



Longfield Solar Farm

Environmental Statement PINS Ref: EN010118

Volume 2

Appendix 16A: Stage 1 – Tier 1: Preliminary Risk Assessment

PART 5 OF 7

Document Reference EN010118/APP/6.2

Revision Number: 1.0

February 2022

Longfield Solar Farm Ltd

APFP Regulation 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009

Quality information

Prepared by	Checked by	Verified by	Approved by
MN	KB	EP	NT
Environmental Consultant	Principal Consultant	Associate	Technical Director

Prepared for:

Longfield Solar Farm Ltd

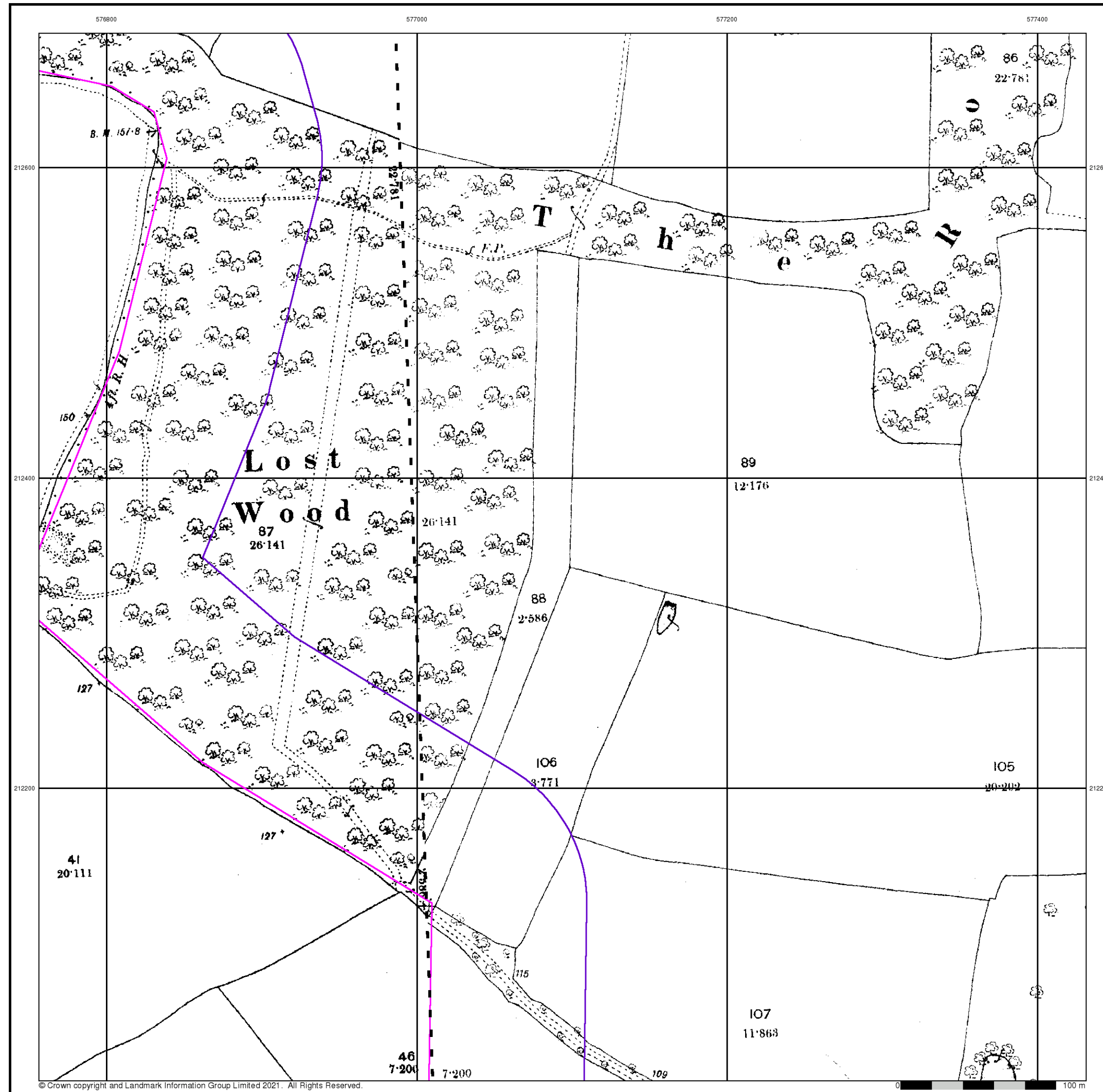
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aecom.com

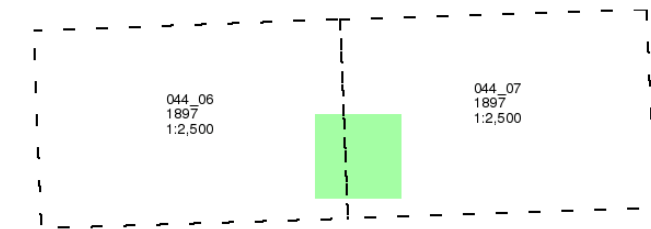
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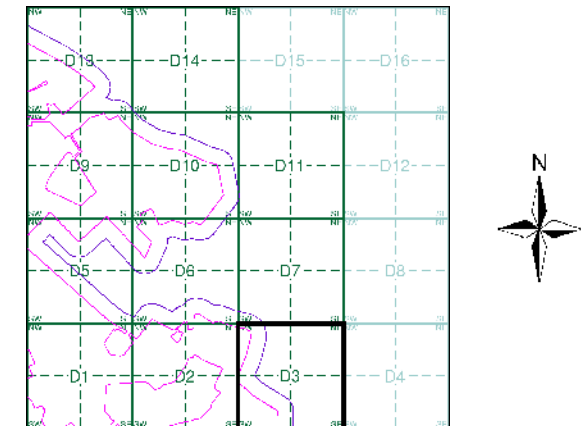


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment D3

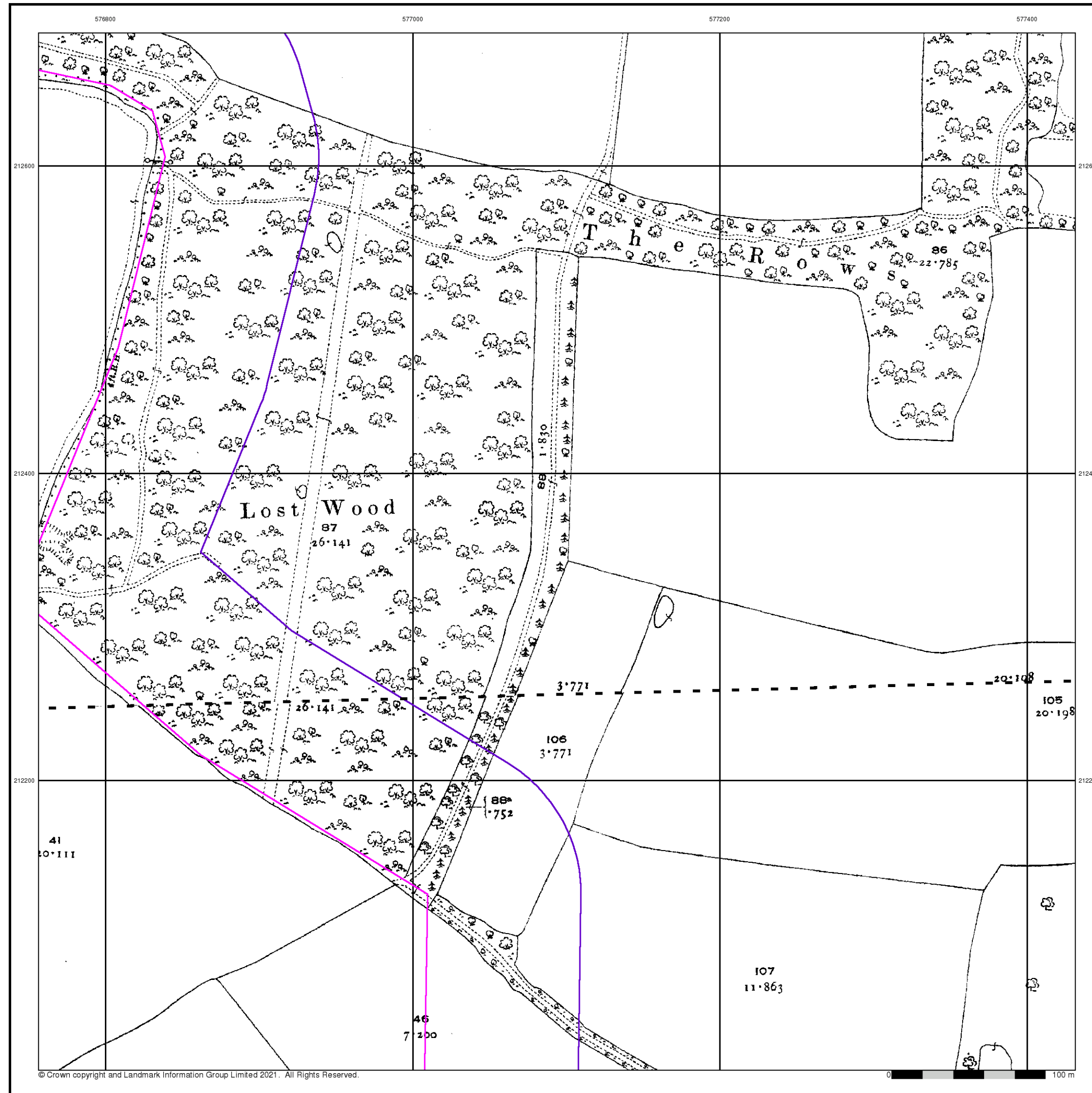


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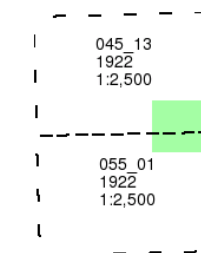
Site Details

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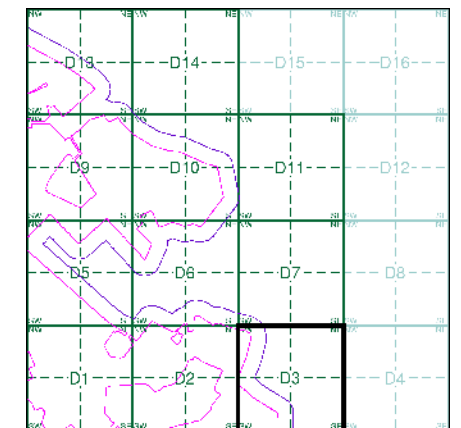


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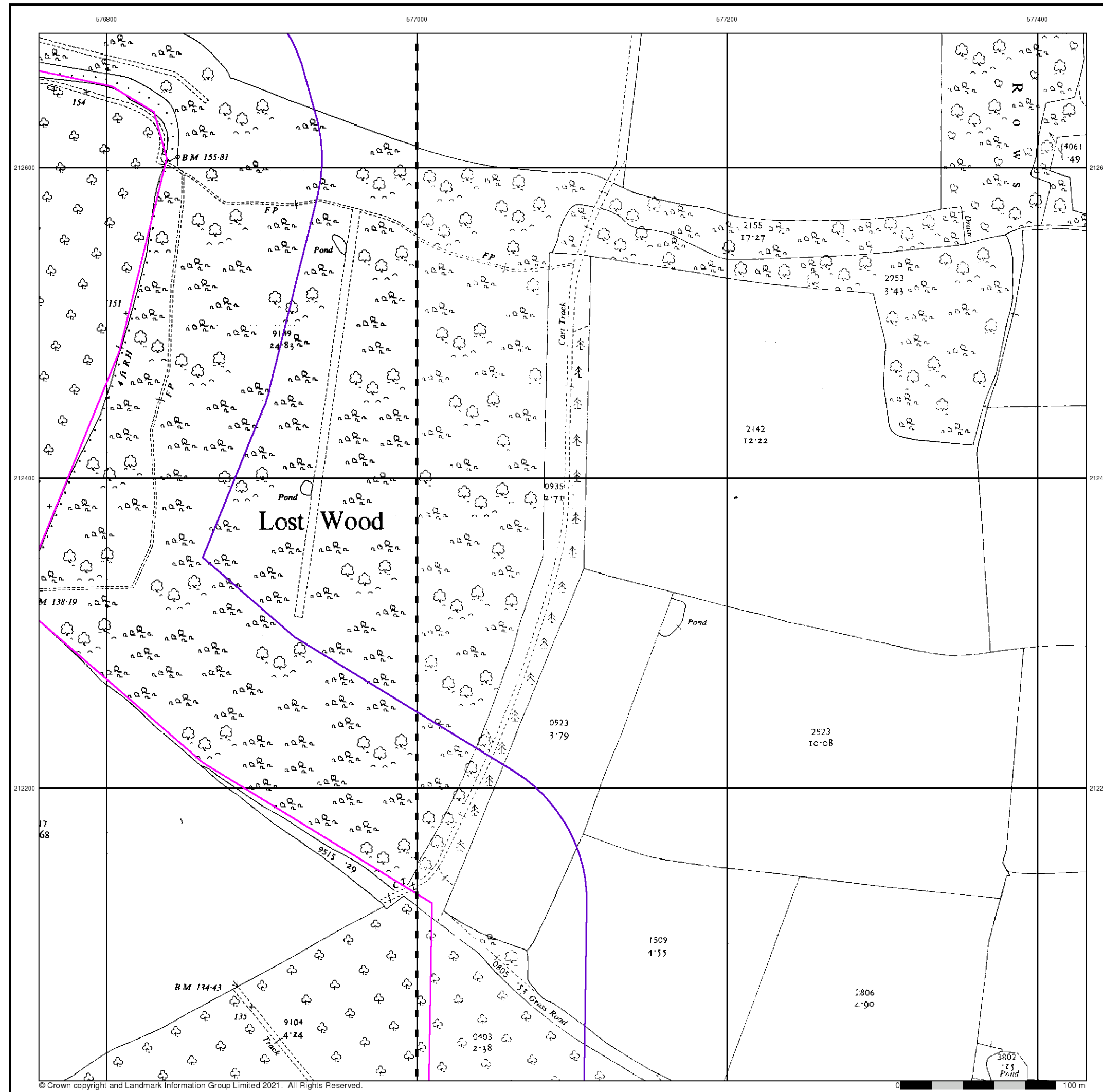


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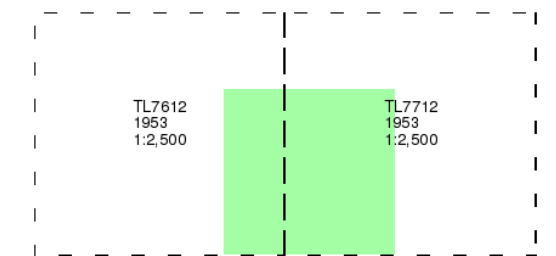
Ordnance Survey Plan

Published 1953

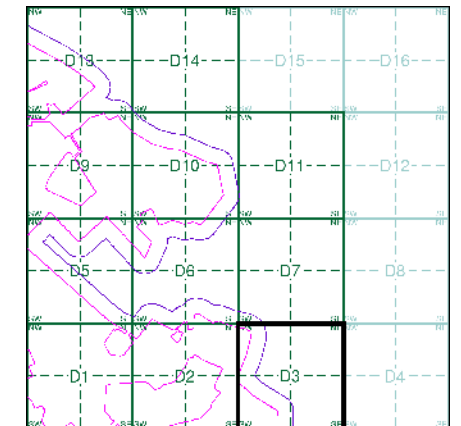
Source map scale - 1:2,500

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.

