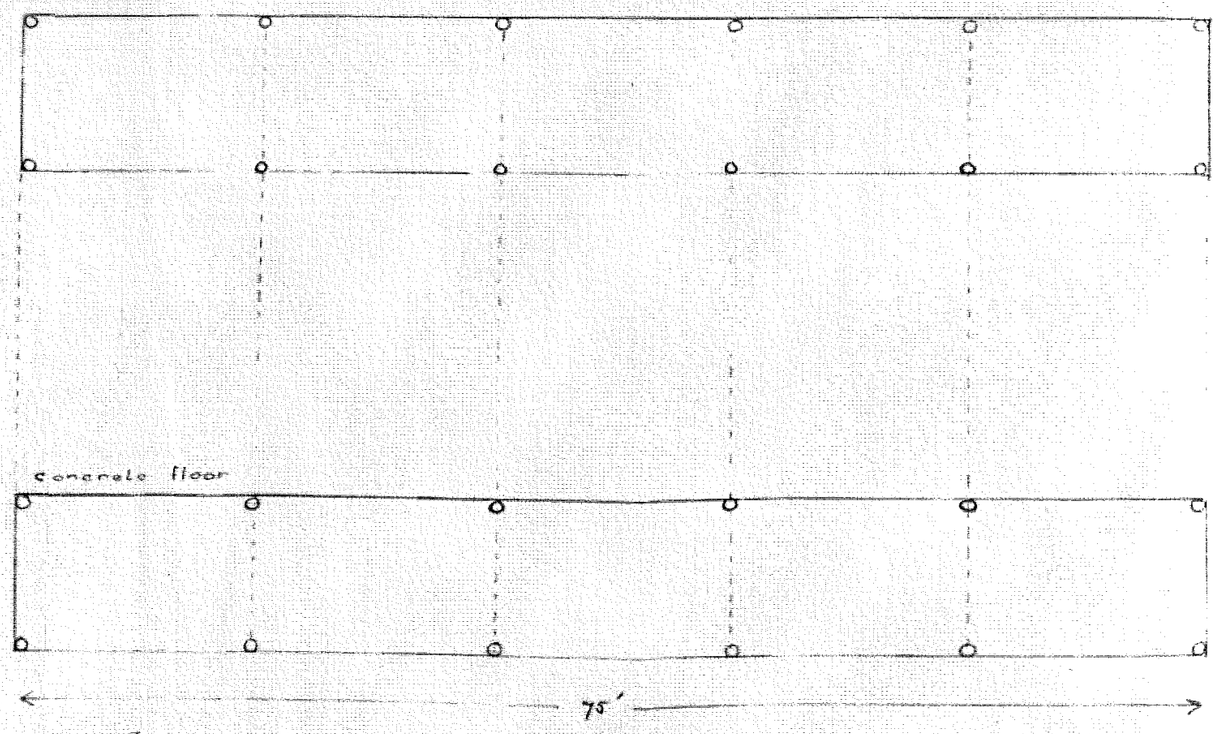


ENDS OF SHED OPEN

END ELEVATION



SIDE ELEVATION



PLAN

PROPOSED COVERED CATTLE YARD
AT TODDINGTON
FOR C. DeB. HOVELL ESQ.
SCALE 1/8" to 1ft.

LU/167/64

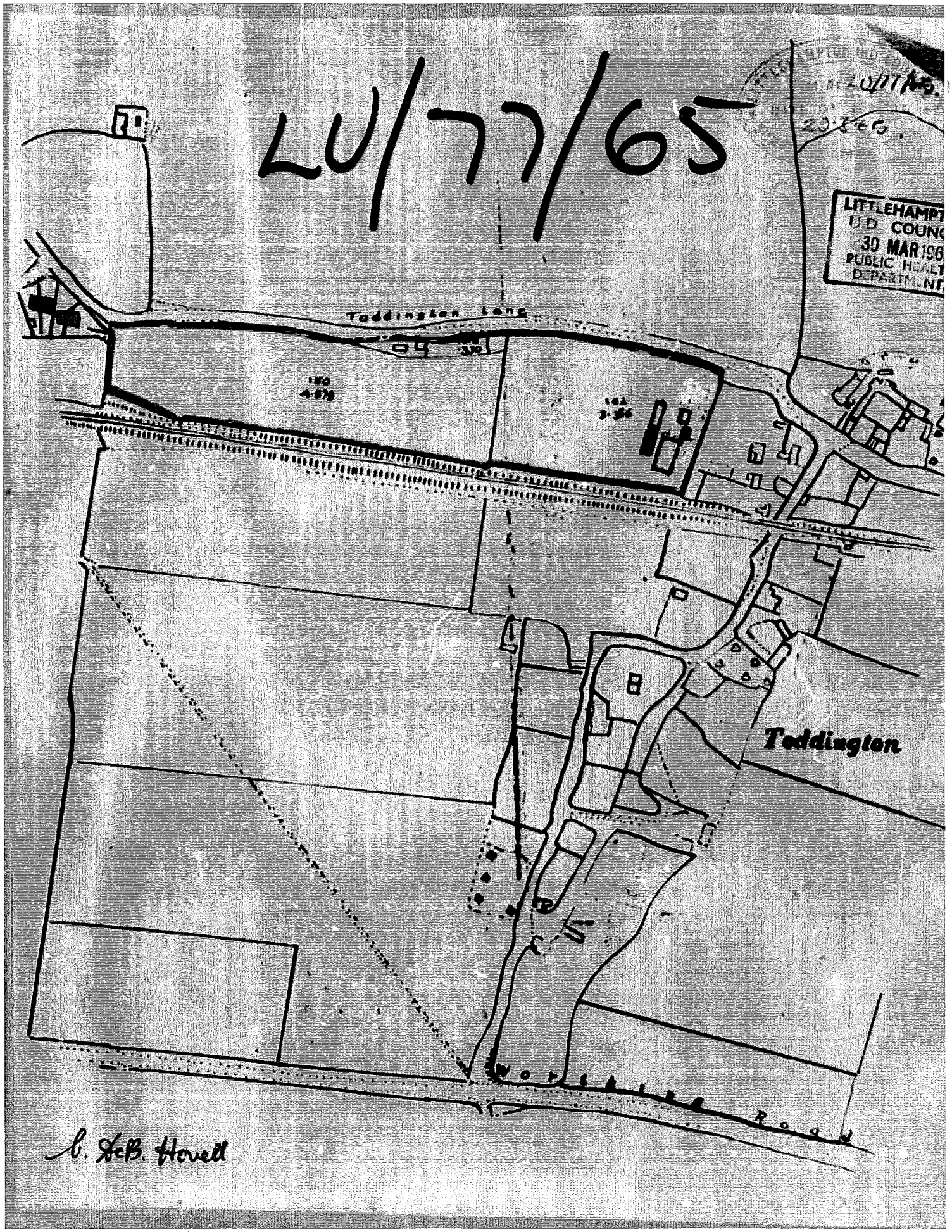
b. deB. Hovell

ARUN DISTRICT COUNCIL`LU/116/13/

Planning Ref: LU-77-65

Outline application for the erection of a building for agricultural purposes

ARUN DISTRICT COUNCIL LU/116/13/



ARUN DISTRICT COUNCIL LU/116/13/

30 MAR 1965
PUBLIC HEALTH
DEPARTMENT.

20/11/65.
29.3.65.