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Historical Map - Segment D3



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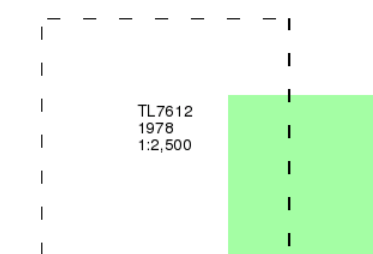
Ordnance Survey Plan

Published 1978

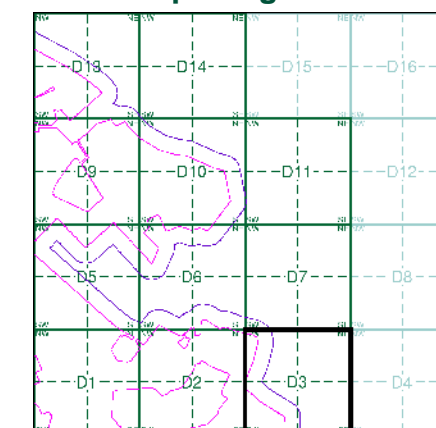
Source map scale - 1:2,500

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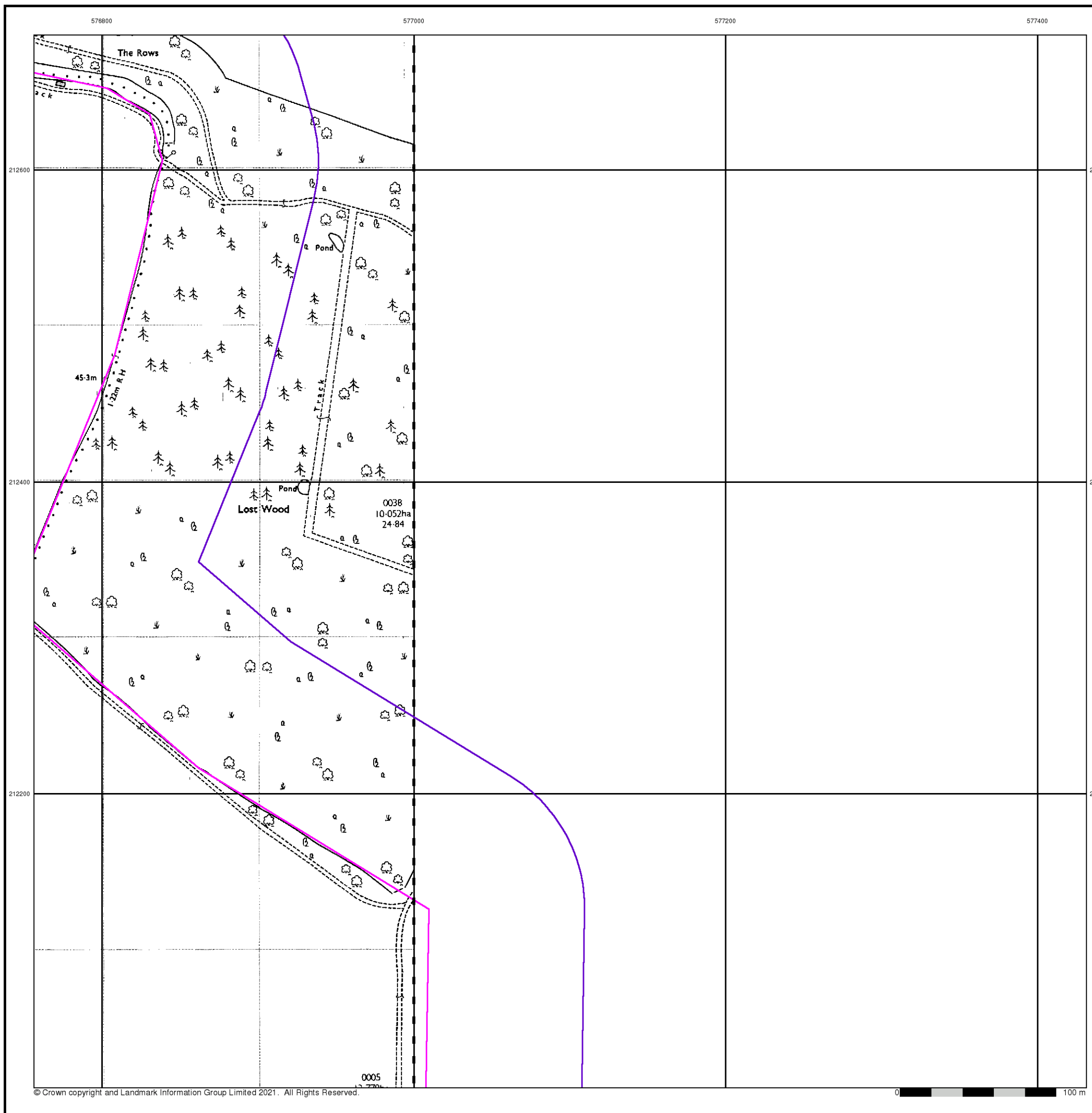


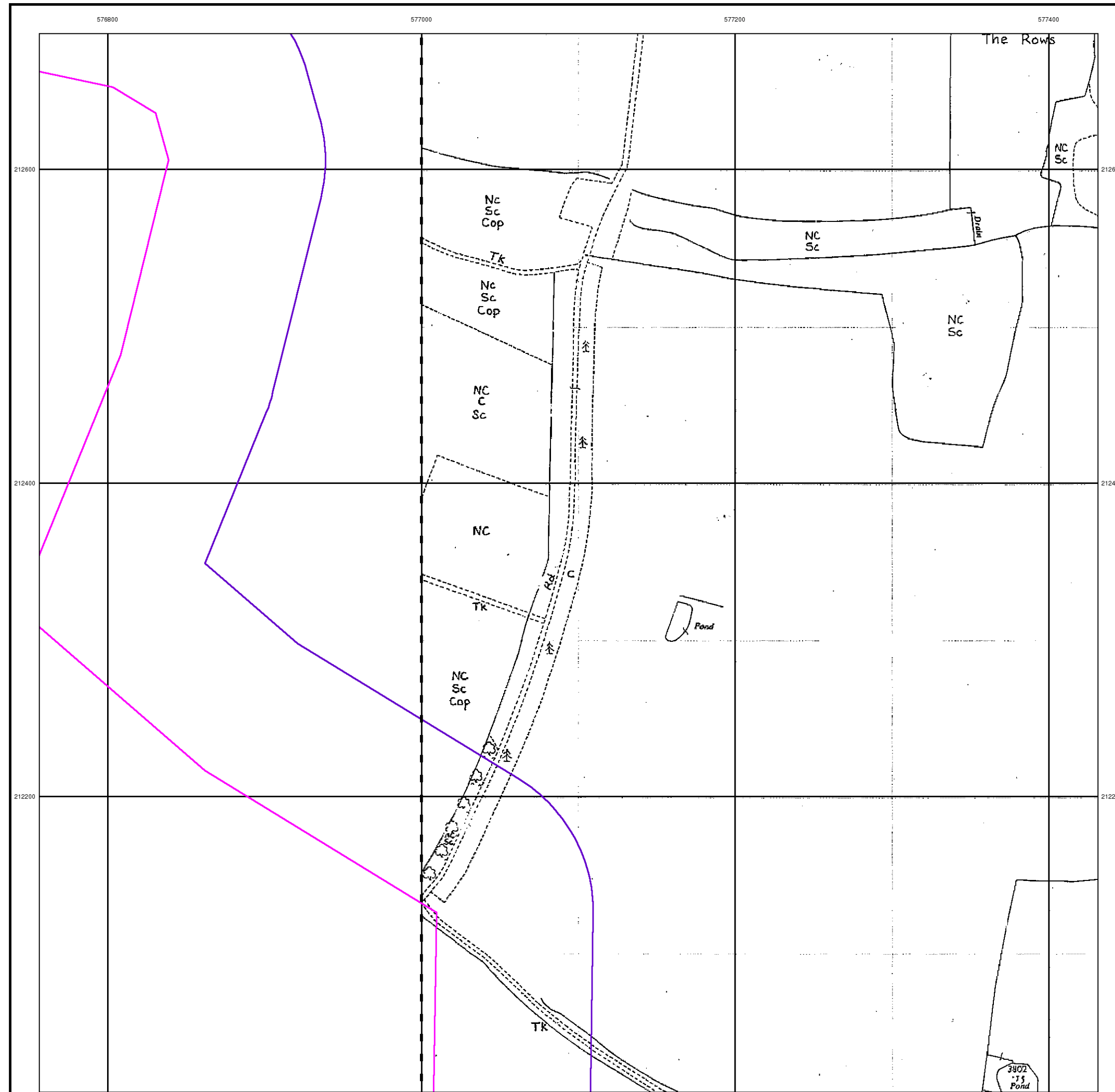
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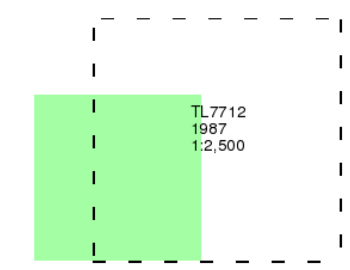




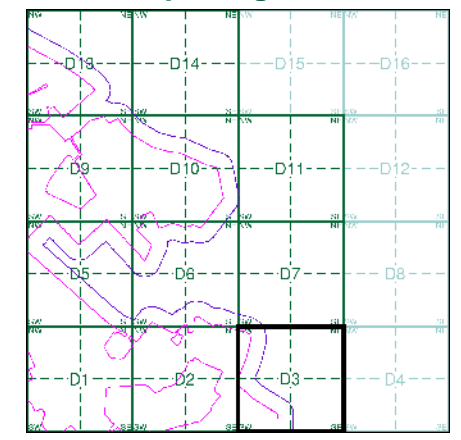
Additional SIMs
Published 1987
Source map scale - 1:2,500

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 Name(s) and Date(s)

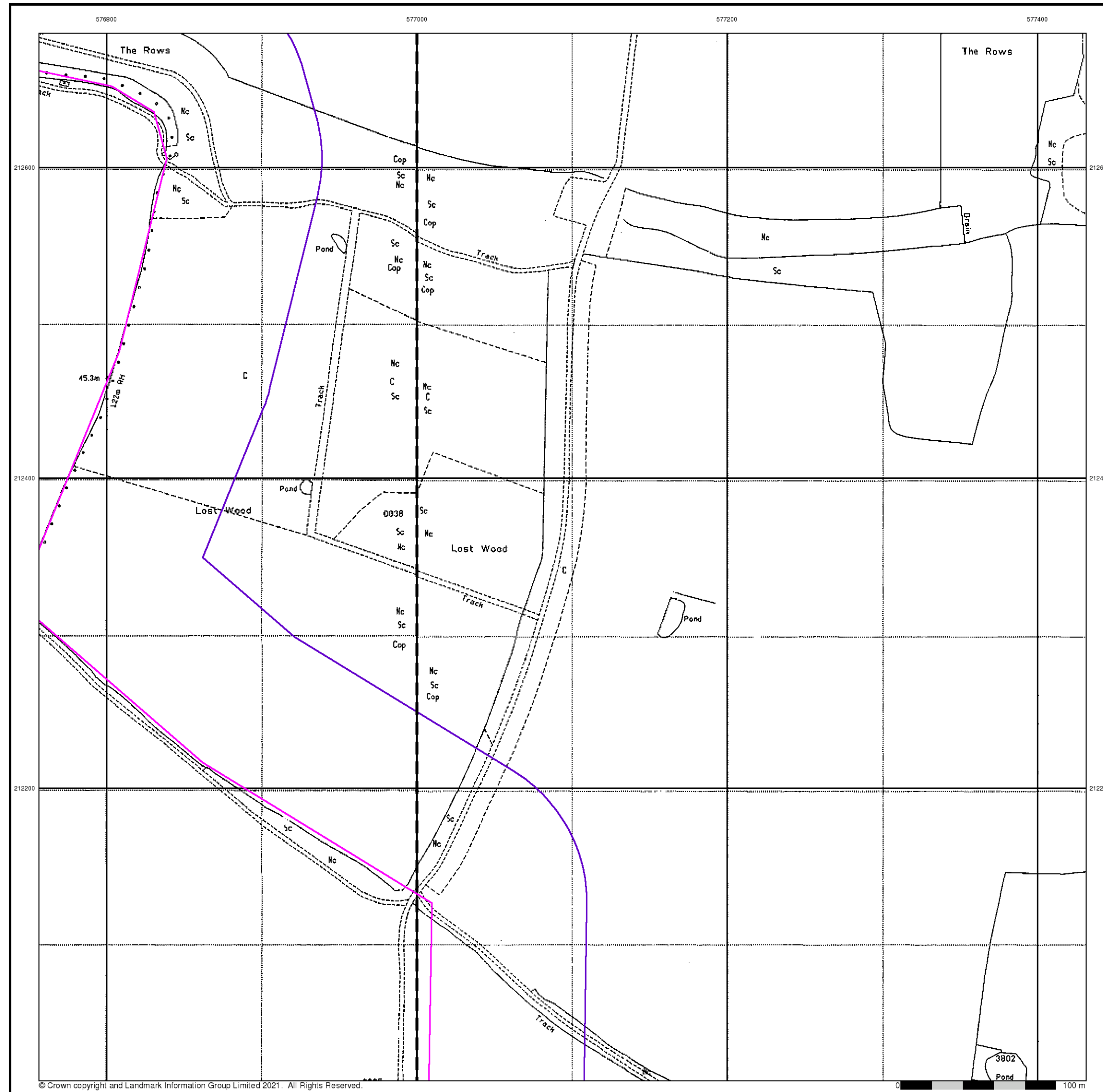


Historical Map - Segment D3



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 Site Area (Ha): 473.19
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Site Details
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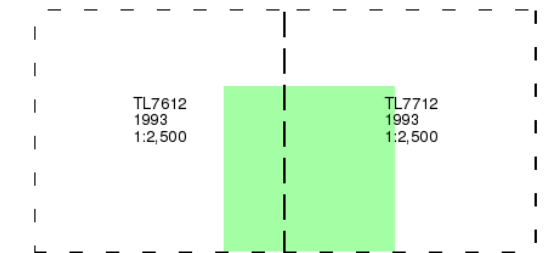
Large-Scale National Grid Data

Published 1993

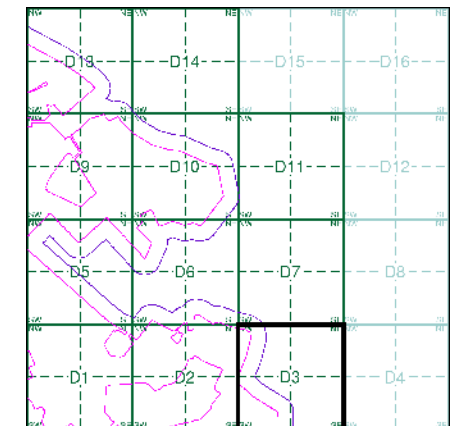
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D3