LU
77

65

PLAN

45'-0"

21'-0"

4'-0"

8'-0"

18'-0"

6'-0"

SIDE ELEVATIONS

END ELEVATIONS

T. Skeys Howell

Proposed building for [illegible] GARAGE

RECONSTRUCTED BUILDINGS

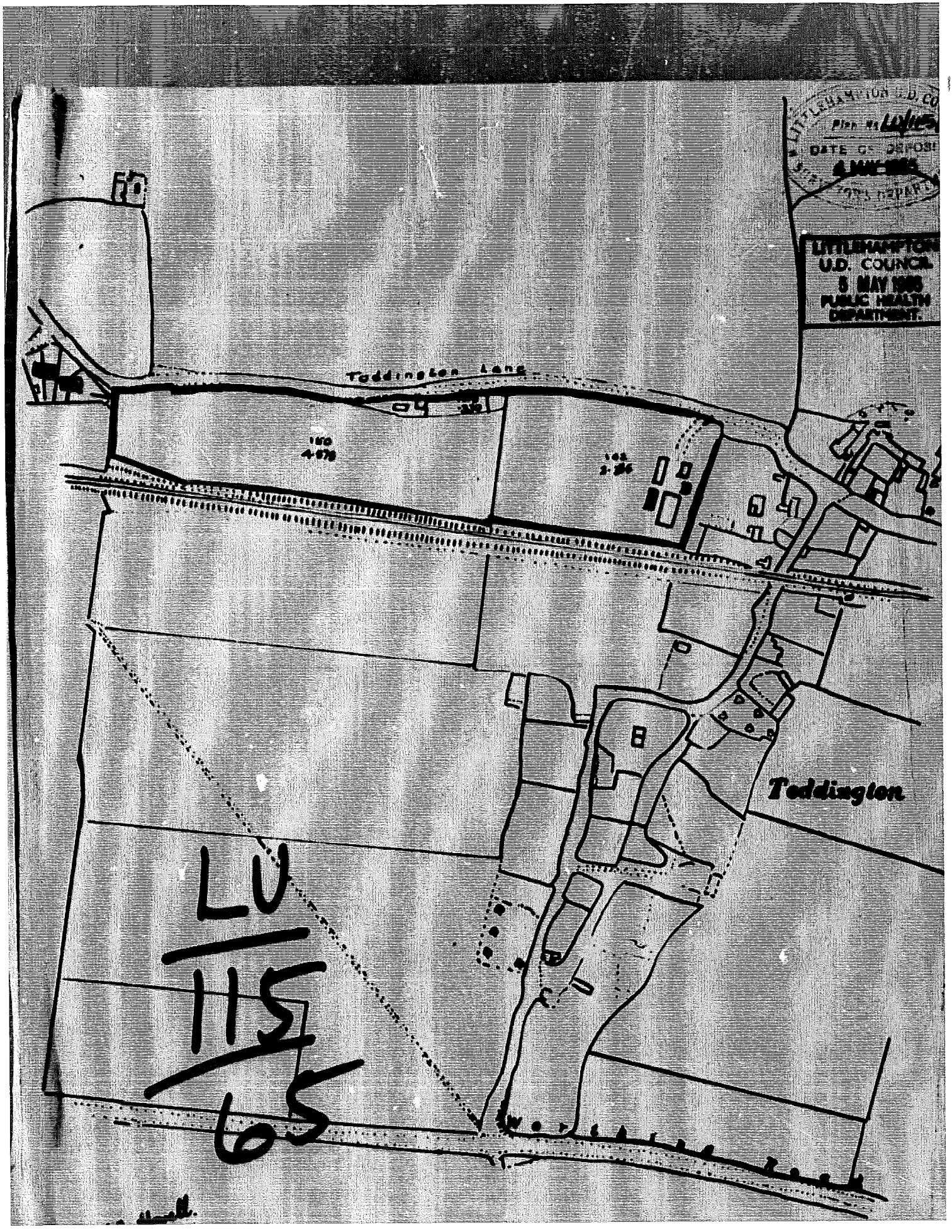
FRAME — STEEL
UPRIGHTS — 4" x 3" R.S.J's
CLADDING — TRAFFORD TILE — ASBESTOS

SCALE — 1/8" equals 1'-0"

Planning Ref: LU-115-65

Erection of two agricultural buildings

ARUN DISTRICT COUNCIL LU/116/13/

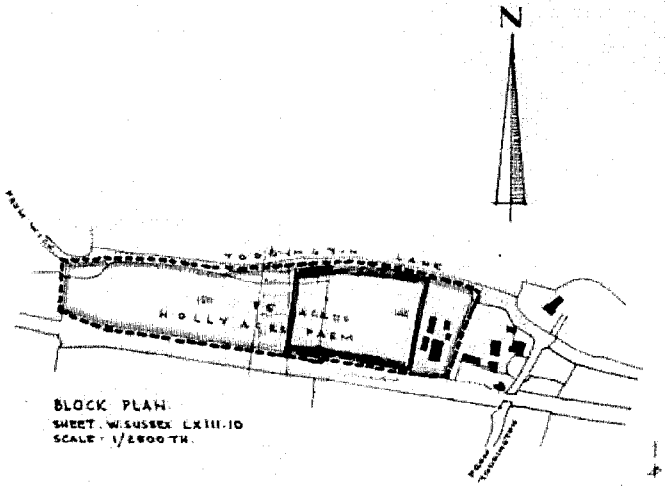


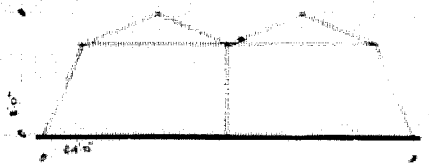
LITTLEHAMPTON U.D. COUNCIL
5 MAY 1965
PUBLIC HEALTH DEPARTMENT.

Planning Ref: LU-96-69

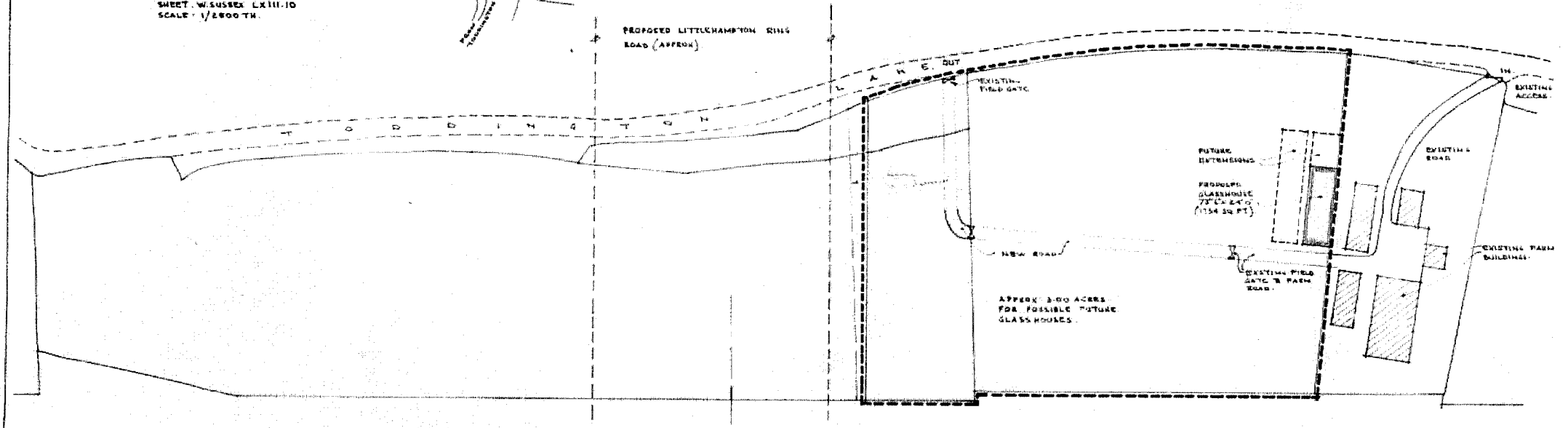
Erection of one glasshouse

ARUN DISTRICT COUNCIL LU/116/13/





TYPICAL CROSS SECTION OF GLASSHOUSE.
SCALE 1/4" TO 1'-0"



SITE PLAN.

SCALE: 1/500 FEET.

LU/96/69

GENERAL NOTES

All dimensions and details on this Drawing to be checked by the Contractor on site, before fabrication and erection. All figured dimensions to supersede scaled dimensions.

HOLLY ACRE FARM, TODDINGTON, L'TON.

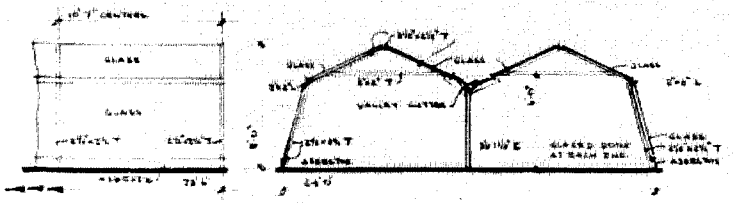
for MR C. De B. HOVELL.

PROPOSED AGRICULTURAL GLASSHOUSE.