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576800

577000

577200

577400

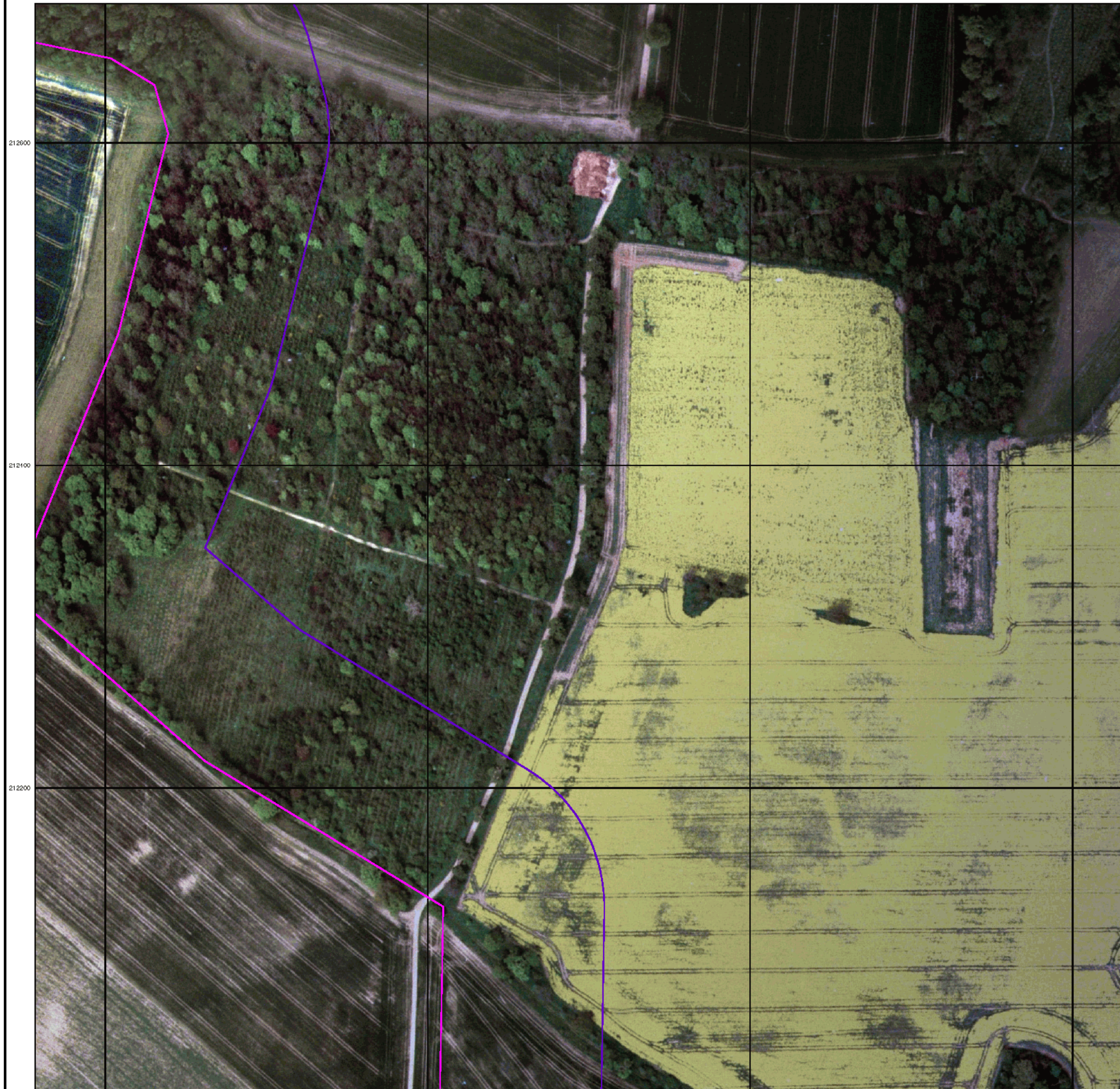
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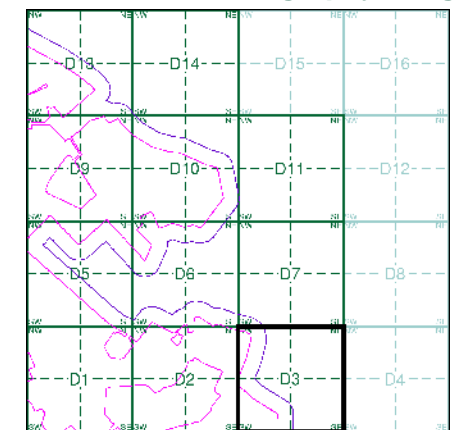
Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain



Historical Aerial Photography - Segment D3



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Order Number: 274546457_1_1
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Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Boundary Post or Stone **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**

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
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**
EI 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**

Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m **Bench Mark** **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
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**
EI Gen Sta **Electricity Generating Station** **Sewage Ppg Sta** **Sewage Pumping Station**
EI P **Electricity Pole, Pillar** **SB, S Br** **Signal Box or Bridge**
EI 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 Governor** **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**

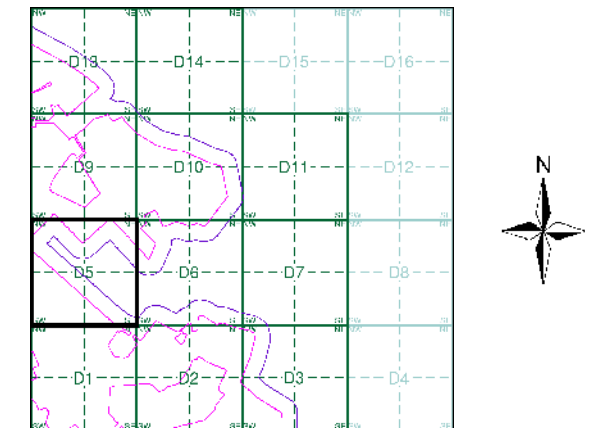
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:2,500	1877	2
Essex	1:2,500	1897	3
Essex	1:2,500	1922	4
Ordnance Survey Plan	1:2,500	1952 - 1953	5
Additional SIMs	1:2,500	1953	6
Ordnance Survey Plan	1:2,500	1966 - 1978	7
Ordnance Survey Plan	1:2,500	1978	8
Large-Scale National Grid Data	1:2,500	1993	9
Historical Aerial Photography	1:2,500	1999	10

Historical Map - Segment D5



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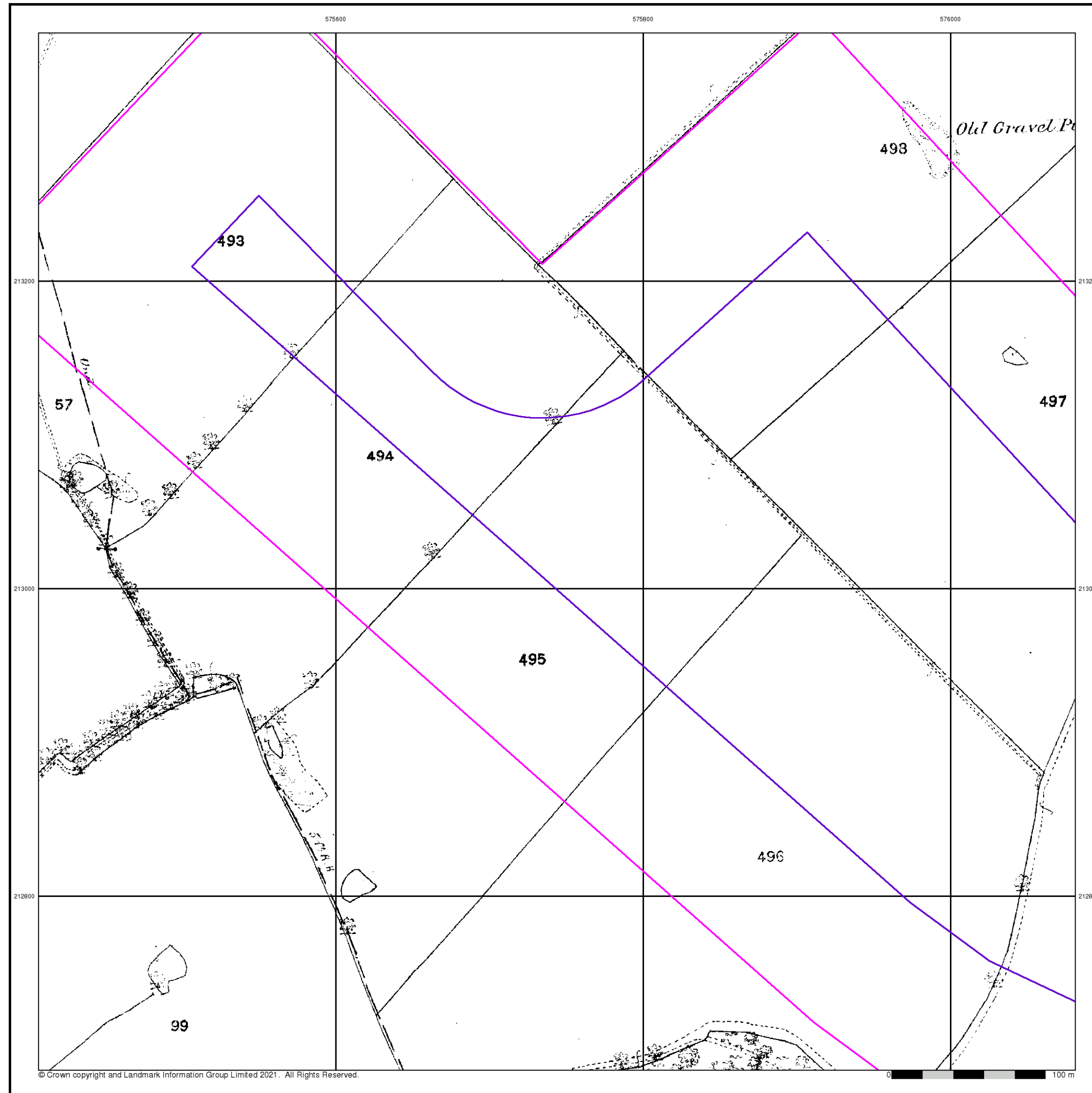
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Customer Ref: 60640215
National Grid Reference: 576270, 213190
Slice: D
Site Area (Ha): 473.19
Search Buffer (m): 100

Site Details

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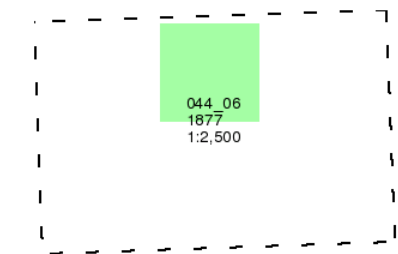
Essex

Published 1877

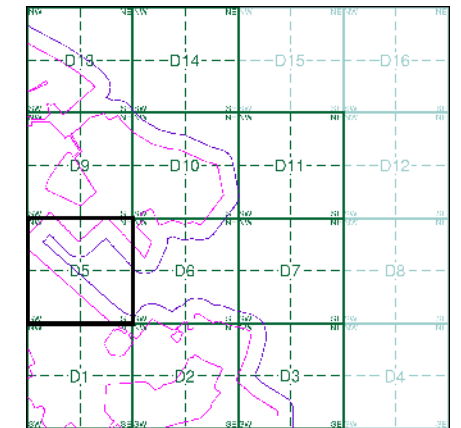
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D5



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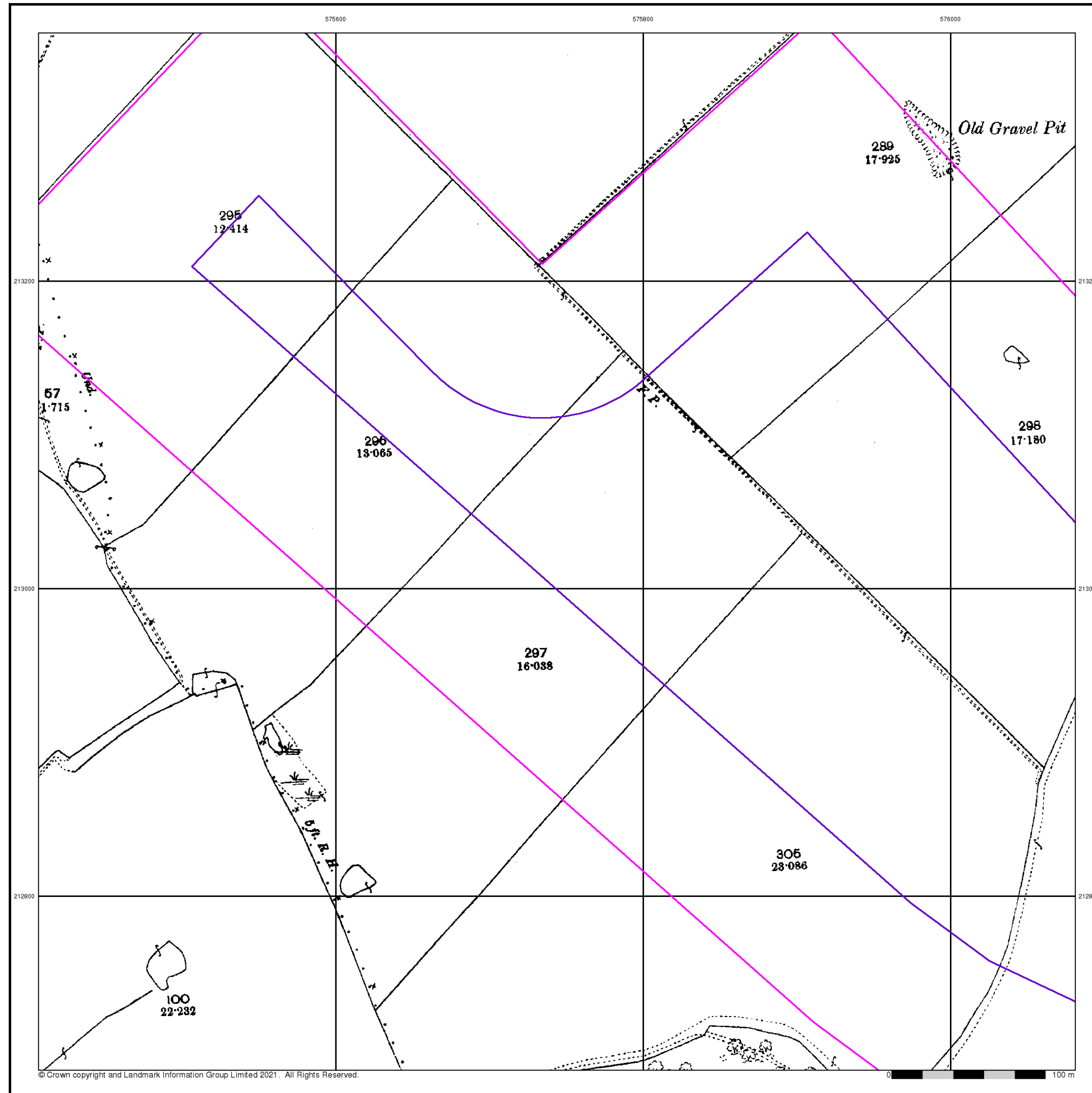
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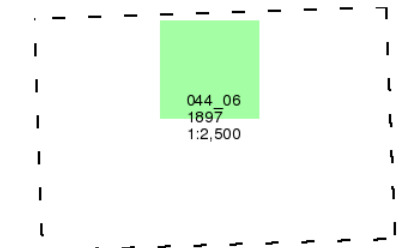
Essex

Published 1897

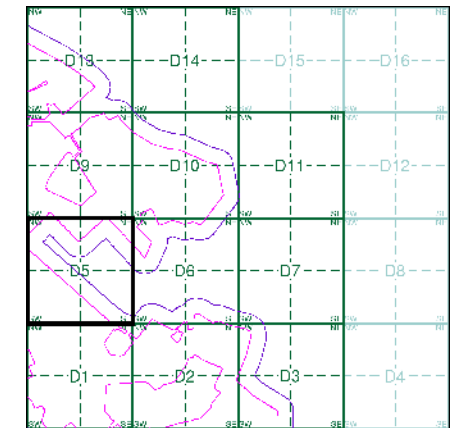
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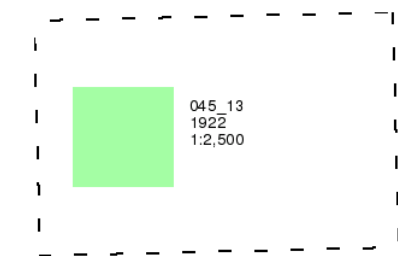
Essex

Published 1922

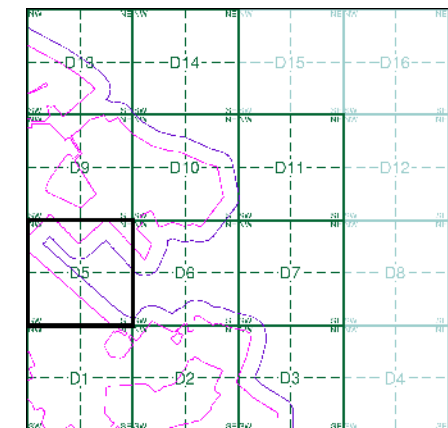
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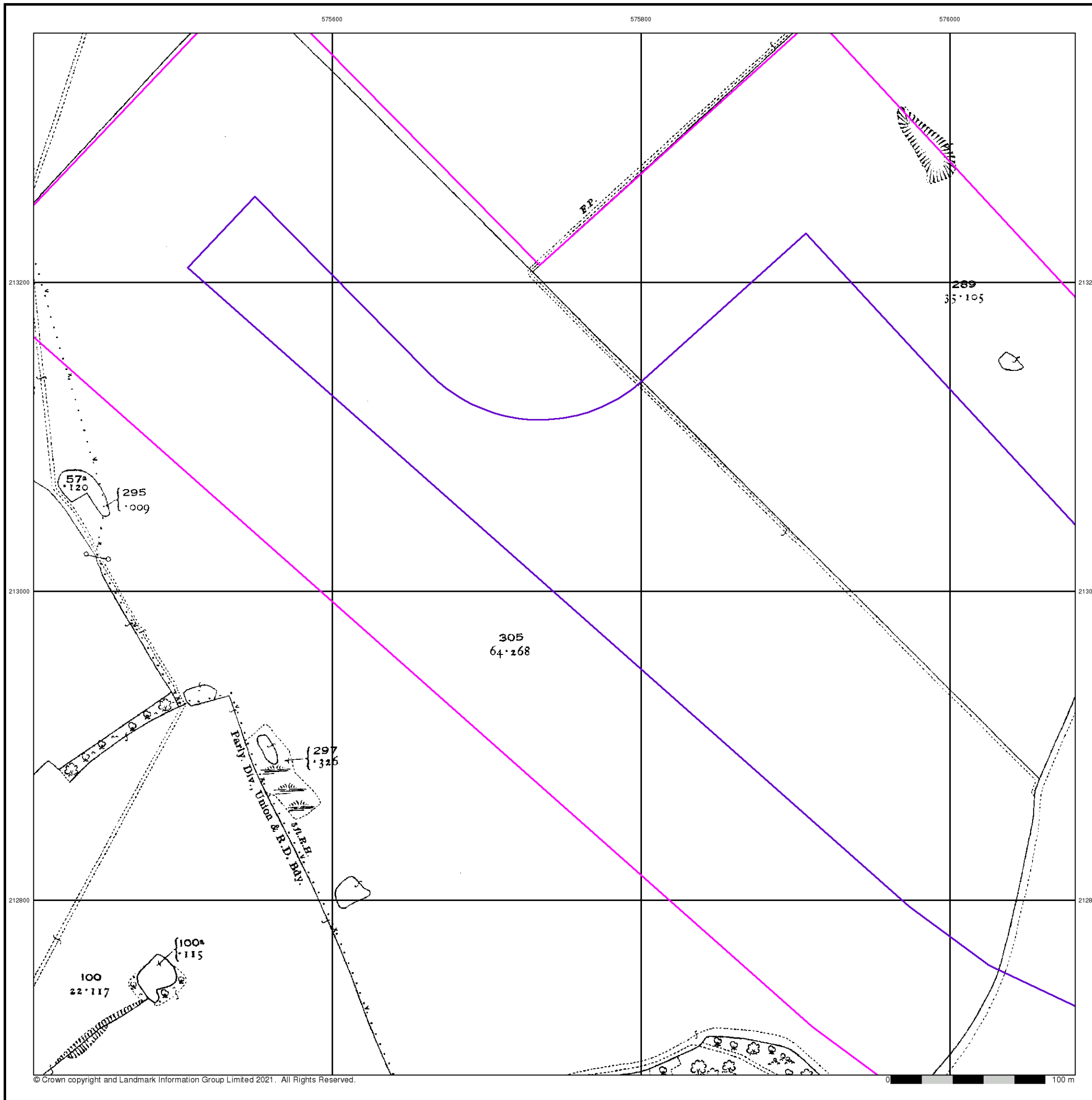


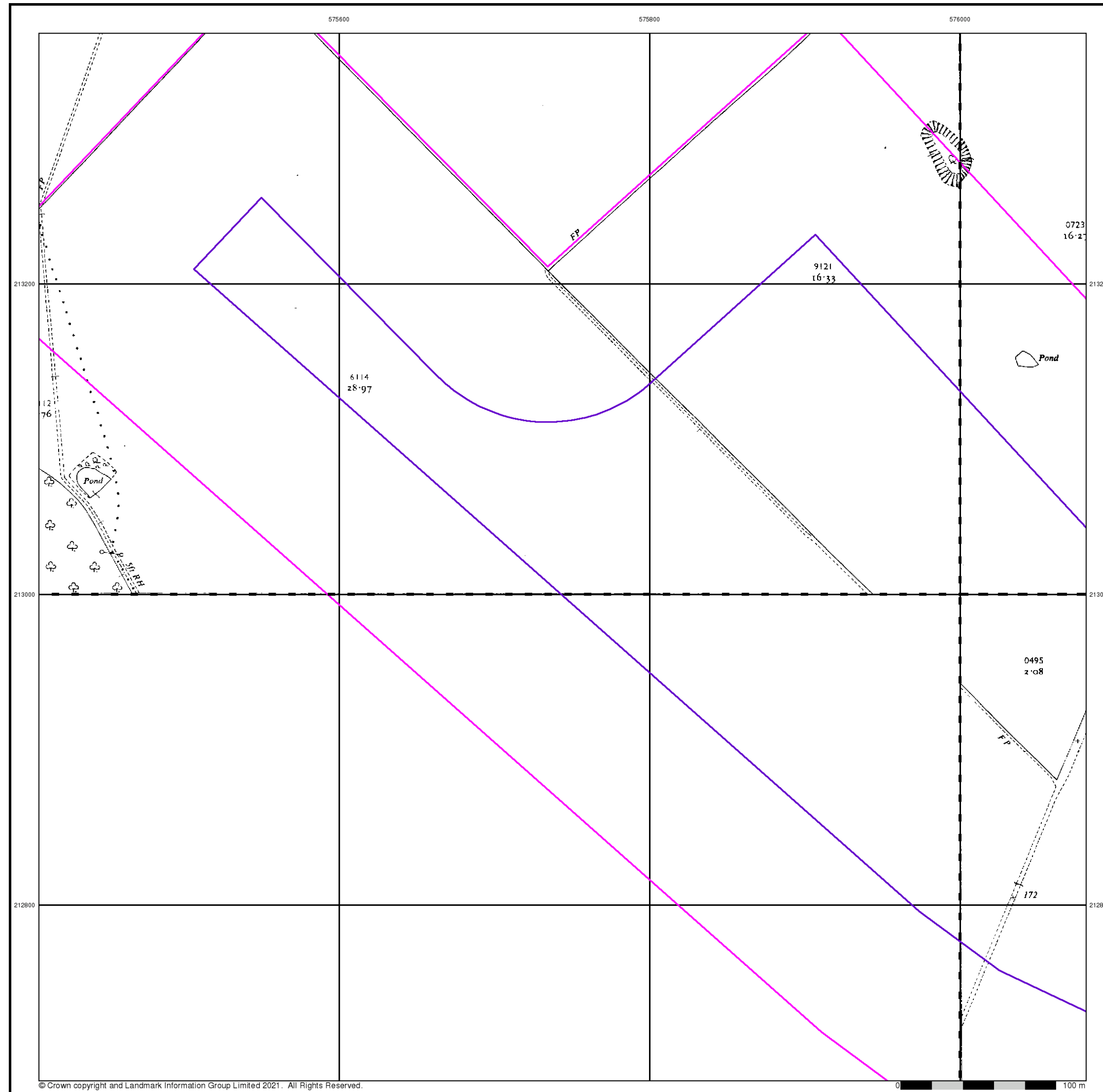
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Ordnance Survey Plan

Published 1952 - 1953

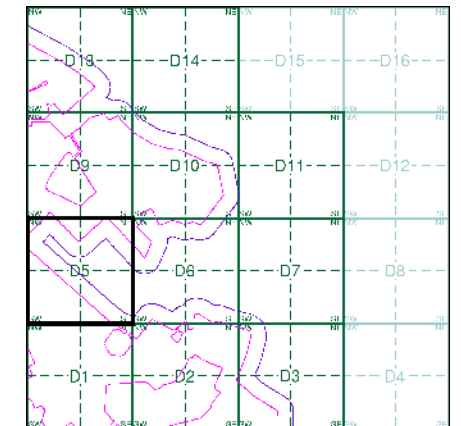
Source map scale - 1:2,500

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Map Name(s) and Date(s)

TL7513 1952 12,500	TL7613 1953 12,500
TL7612 1953 12,500	

Historical Map - Segment D5

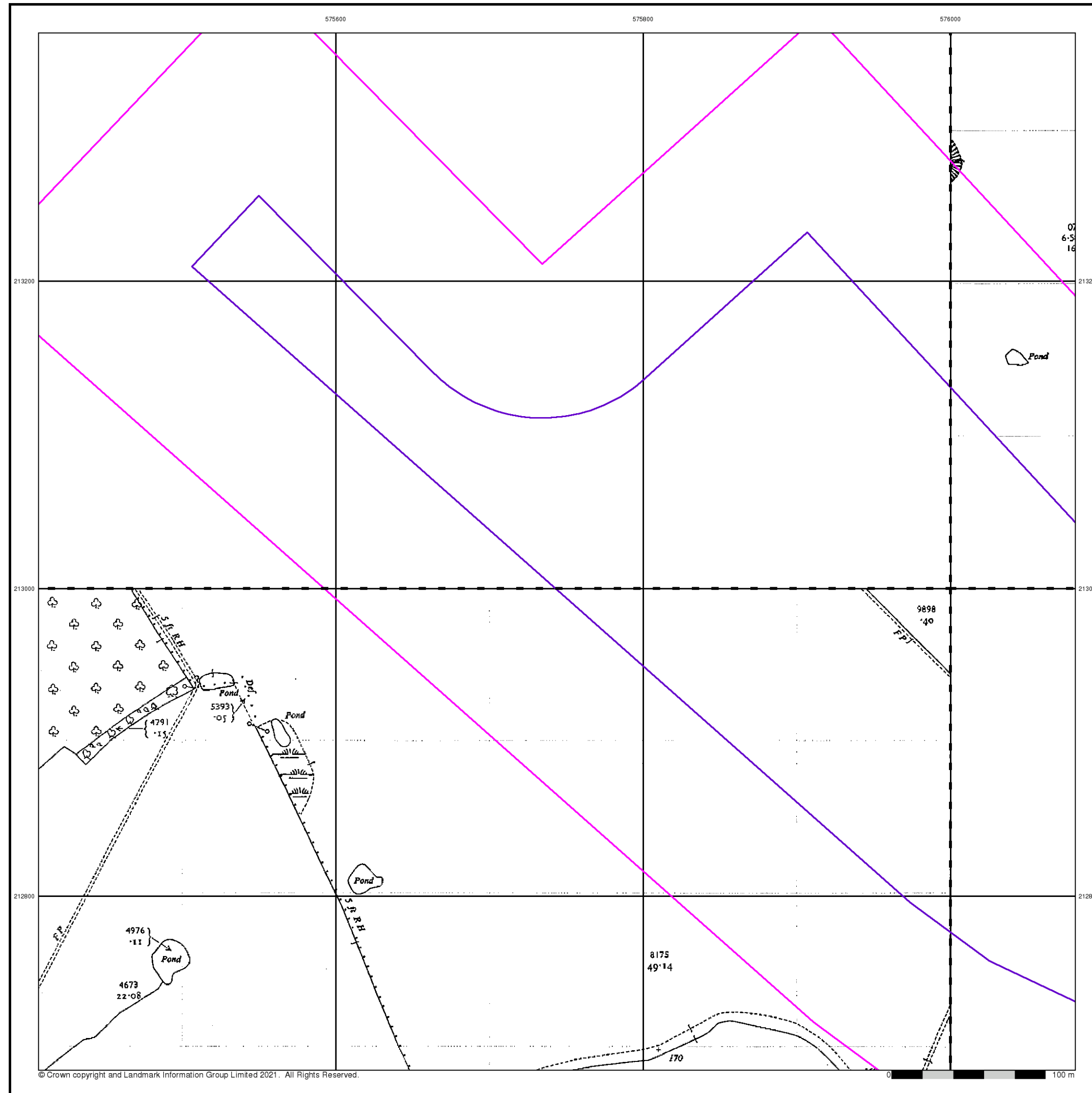


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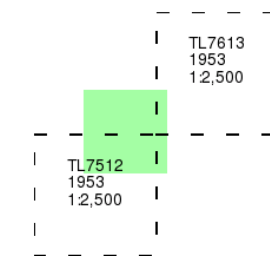
Additional SIMs