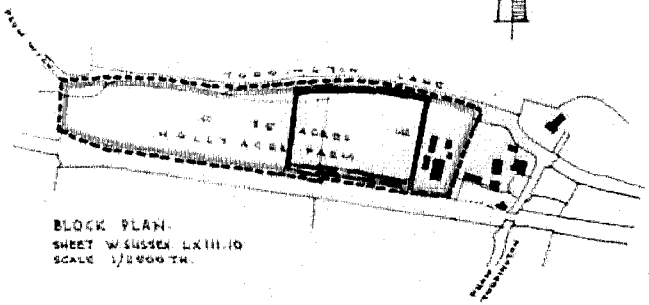
[redacted]	AS NOTED	24 1 64	P.S.C.
ARCHITECTURAL & TOWN PLANNING DEPARTMENT 7 ARCADE ROAD LITTLEHAMPTON Telephone LITTLEHAMPTON 7205	job number 1017	sheet number 1-1	

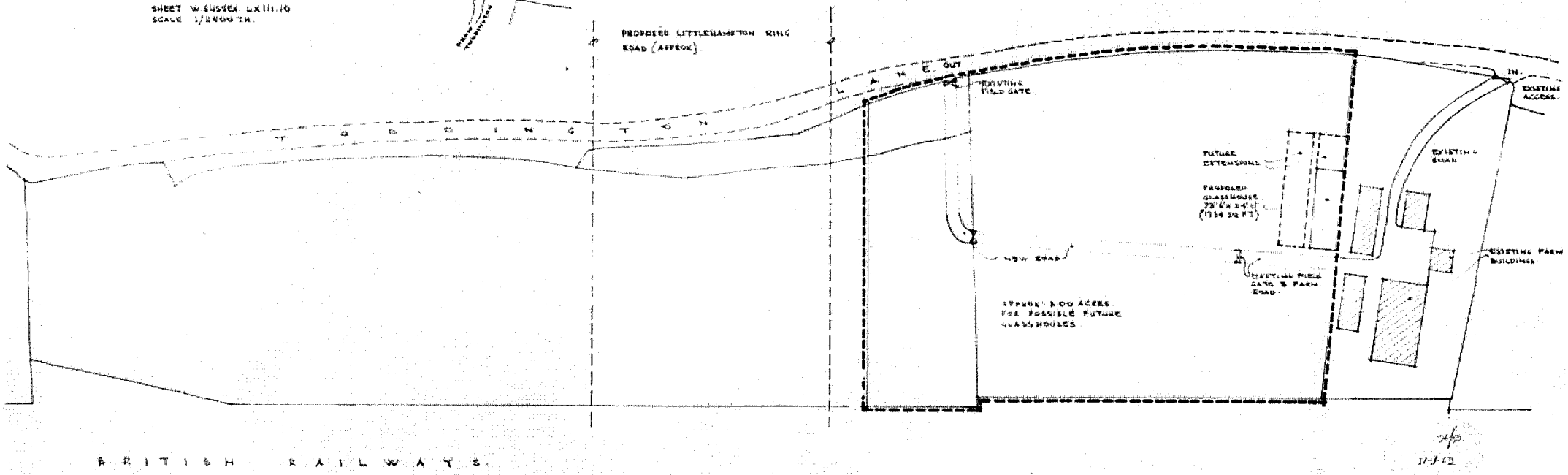
ARUN DISTRICT COUNCIL LU/116/43/

No.	Revision	Date	Drawn
A.	GLASS HOUSE CONSTRUCTION ADDED.	28 3 69	P.D.C



TYPICAL CROSS SECTION OF GLASSHOUSE.
SCALE 1/4" TO 1'-0"





SITE PLAN.
SCALE- 1/500 FEET.

LO/96/69

GENERAL NOTES
All dimensions and data on this Drawing to be checked by the Contractor on site before fabrication and erection. All figured dimensions to supersede scaled dimensions.

HOLLY ACRE FARM,
TODDINGTON, L'TON.
For MR C De B HOVELL.

PROPOSED AGRICULTURAL GLASSHOUSE.

Scale	Date	Drawn
AS NOTED	21 3 69	P.D.C

ARCHITECTURAL & TOWN PLANNING DEPARTMENT
7 ARCADE ROAD

Job Number 1017 Sheet Number 1-1A

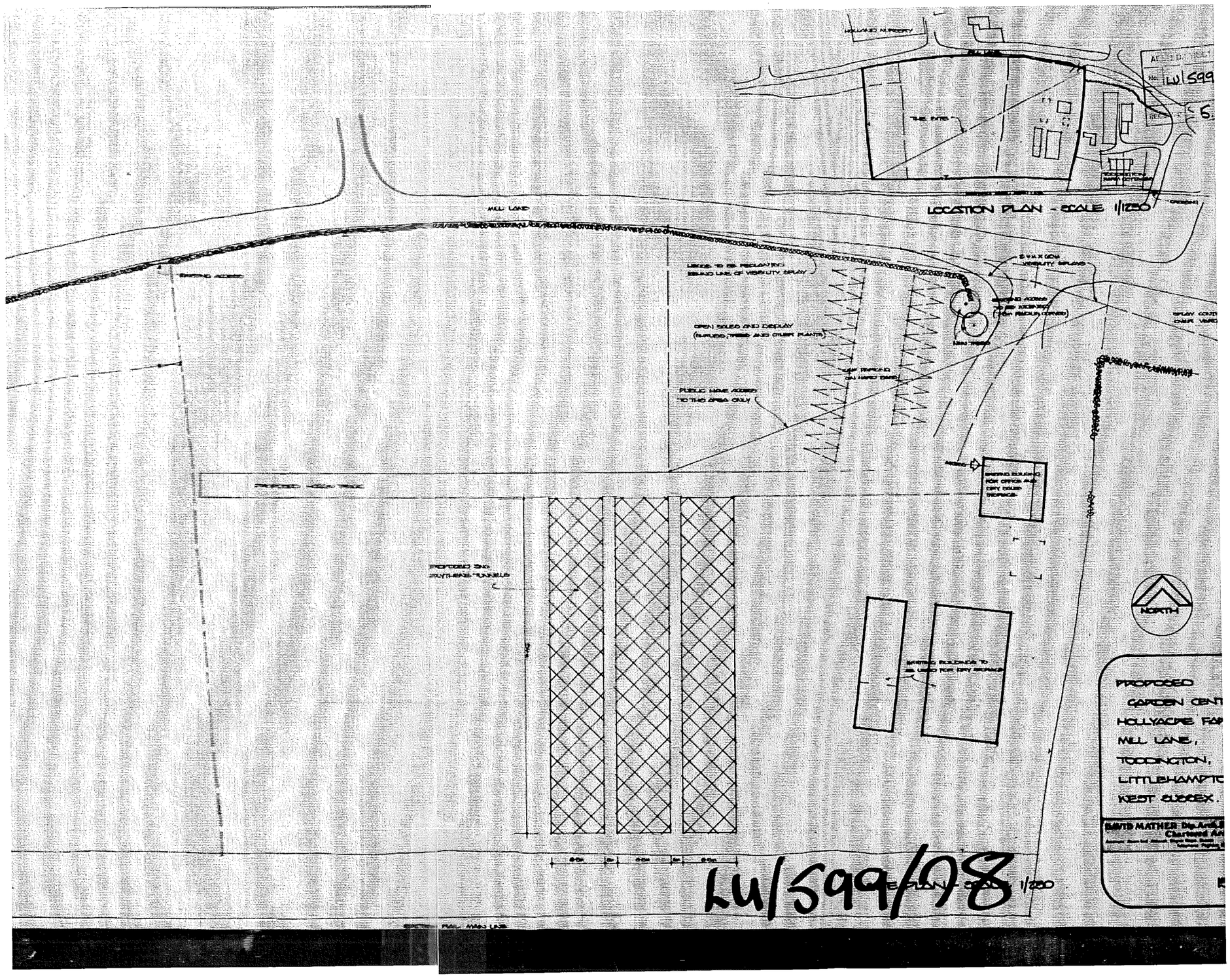
96/69
31-3-69

ARUN DISTRICT COUNCIL 01/16/137

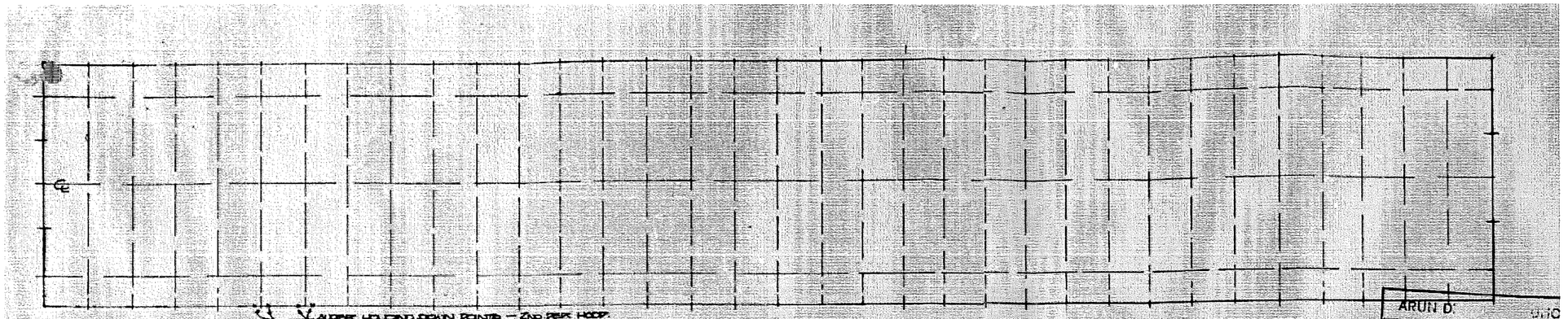
Planning Ref: LU-599-78

Erection of 3 polythene tunnels, car parking and office, and use part of the site for garden centre