Published 1953

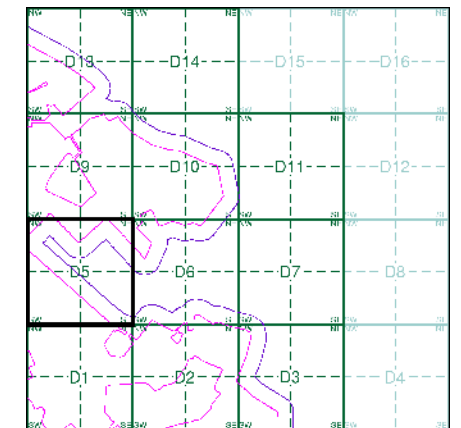
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Map Name(s) and Date(s)



Historical Map - Segment D5



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Ordnance Survey Plan

Published 1966 - 1978

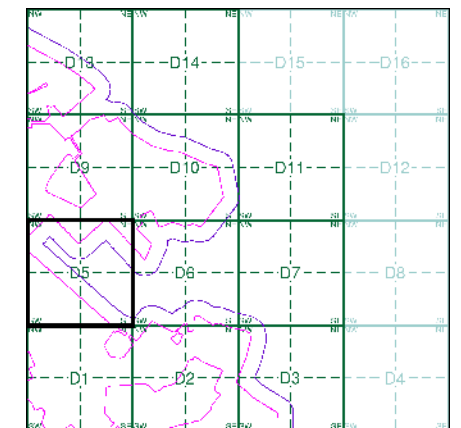
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL7513 1967 12,500		
	TL7512 1966 12,500	TL7612 1978 12,500

Historical Map - Segment D5

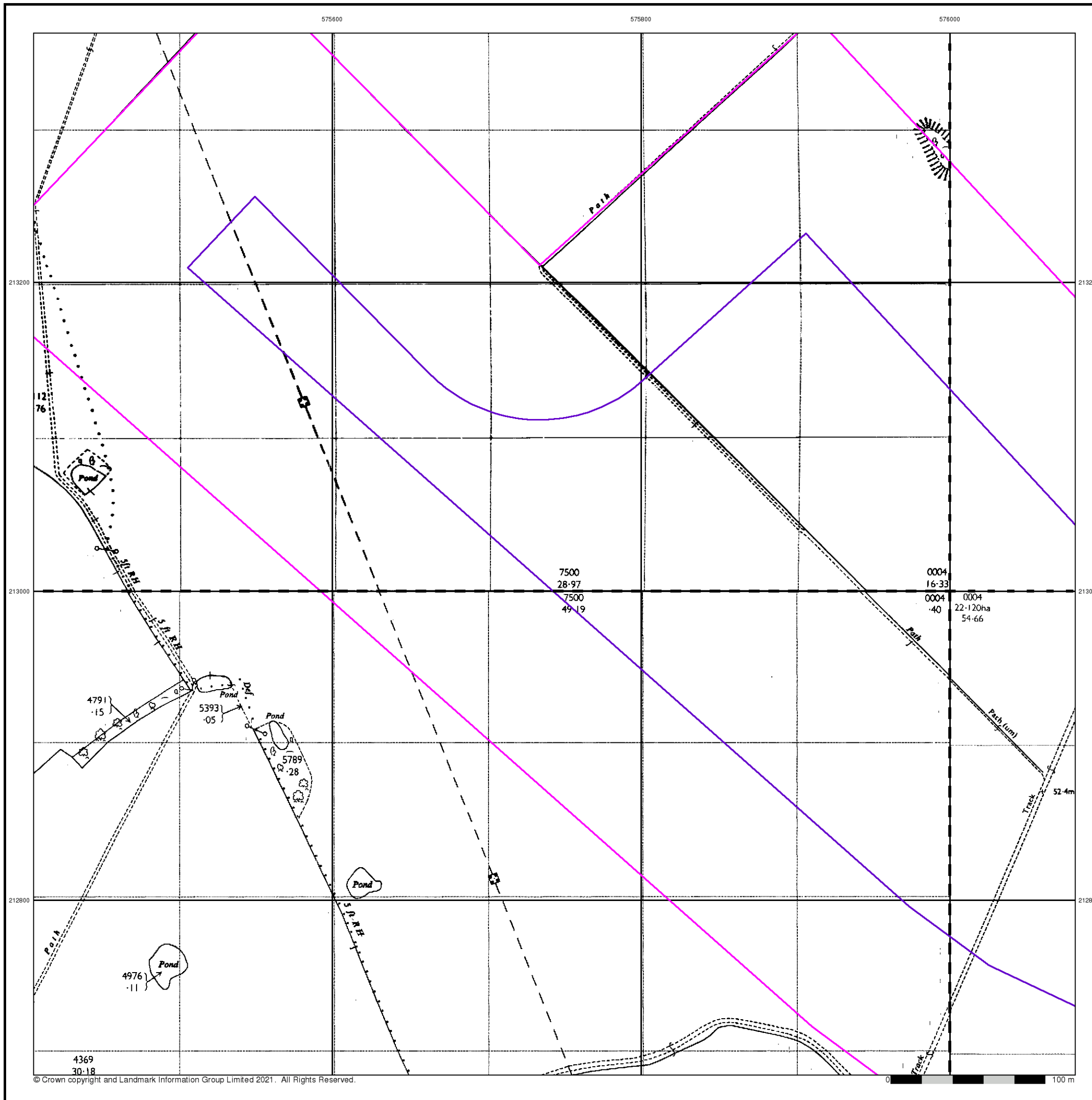


Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

Longfield



Ordnance Survey Plan

Published 1978

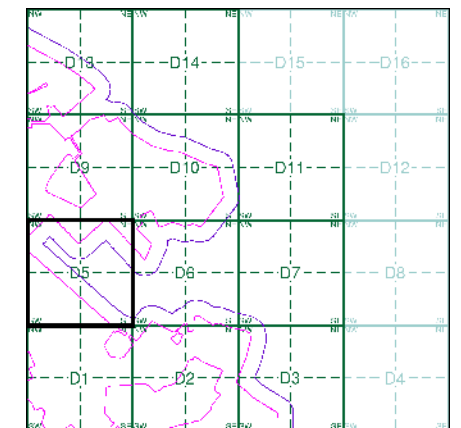
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL7513	1978	1:2,500
TL7512	1978	1:2,500

Historical Map - Segment D5

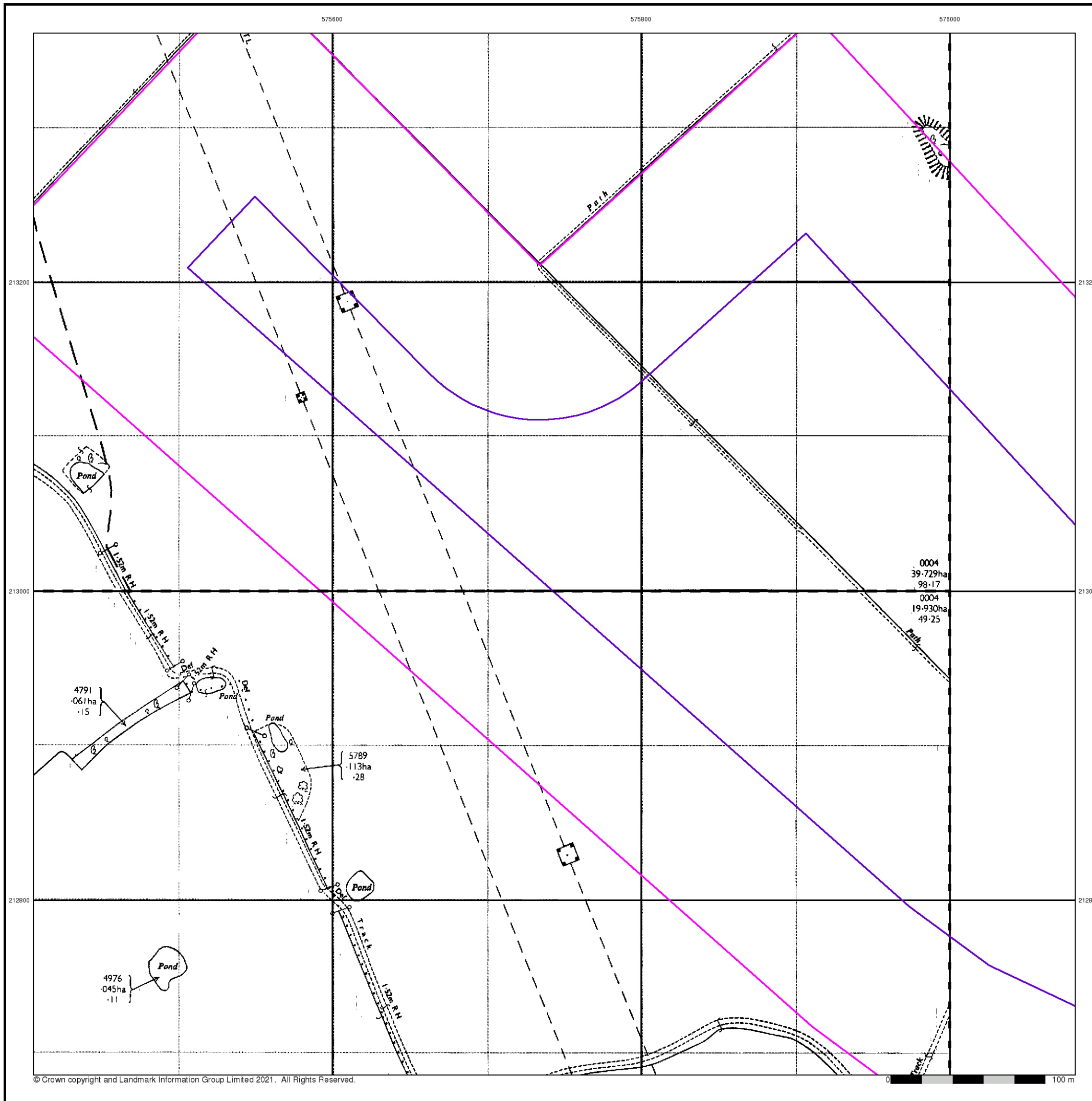


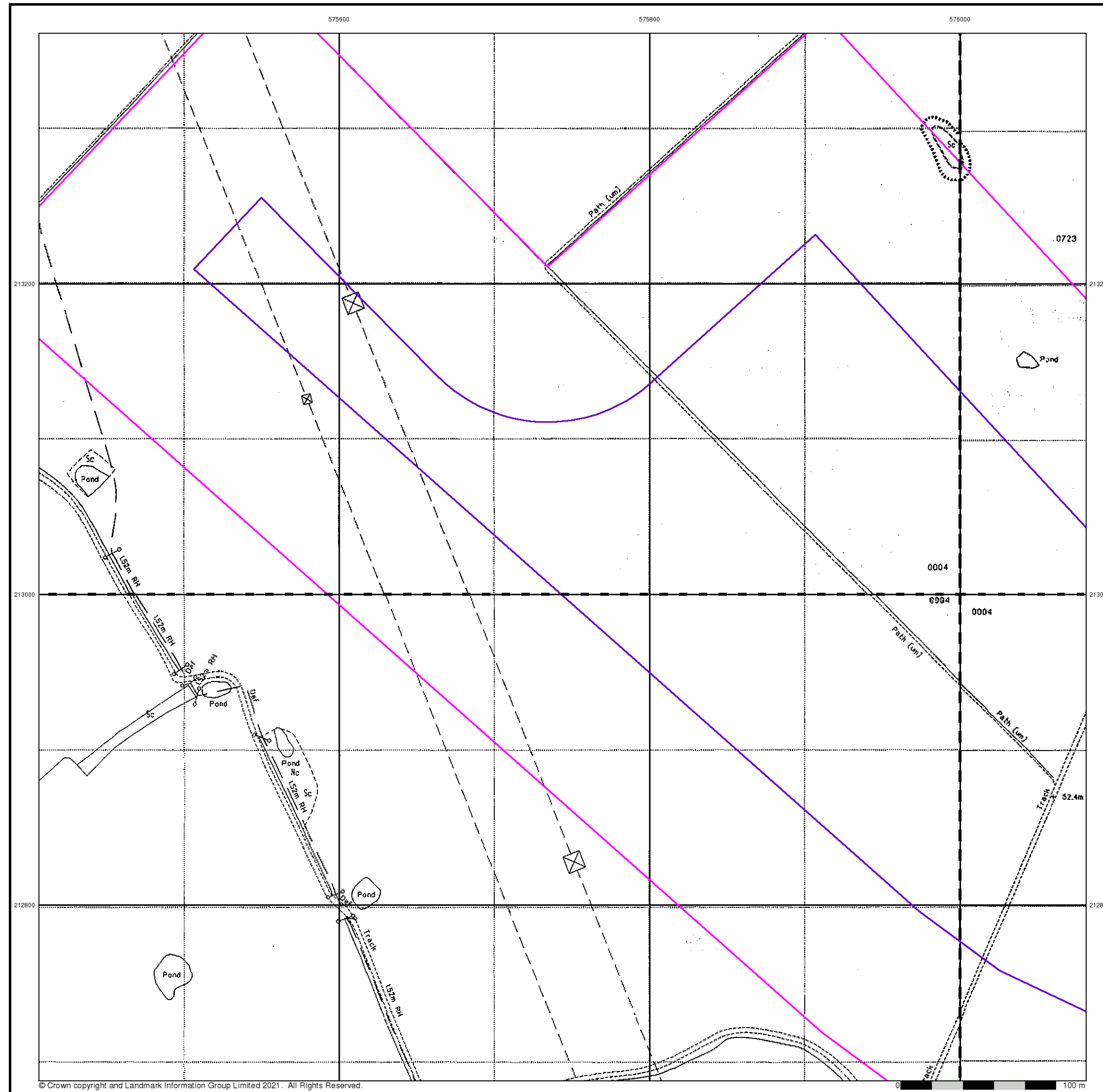
Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

Longfield





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Large-Scale National Grid Data

Published 1993

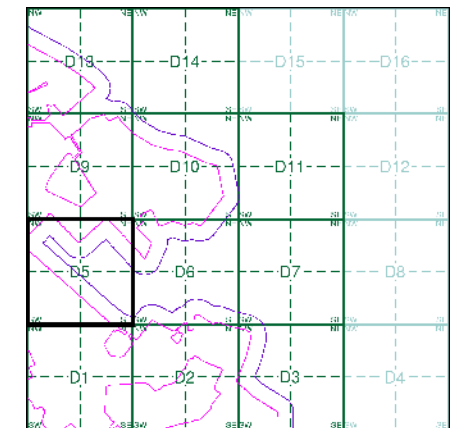
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL7513 1993 12,500	TL7613 1993 12,500
TL7512 1993 12,500	TL7612 1993 12,500

Historical Map - Segment D5



Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

Longfield

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576000

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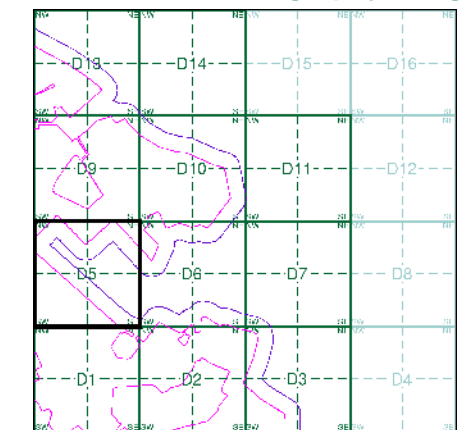
● LANDMARK INFORMATION GROUP®

Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment D5



Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

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213200

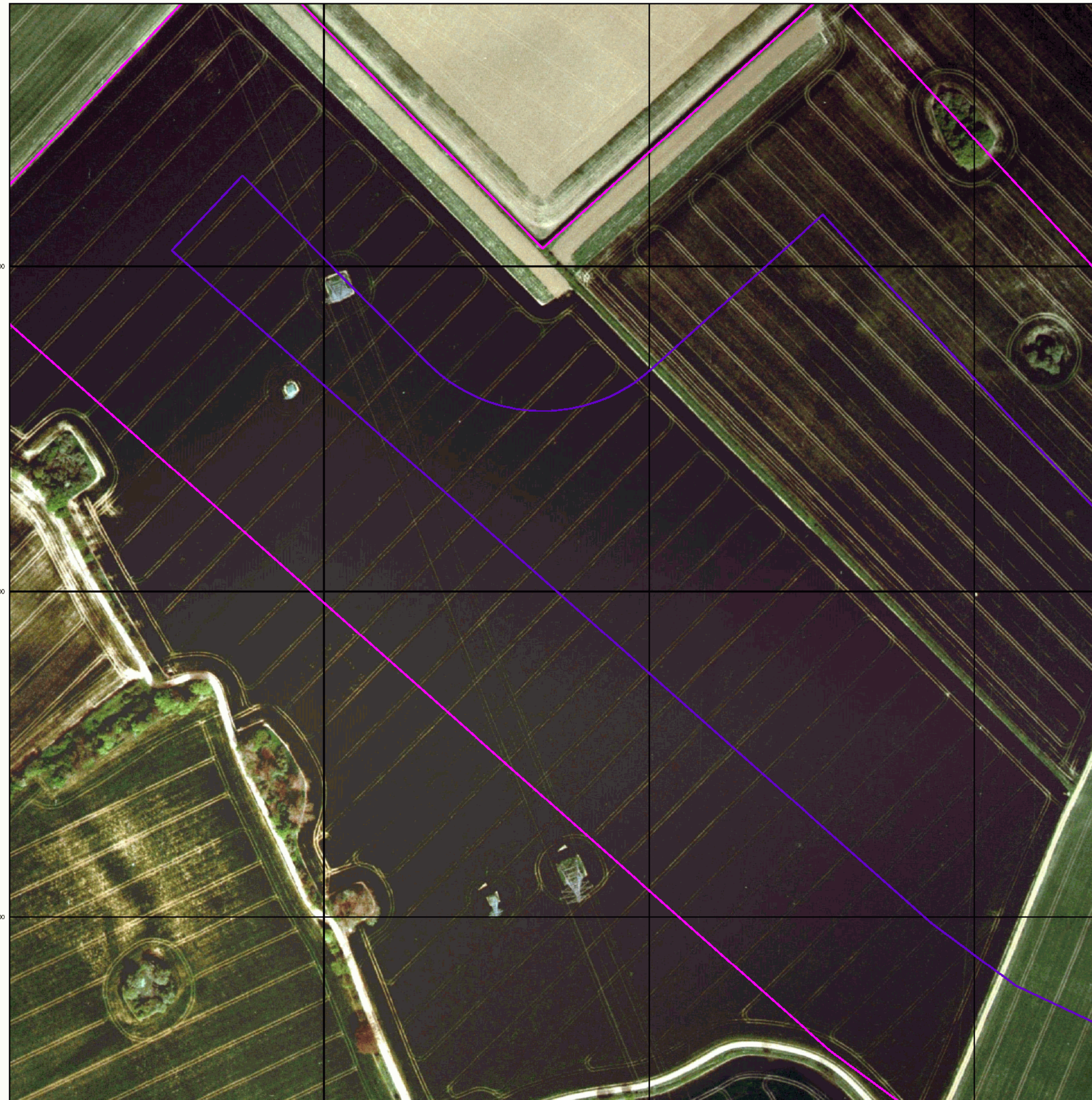
213200

213000

213000

212800

212800



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**

Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**

Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**

Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**

Cutting **Embankment**

Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**

County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
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

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**

Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**

Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**

Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**

Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**

Cave Entrance **Triangulation Station** **Electricity Pylon**

Electricity Transmission Line

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

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
EI 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

Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**

Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**

Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**

Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**

Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**

Electricity Transmission Line **Electricity Pylon**

B.M. 231.60m **Bench Mark** **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**

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
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station

EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI 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 Governor **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

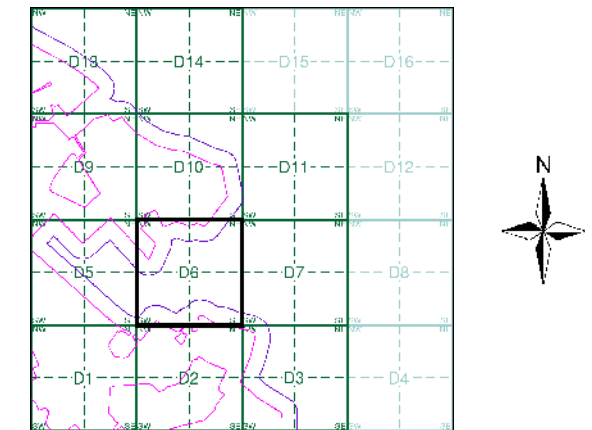
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:2,500	1877	2
Essex	1:2,500	1897	3
Essex	1:2,500	1922	4
Ordnance Survey Plan	1:2,500	1953	5
Additional SIMs	1:2,500	1953	6
Ordnance Survey Plan	1:2,500	1978	7
Large-Scale National Grid Data	1:2,500	1993	8
Historical Aerial Photography	1:2,500	1999	9

Historical Map - Segment D6



Order Details

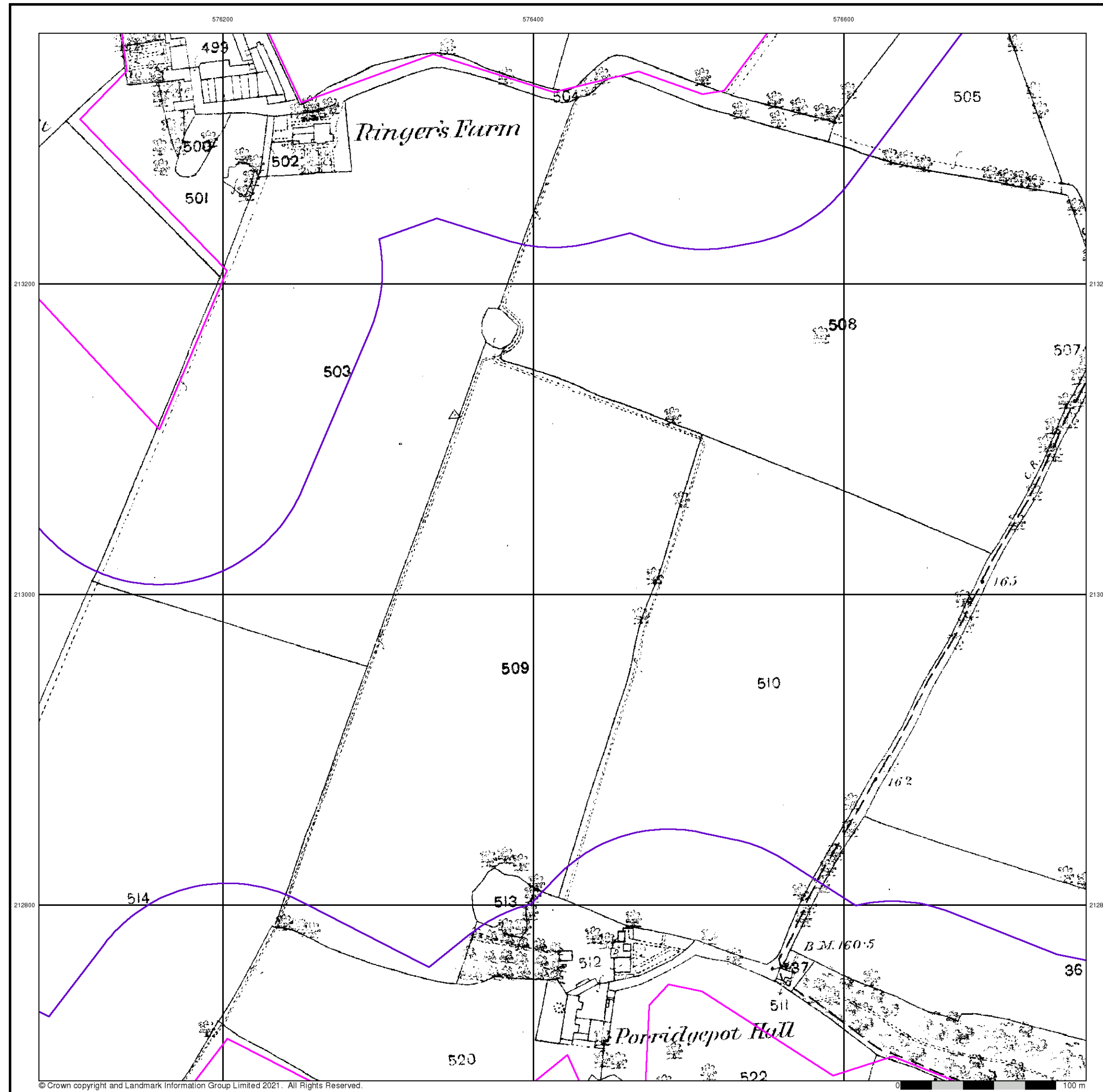
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 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

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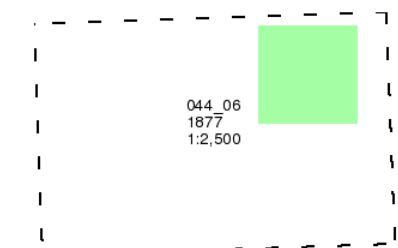
Essex

Published 1877

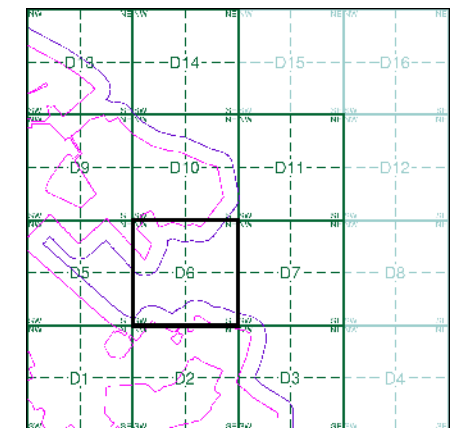
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D6

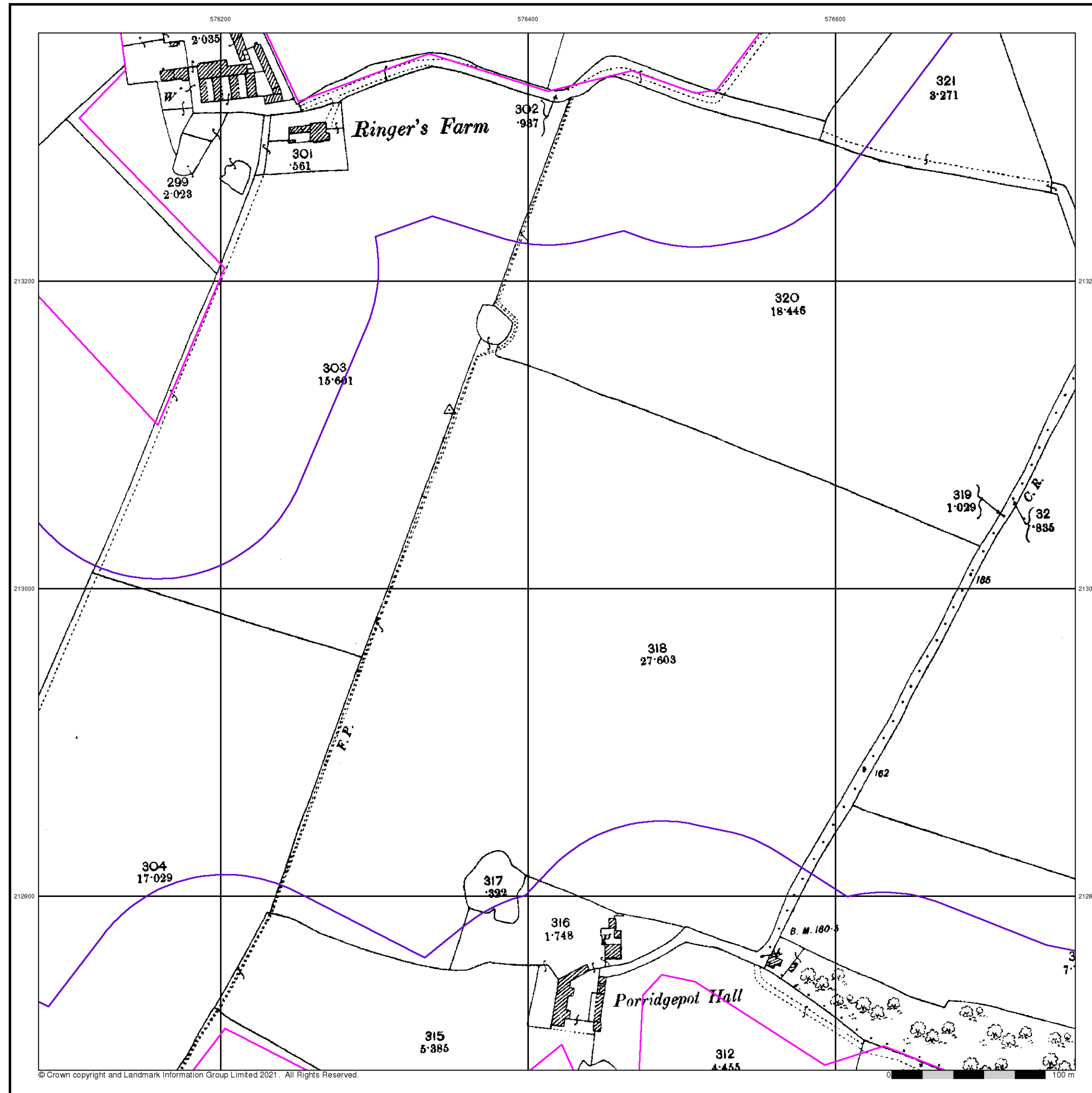


Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
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Site Details

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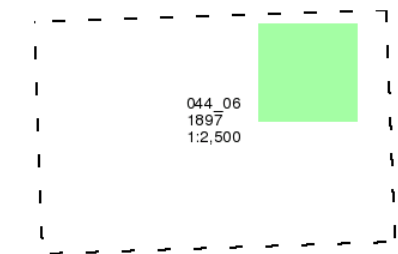
Essex