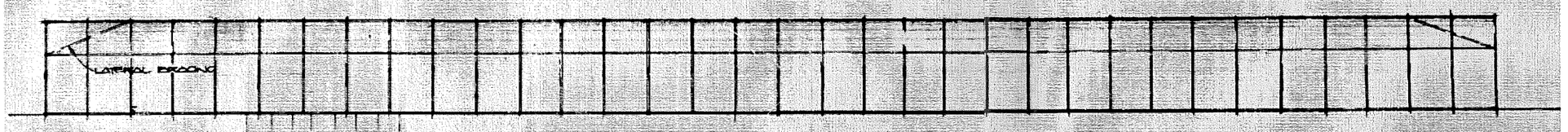
ARUN DISTRICT COUNCIL LU/116/13/



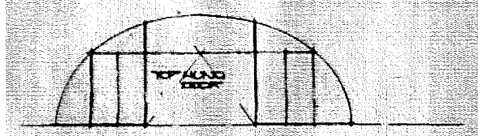
ARUN DISTRICT COUNCIL`LU/116/13/



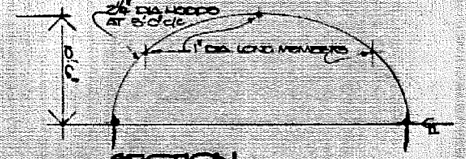
PLAN (THIS HOUSE 25'0" x 100'0")



SIDE ELEVATION



END ELEVATION



SECTION

GENERAL SPECIFICATION FOR TYPICAL PLANTHOUSE
(TO BE USED FOR HORTICULTURAL PURPOSES ONLY)

COVERING TO BE DOUBLE SKIN POLYTHENE STRETCHED OVER GALVANISED TUBULAR STEEL STRUCTURE.
HOOPS SPAN 25'0" (8500mm) AT 5'0" (1500mm) c/c. ALL 2½" (60mm) DIA.
LONGITUDINAL MEMBERS 1" (28mm) DIA. WITH CROSS JOINTS RIVETED AND SLEEVE FITTING TO ALL T or X JUNCTIONS.
GROUND RAIL FIXED TO HOOPS VIA STRAINING BARS AND LOOPS 1'0" (300mm) FROM EACH INTERSECTION POSITION TO GROUND AUGERED 1'0" (450mm) DEEP.
END DOORS TO BE TOP HUNG.

FOR FURTHER DETAILS REFER TO TYPICAL FILCLAIR TUNNEL ASSEMBLY INSTRUCTIONS.