Published 1897

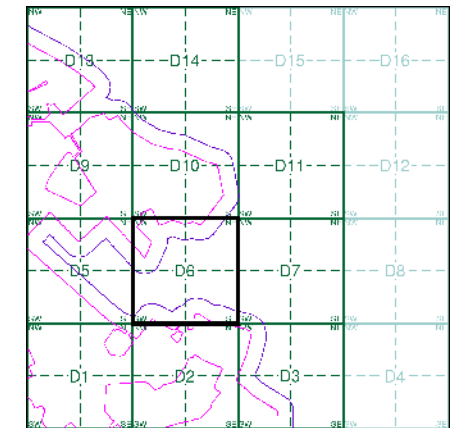
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D6



Order Details

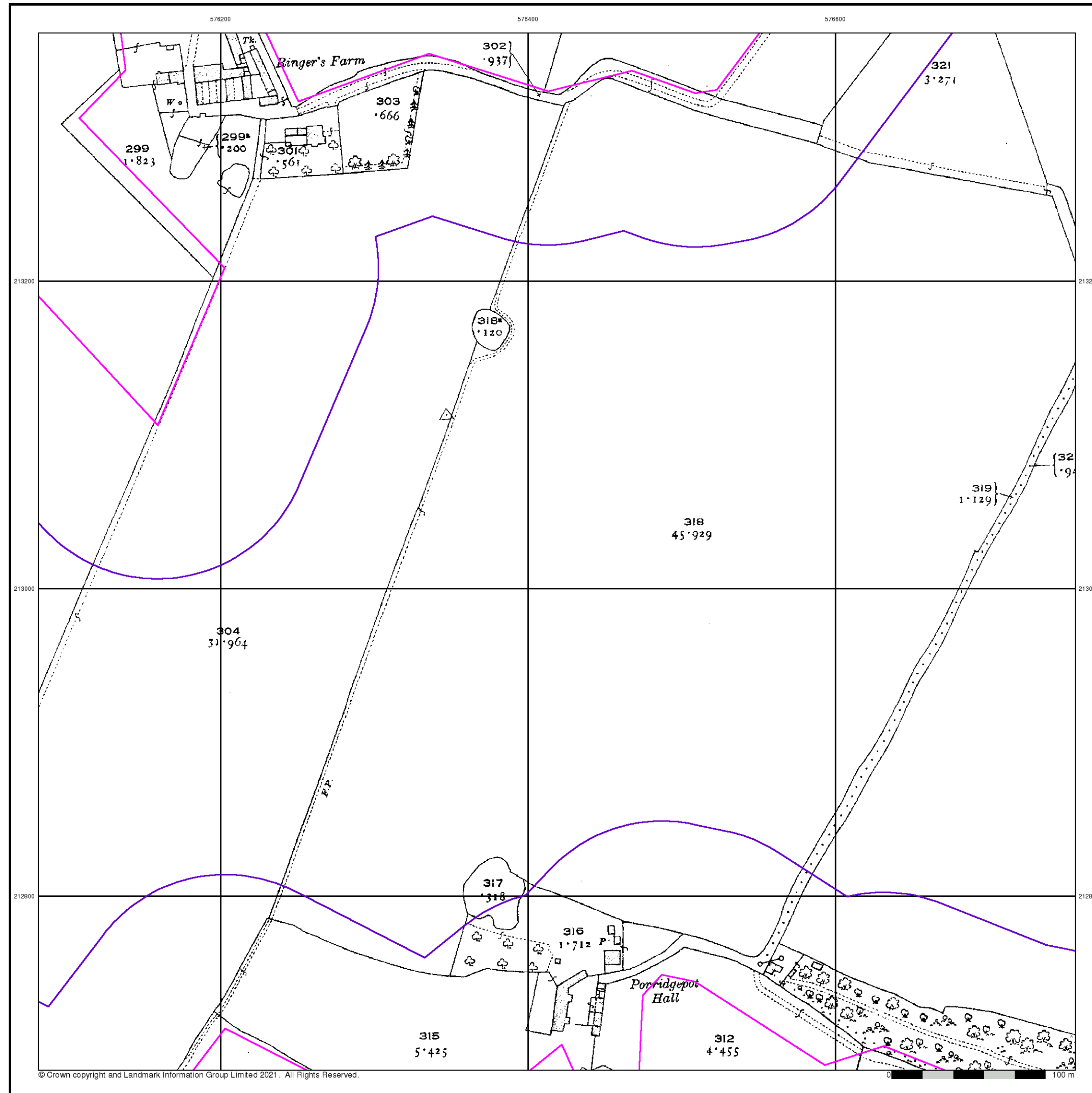
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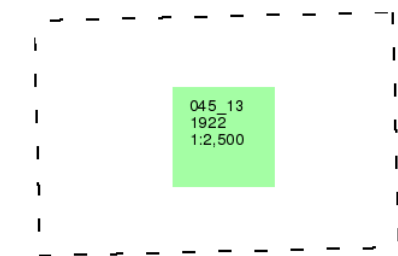
Essex

Published 1922

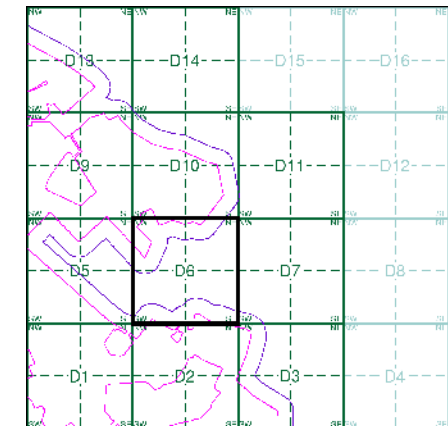
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D6



Order Details

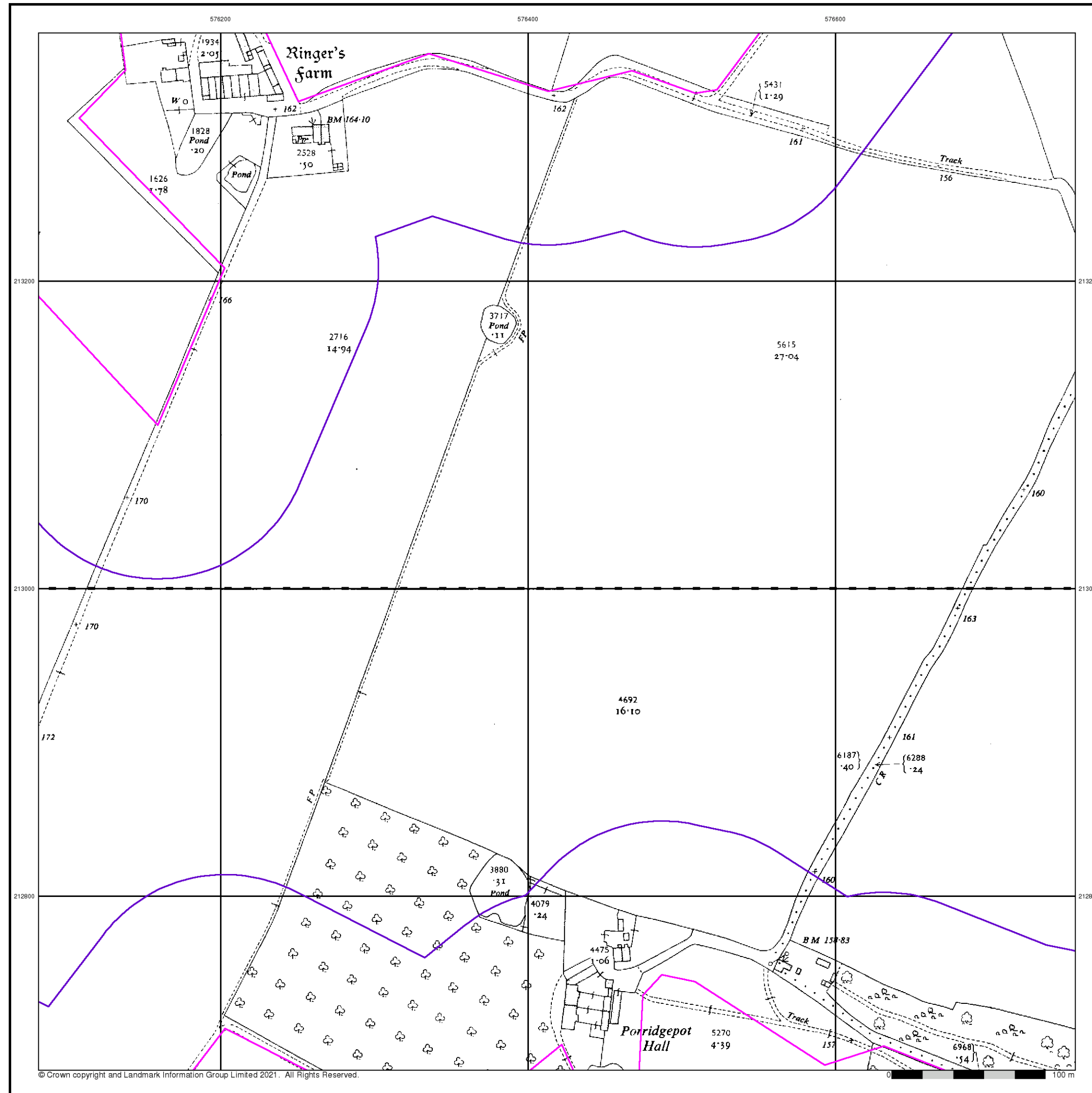
Order Number: 274546457_1_1
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Ordnance Survey Plan

Published 1953
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL7613	1953	1:2,500
TL7612	1953	1:2,500

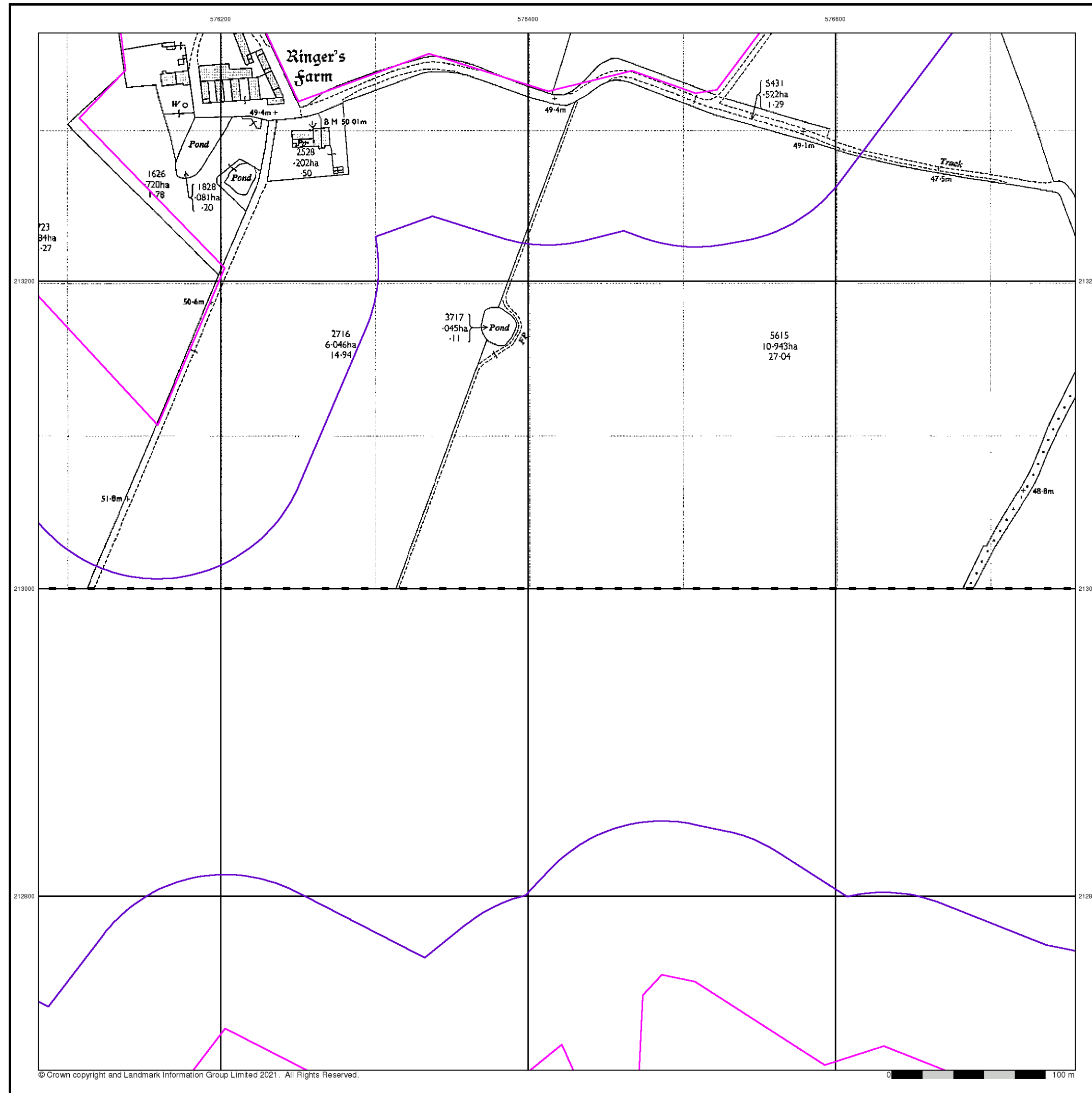
Historical Map - Segment D6

Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

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Additional SIMs
Published 1953
Source map scale - 1:2,500

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 Name(s) and Date(s)

TL7613
1953
1:2,500

Historical Map - Segment D6

Order Details

Order Number: 274546457_1_1
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 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details
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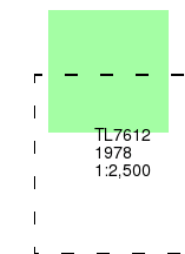
Ordnance Survey Plan

Published 1978

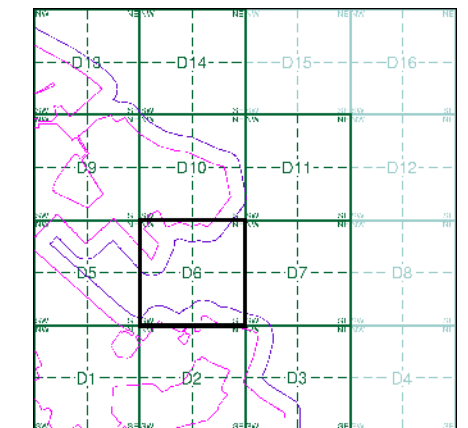
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D6