TYPICAL DETAILS
8·5M WIDE (28'0")
FILCLAIR PLANTHOUSE

FILCLAIR UK LTD.
PO BOX 5, ARUNDEL, SUSSEX, U
TELEPHONE ARUNDEL 882300

FILCLAIR

DAVID MATHER Dip.Arch.R.I.
Chartered Archi
Telephone Pagham (0243

SCALE 1/8"=1'0"
NOVEMBER 1978. 15

ARUN D.
No. LU 599 78
RECEIVED 6.12.78

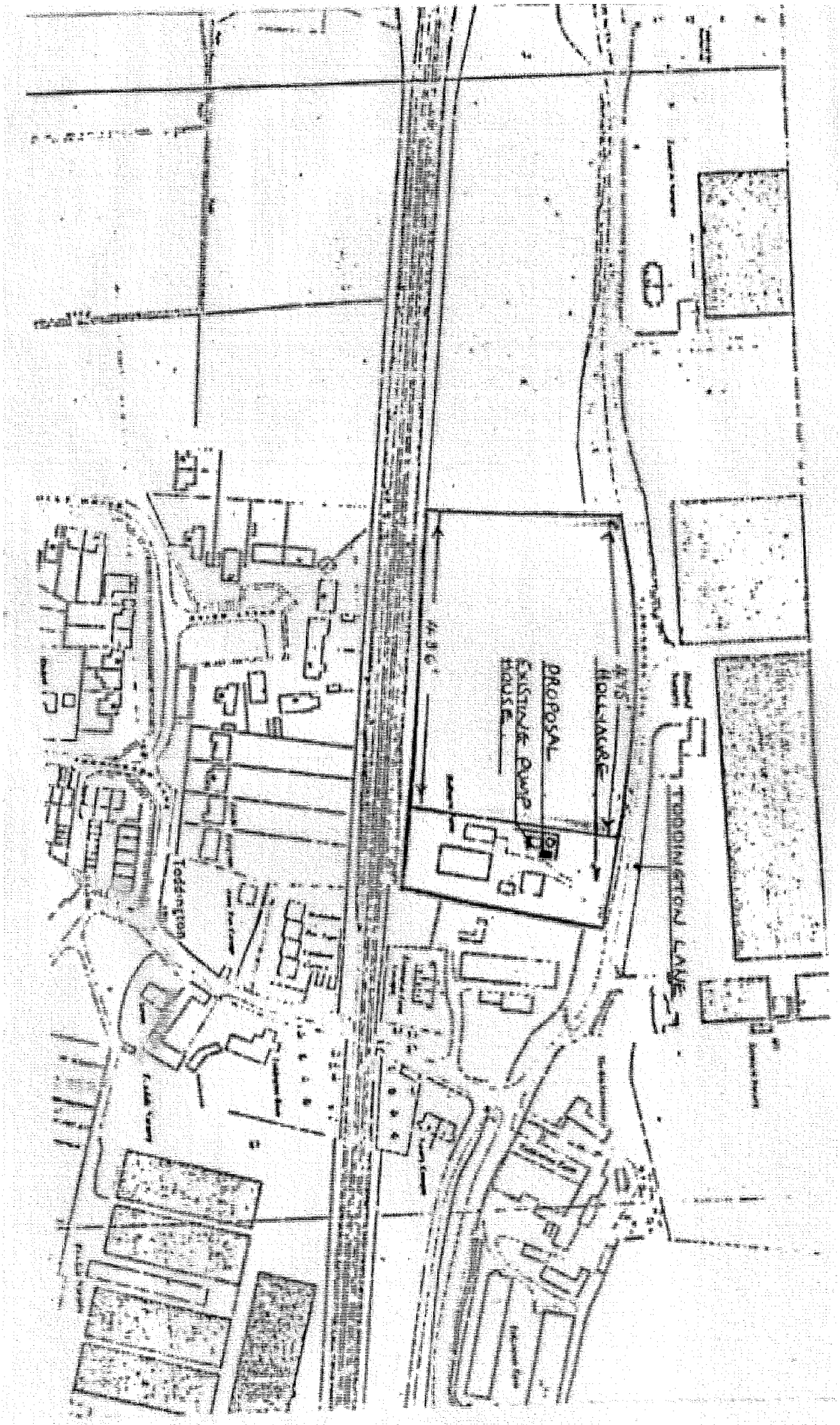
LU/599/78

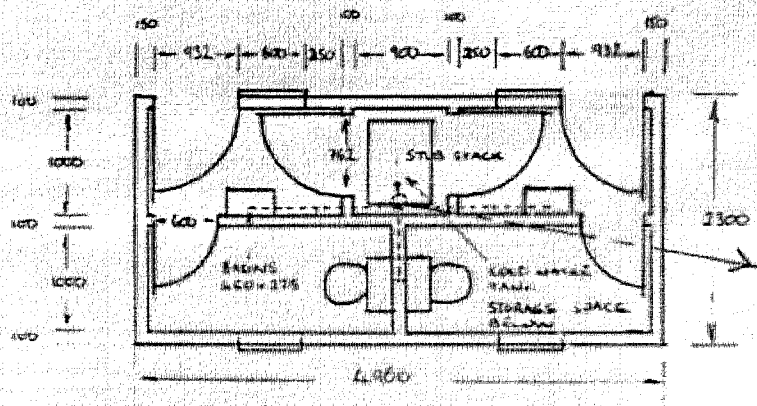
ARUN DISTRICT COUNCIL LU/116/13/

Planning Ref: LU-321-86

Erection of toilet block

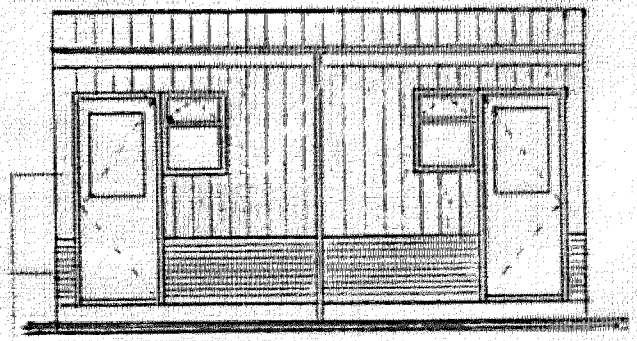
ARUN DISTRICT COUNCIL LU/116/13/


PROPOSAL
EXISTING PUMP HOUSE
TODDINGTON LANE



PLAN

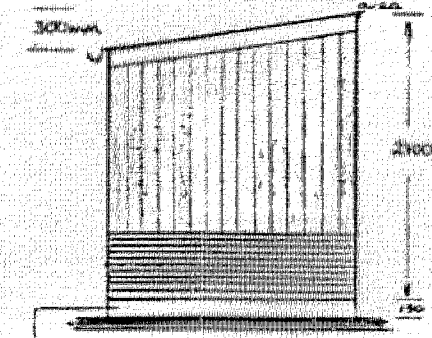
cedar finish on duplex 9.5mm plasterboard 100mm insulation on 100 x 50 framework.



WEST ELEVATION

ROOF + UPPER WALL SECTION 'Big Six' PROFILE ASBESTOS FREE SHEETS ON 100 x 50 RAFTERS

LOWER WALL SECTION IN BUFF FACE BRICK TO MATCH EXISTING DWELLHOUSE IN COLOUR + STYLE.



SOUTH ELEVATION

150 mm CONCRETE ON 150 mm HARDCORE WITH 450 x 450 mm TOE FOOTING.

existing perimeter fence as screening height 1800

existing pump house height 2400

exist cold storage tank height 2400

extend exist concrete slab



PROPOSAL height 2400 overall

N

SITE PLAN 1:100

see separate sheet for area plan

existing roadway

existing warehouse height 2000

SCALES 1:50 1:100 DATE 26.7.86 DRAWN T TUNMORE.

PROPOSED TOILET BLOCK HOLLYACRE TODDINGTON LANE LITTLEHAMPTON FOR I F WHITTAKER

ARUN DISTRICT COUNCIL LU/116/13/

Planning Ref: LU-402-86

Building to be used for restoration of classic sporting and racing motor vehicles

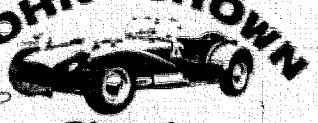
ARUN DISTRICT COUNCIL LU/116/13/

SALES

Mr Gretzler

Enclosed Cheque in
Respect of Planning
Application Fee
@ £53-00 p

Yours Faithfully



JOHN BROWN

Classic
and
Sporting Vehicles

With Compliments

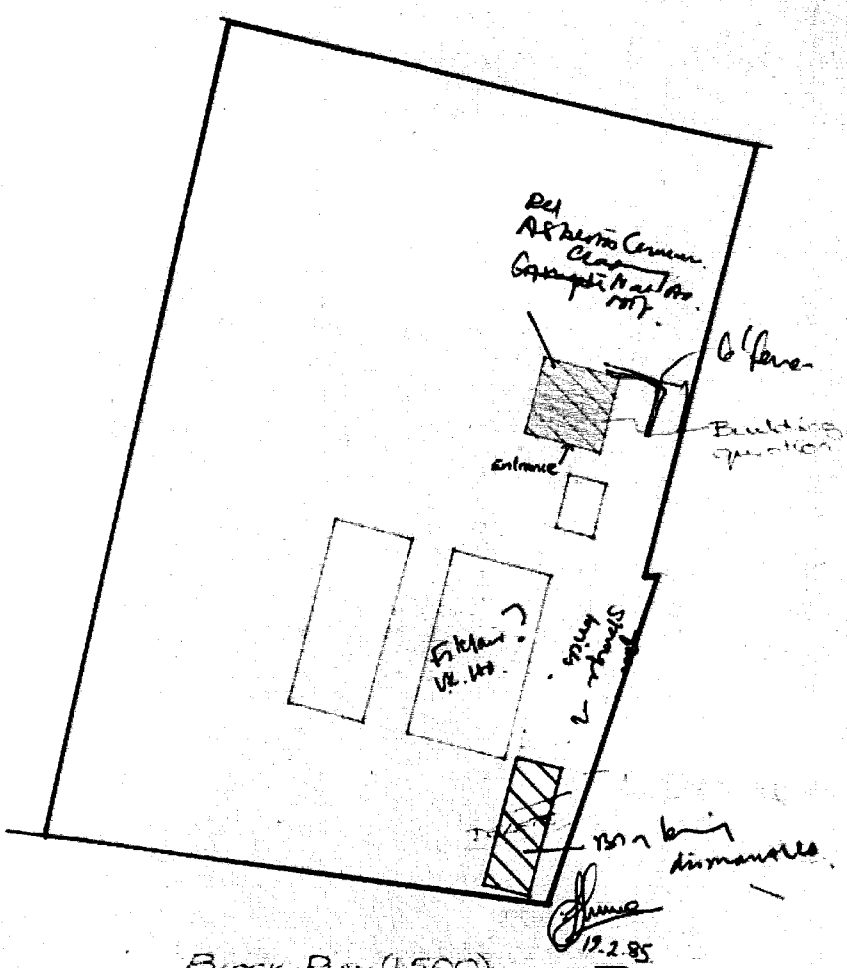
ENGINEERING

25/9/86

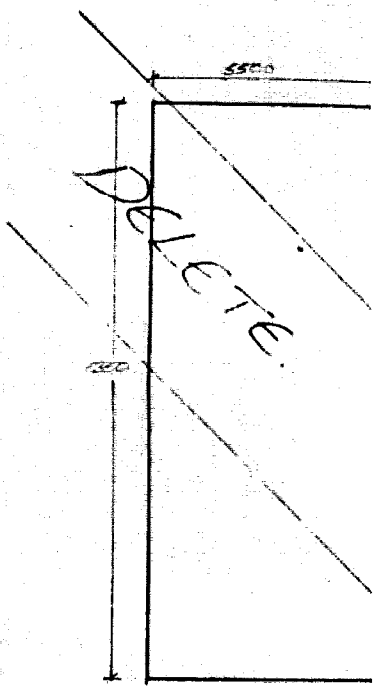
October 1986

51, Conbar Avenue
Rustington
West Sussex. BN16 3LS.

Telephone
Rustington
(0903) 773022



BLOCK PLAN (1:500)



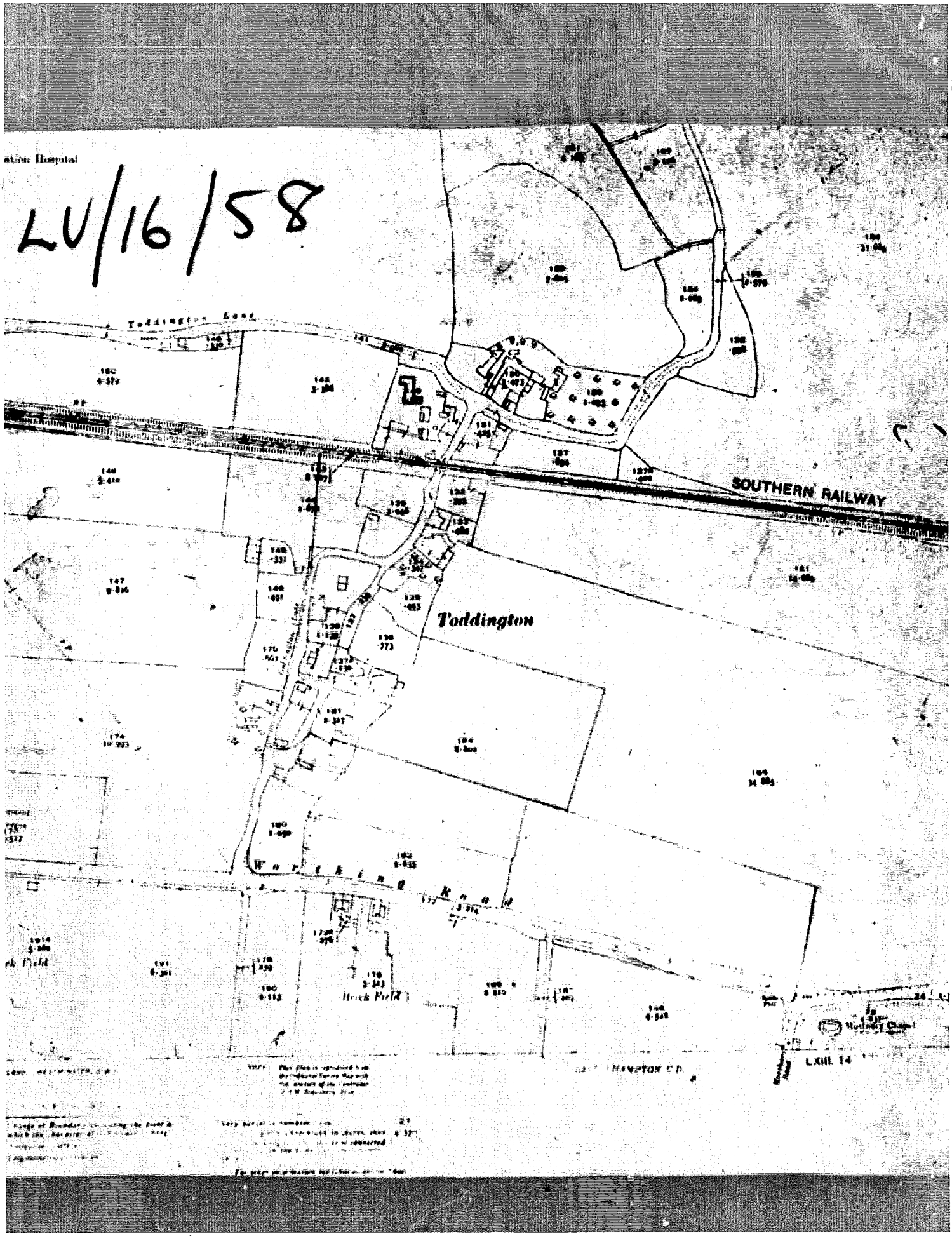
FLOOR PLAN (1:XX

ARUN DISTRICT COUNCIL LU/116/13/

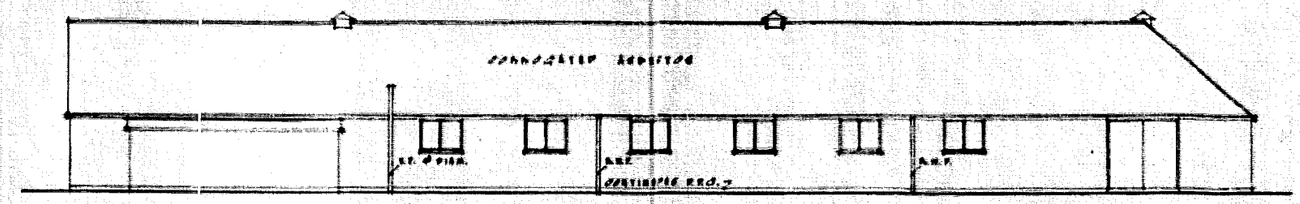
Planning Ref: LU-16-58

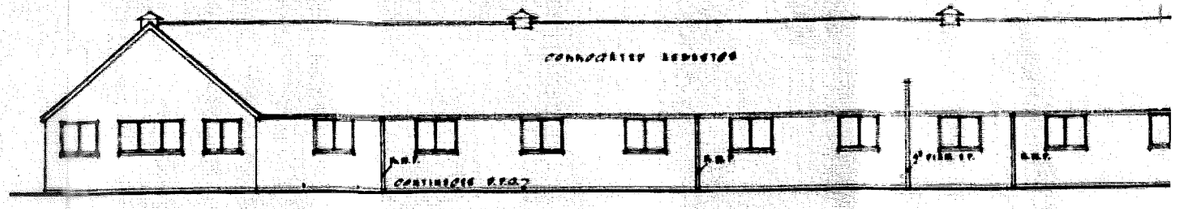
Erection of piggery to the east of the site

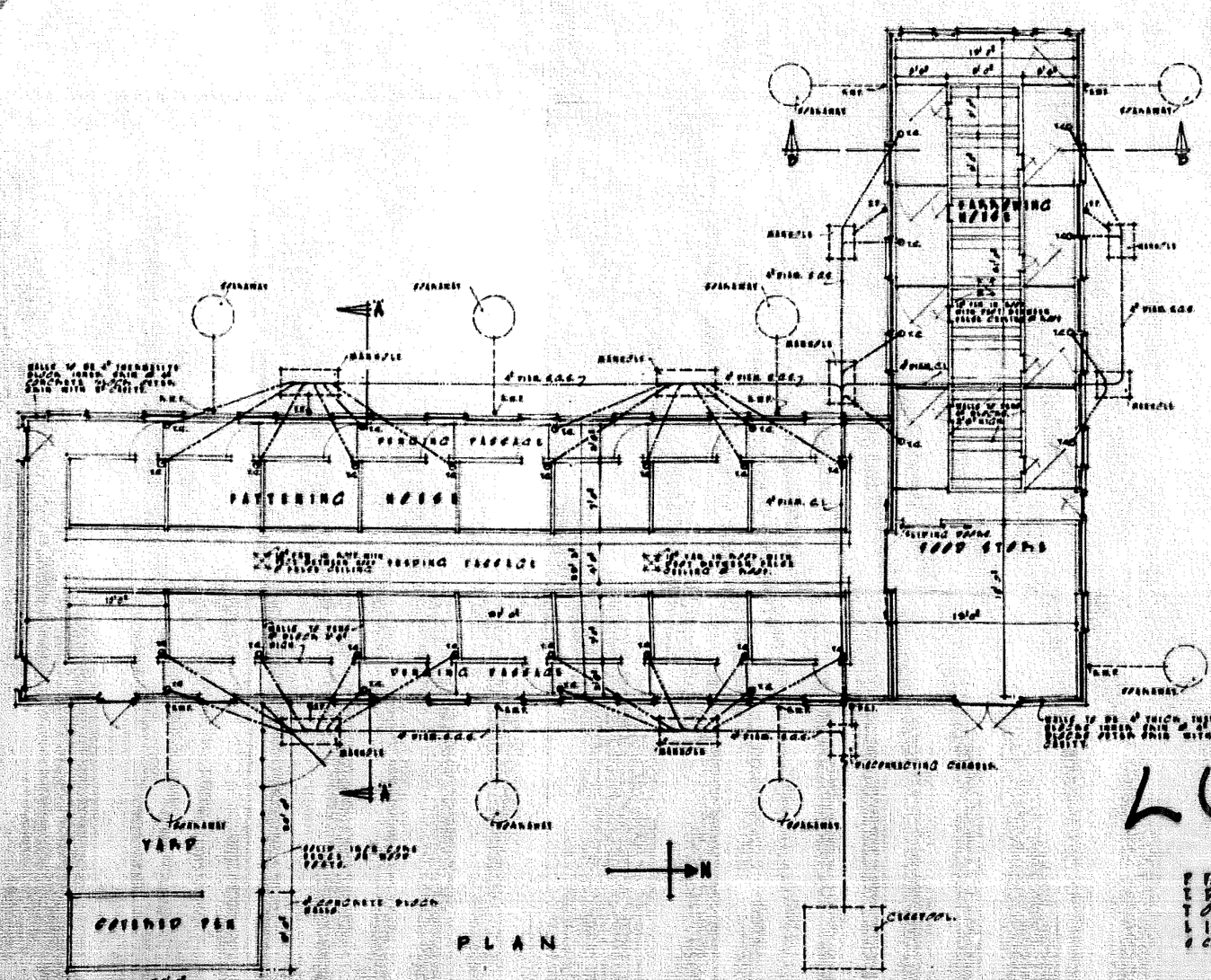
ARUN DISTRICT COUNCIL LU/116/13/

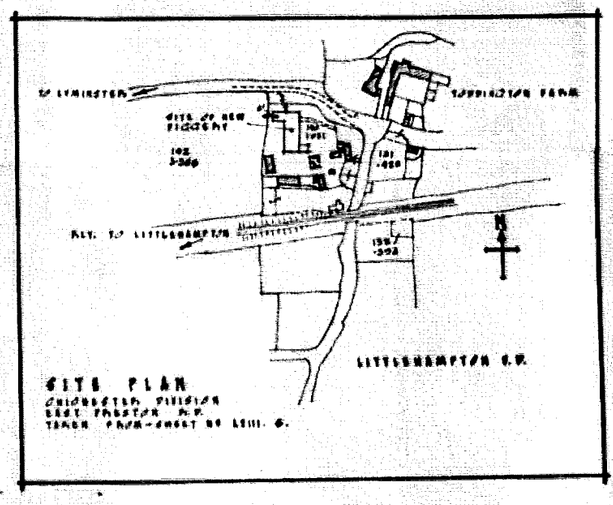


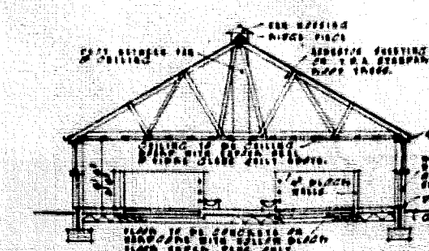
ARUN DISTRICT COUNCIL LU/116/13/

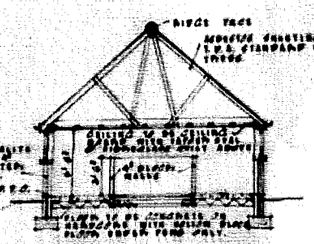












LU/116/58

PROPOSED NEW PIGGERY FOR
T.B. BIRCH ESQ.
TOPPINGTON FARM, LYMINSTER,
LITTLEHAMPTON.
SCALE 1/8" TO 1'0"

LITTLEHAMPTON U.D.C.
7 FEB 1958
PUBLIC HEALTH DEPARTMENT

LU/116/58
7/2/58

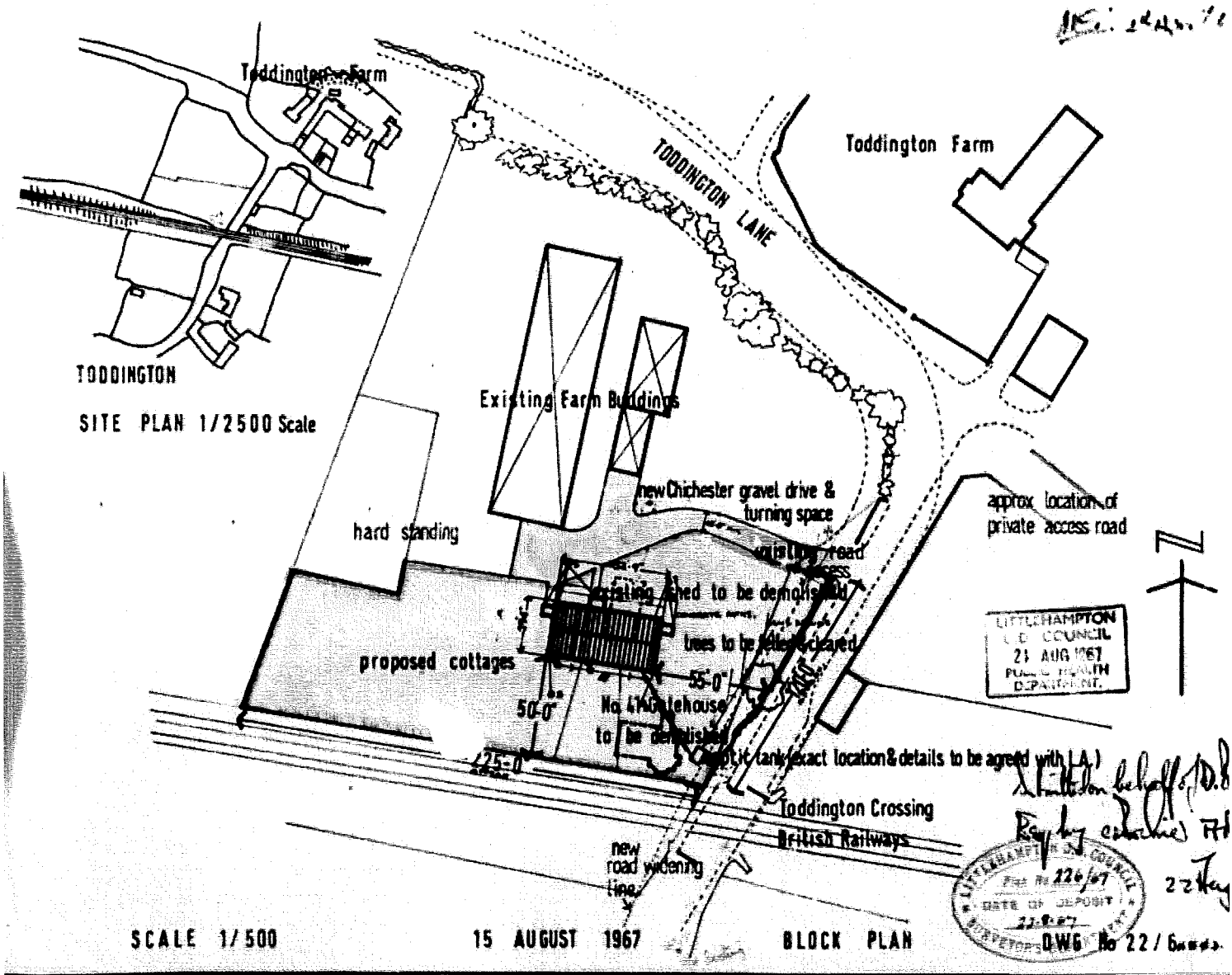
ARUN DISTRICT COUNCIL LU/116/13/

Planning Ref: LU-226-67

Demolition of existing dwellings and erection of a terrace of three houses for use by agricultural workers to the east of the site

ARUN DISTRICT COUNCIL LU/116/13/

LU/226/67

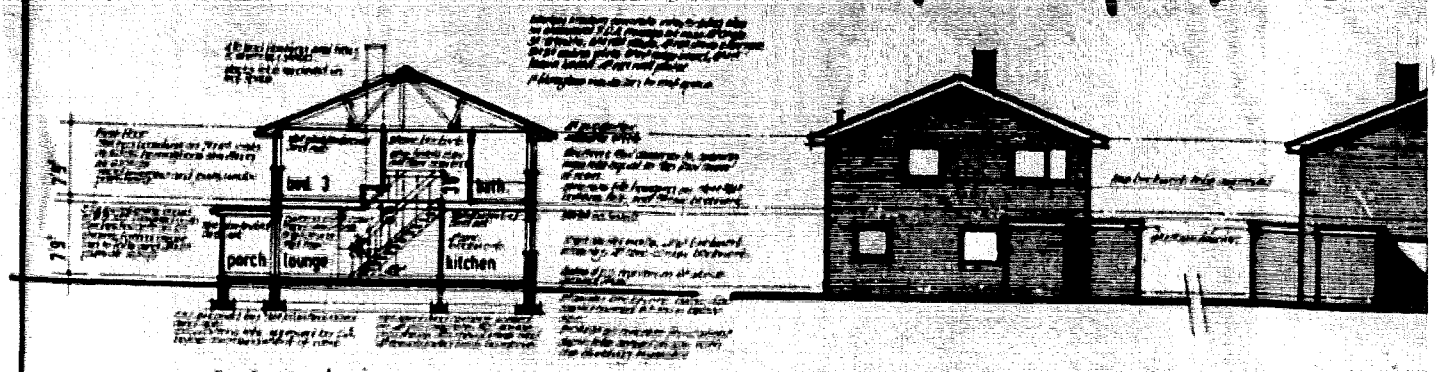


Proposed Terrace of 3 Agricultural Houses - TODDINGTON for T.D.Burch

Bourchier & Associates Architects THE LONG HOUSE LANGTON LANE HURSTPIERPOINT TEL 25

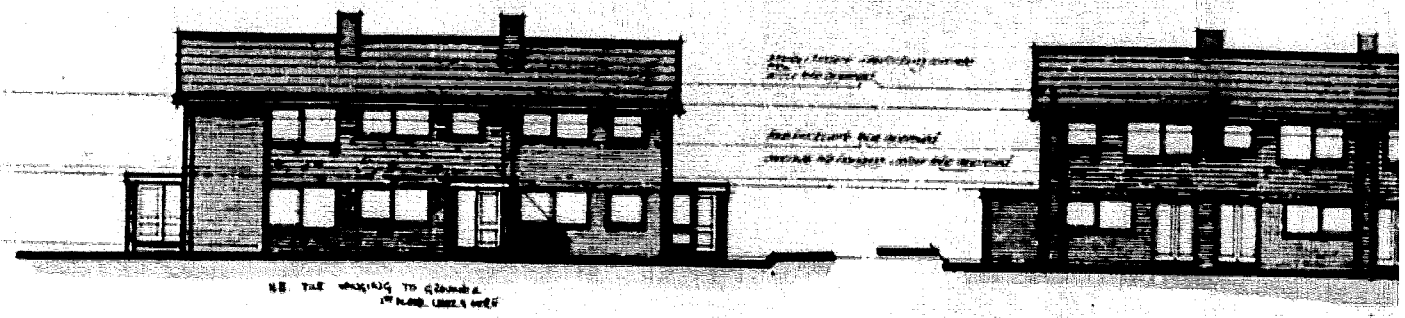
ARUN DISTRICT COUNCIL LU/116/13/

LW/226/67



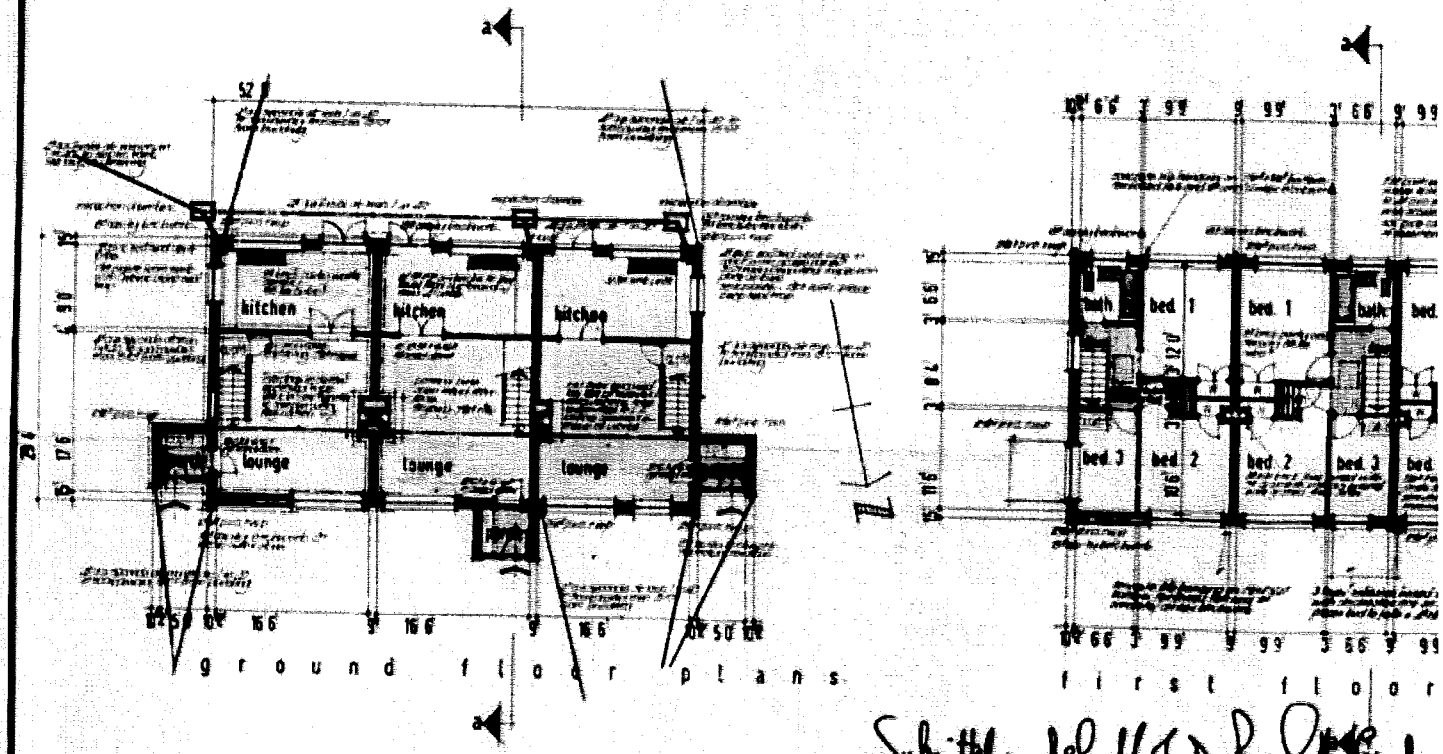
section a-a

side elevations.



front elevation (NORTH)

rear eleva



ground floor plans

first floor

Submitted on behalf of D. Burchell Esq by

proposed houses. Toddington Little

for D. Burchell Esq.

C. D. Bourchier and Associates. The Long House. Langton Lane. Hurstpierpoint. scale 8 ft. to 1 in.

ARUN DISTRICT COUNCIL LU/116/13/

Appendix H:

Conditions and Limitations

ARUN DISTRICT COUNCIL LU/116/13/

OPUS INTERNATIONAL CONSULTANTS (UK) LTD

SITE INVESTIGATIONS

CONDITIONS AND LIMITATIONS

1. The report is confidential to the clients stated in the report and has been prepared to their instructions for their own purposes and it is not permitted to disclose this report to other parties (except NHBC, Local Authority, the Client's own Solicitors and Professional Advisers) without the prior consent of Opus International Consultants (UK) Ltd.

2. The copyright of this report remains the property of Opus International Consultants (UK) Ltd.

3. No liability for the contents of this report is accepted to any parties other than the client stated in the report. No parties other than the client stated in the report should rely upon this report.

4. Attention is drawn to the fact that, whilst every effort is made to ensure the accuracy of the data and any conclusions derived from it, the possibility exists of variations in ground conditions around and between trial pits. No liability can be accepted for such variations or for agreed sampling rates/trial hole frequency.

5. Unless specifically stated otherwise in the report, any recommendations for works given in the report are outline only and are to be confirmed or modified as appropriate at detailed design stage.

6. No liability can be accepted for any services or other below ground items unless clearly shown on a plan to us in advance of any site works.

7. In accepting instructions to carry out site investigations it is assumed by us that our clients have all necessary permissions from existing owners and/or other authorities for such works to proceed. No liability is accepted for any claims arising as a result of anything contrary to this.

8. It is also assumed that a suitable clear access to the site is available for the required equipment and plant.

9. All holes are normally back-filled with excavated material compacted by its own weight only. Any excess spoil will be spread evenly around the direct area of excavation.

10. No chemical analysis of samples will be carried out unless specifically stated otherwise in the text of this report. Where fill, disturbed soil or an unfavourable earlier land usage is identified by the investigation the client is advised to have chemical analysis carried out subsequently. In any event no liability is accepted in respect of pollution. Similarly for radon and naturally occurring chemicals and gases.

11. Unless stated otherwise any desk study into the site history will be limited to information readily available at the Local Reference Library.

12. Under the Construction (Design & Management) Regulations latest edition, the Client has obligations for ensuring Health and Safety arising from any construction work. If it is proposed to proceed with construction work based upon information or recommendations contained in this report, these regulations probably apply. Further details of any issues arising from our report or the Clients obligations generally are available on request.

13. Unless dealt with more specifically above the Association of Consulting Engineers Conditions of Engagement, Short Form Agreement 2002 applies.

14. Laboratory testing where carried out is usually undertaken by sub-contract laboratories. No liability is accepted arising from any errors or omissions on the part of such laboratories.

ARUN DISTRICT COUNCIL LU/116/13/

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f: +44 1329 825274
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Great Park Road, Bristol, BS32 4QW

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