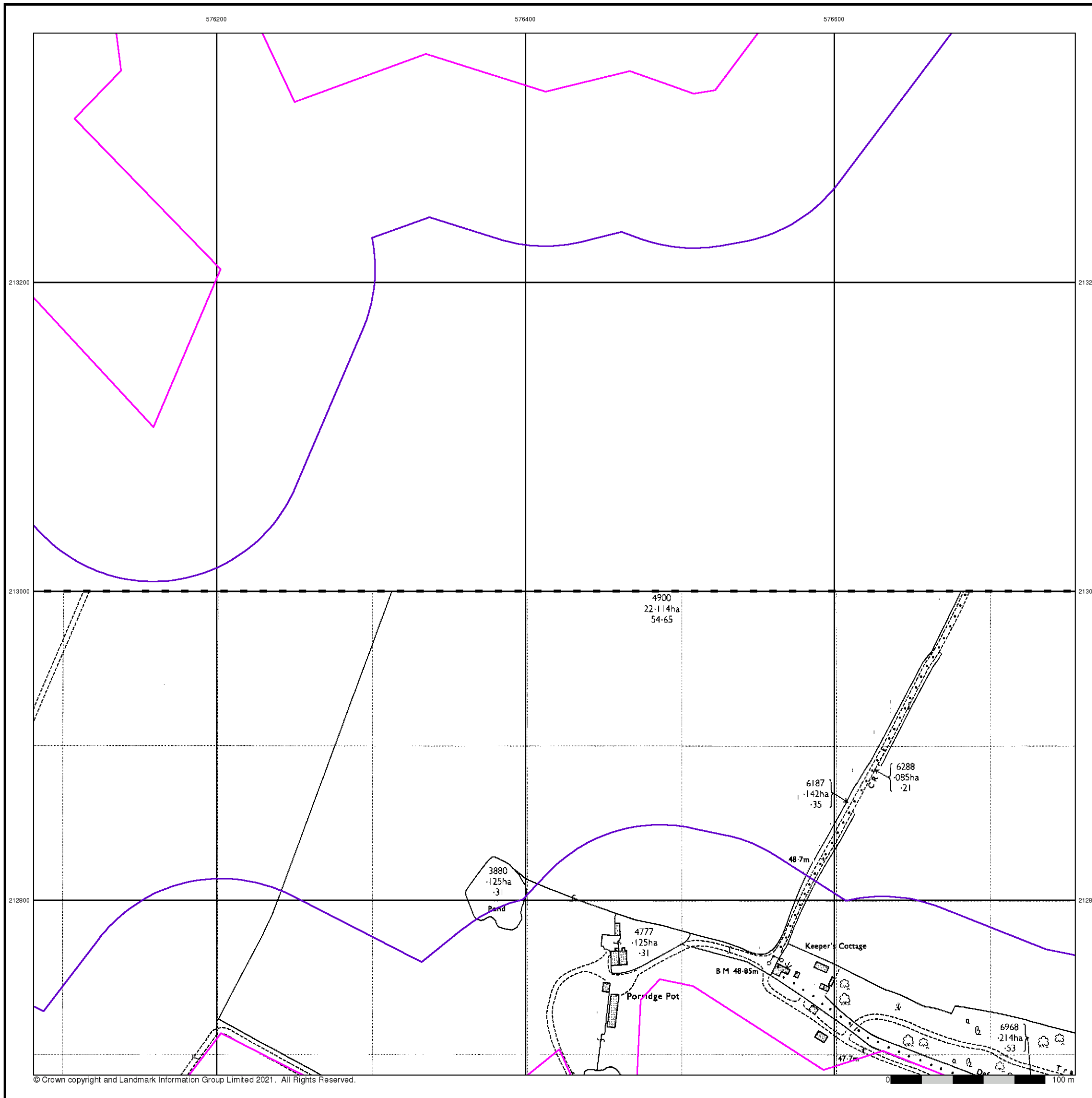


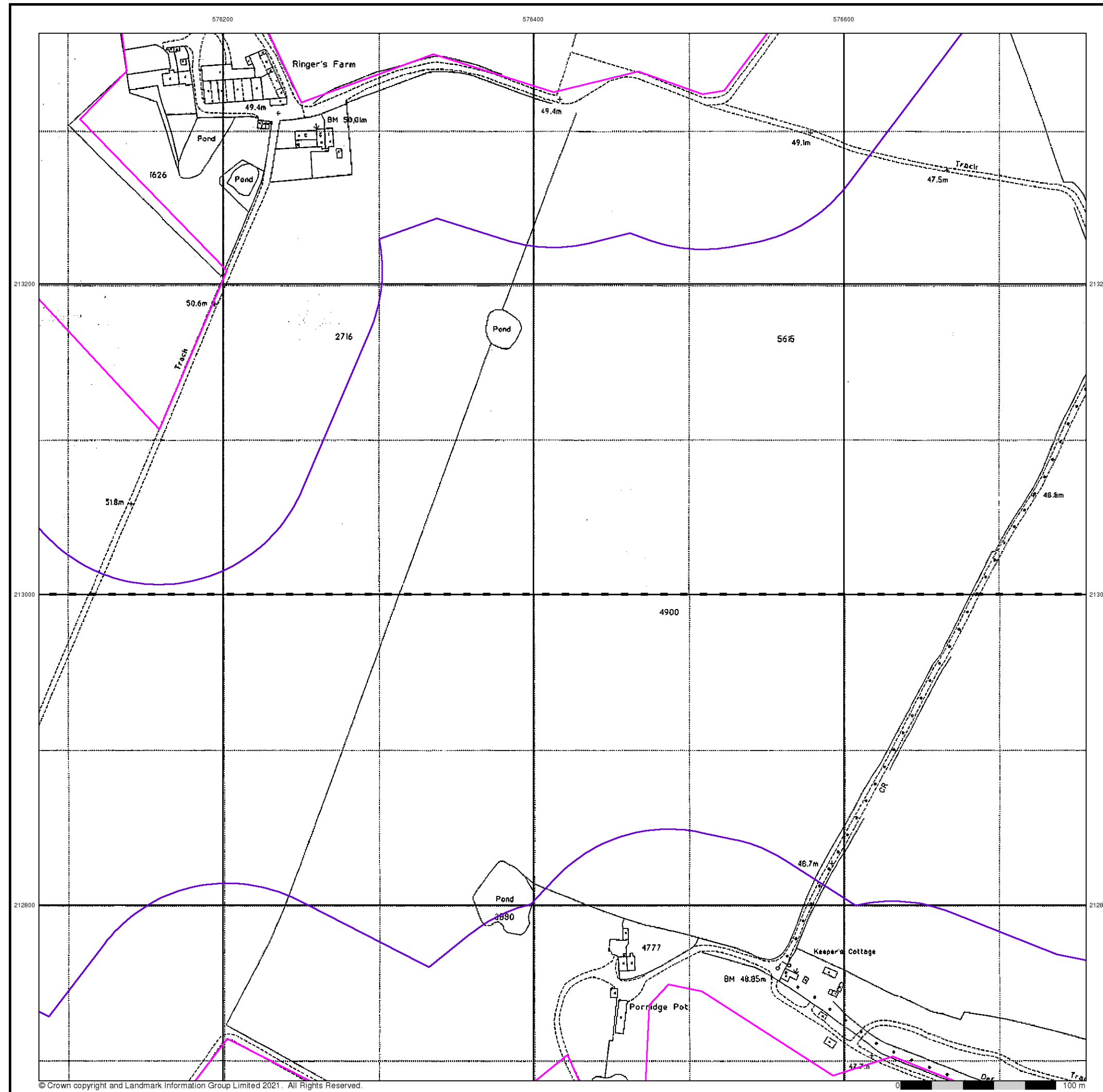
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 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1993

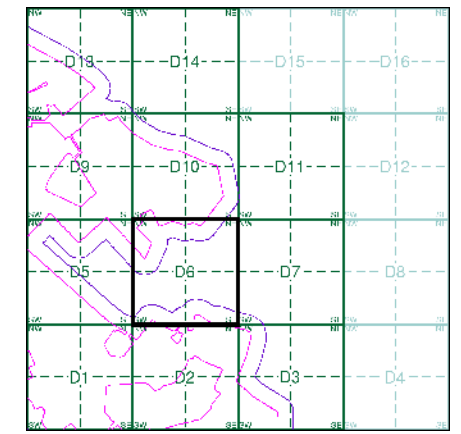
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL7613	1993	1:2,500
TL7612	1993	1:2,500

Historical Map - Segment D6



Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

Longfield

576200

576400

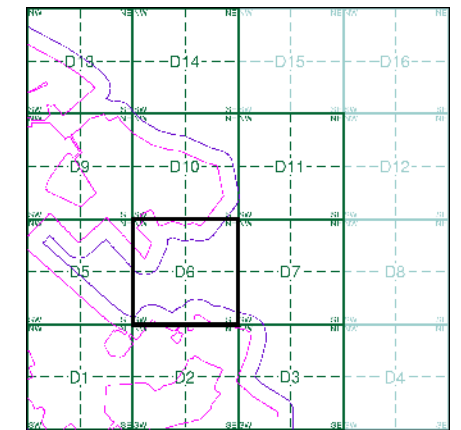
576600

Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment D6



Order Details

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 Customer Ref: 60640215
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 Site Area (Ha): 473.19
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Site Details

Longfield

213200

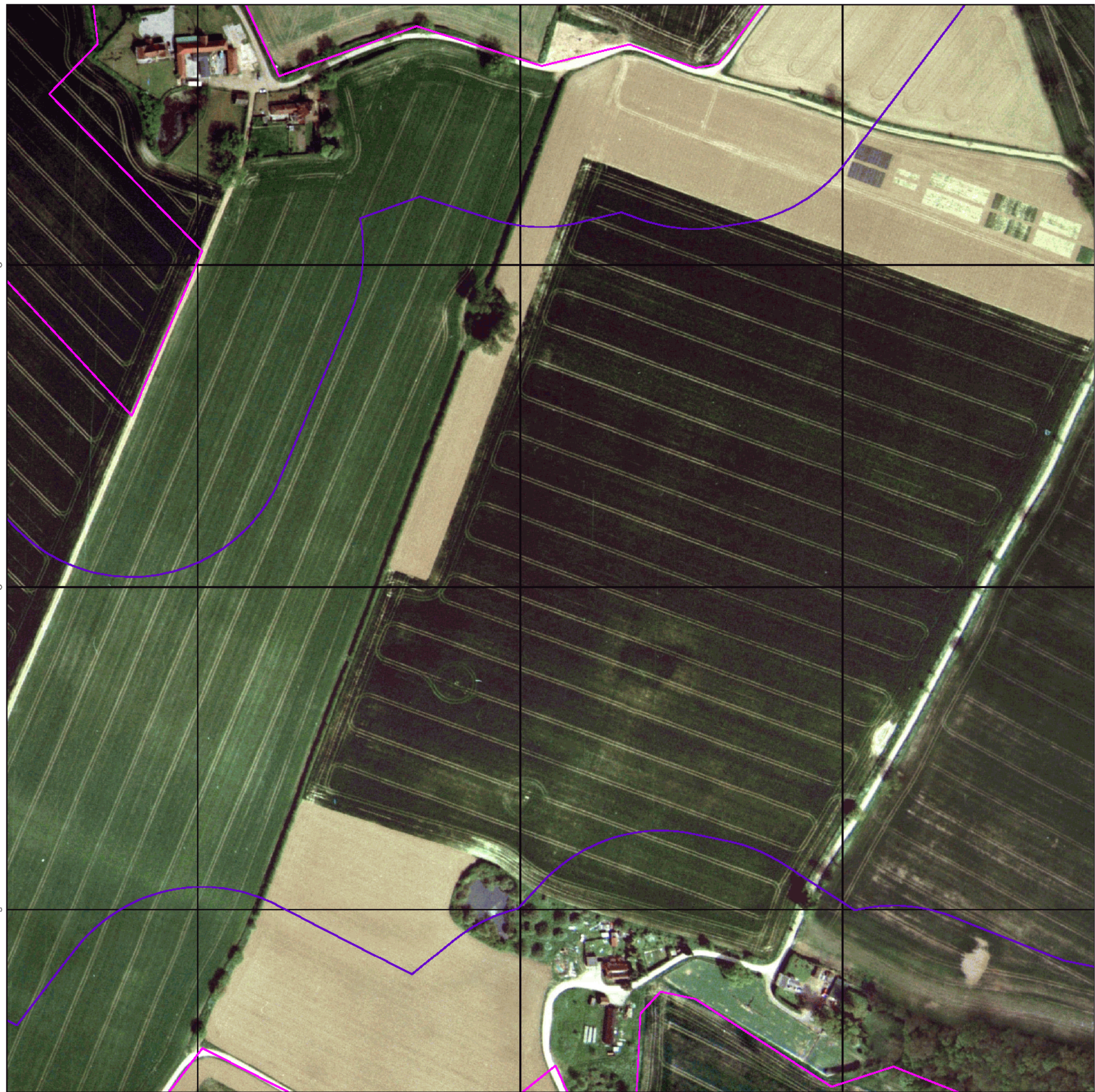
213200

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213000

212800

212800



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Boundary Post or Stone **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**

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
Beer House **Pillar, Pole or Post**
Boundary Post or Stone **Post Office**
Capstan, Crane **Public Convenience**
Chimney **Public House**
Drinking Fountain **Pump**
Electricity Pillar or Post **Signal Box or Bridge**
Fire Alarm Pillar **Signal Post or Light**
Foot Bridge **Spring**
Guide Post **Tank or Track**
Hydrant or Hydraulic **Telephone Call Box**
Level Crossing **Telephone Call Post**
Manhole **Trough**
Mile Post or Mooring Post **Water Point, Water Tap**
Mile Stone **Well**
Normal Tidal Limit **Wind Pump**

Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
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)
Barracks **Pillar, Pole or Post**
Battery **Post Office**
Cemetery **Public Convenience**
Chimney **Pump**
Cistern **Pumping Station**
Dismtd Rly **Place of Worship**
Electricity Generating Station **Sewage Pumping Station**
Electricity Pole, Pillar **Signal Box or Bridge**
Electricity Sub Station **Signal Post or Light**
Filter Bed **Spring**
Fountain / Drinking Ftn. **Tank or Track**
Gas Valve Compound **Trough**
Gas Governor **Wind Pump**
Guide Post **Water Point, Water Tap**
Manhole **Works (building or area)**
Mile Post or Mile Stone **Well**

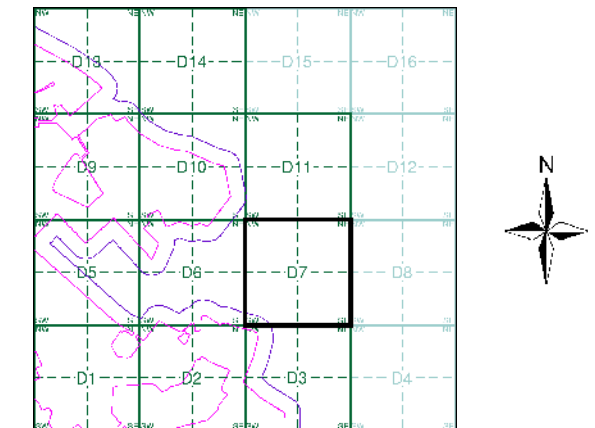
Envirocheck

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:2,500	1874 - 1877	2
Essex	1:2,500	1897	3
Essex	1:2,500	1922	4
Ordnance Survey Plan	1:2,500	1953	5
Additional SIMs	1:2,500	1953 - 1987	6
Ordnance Survey Plan	1:2,500	1978	7
Large-Scale National Grid Data	1:2,500	1993	8
Historical Aerial Photography	1:2,500	1999	9

Historical Map - Segment D7



Order Details

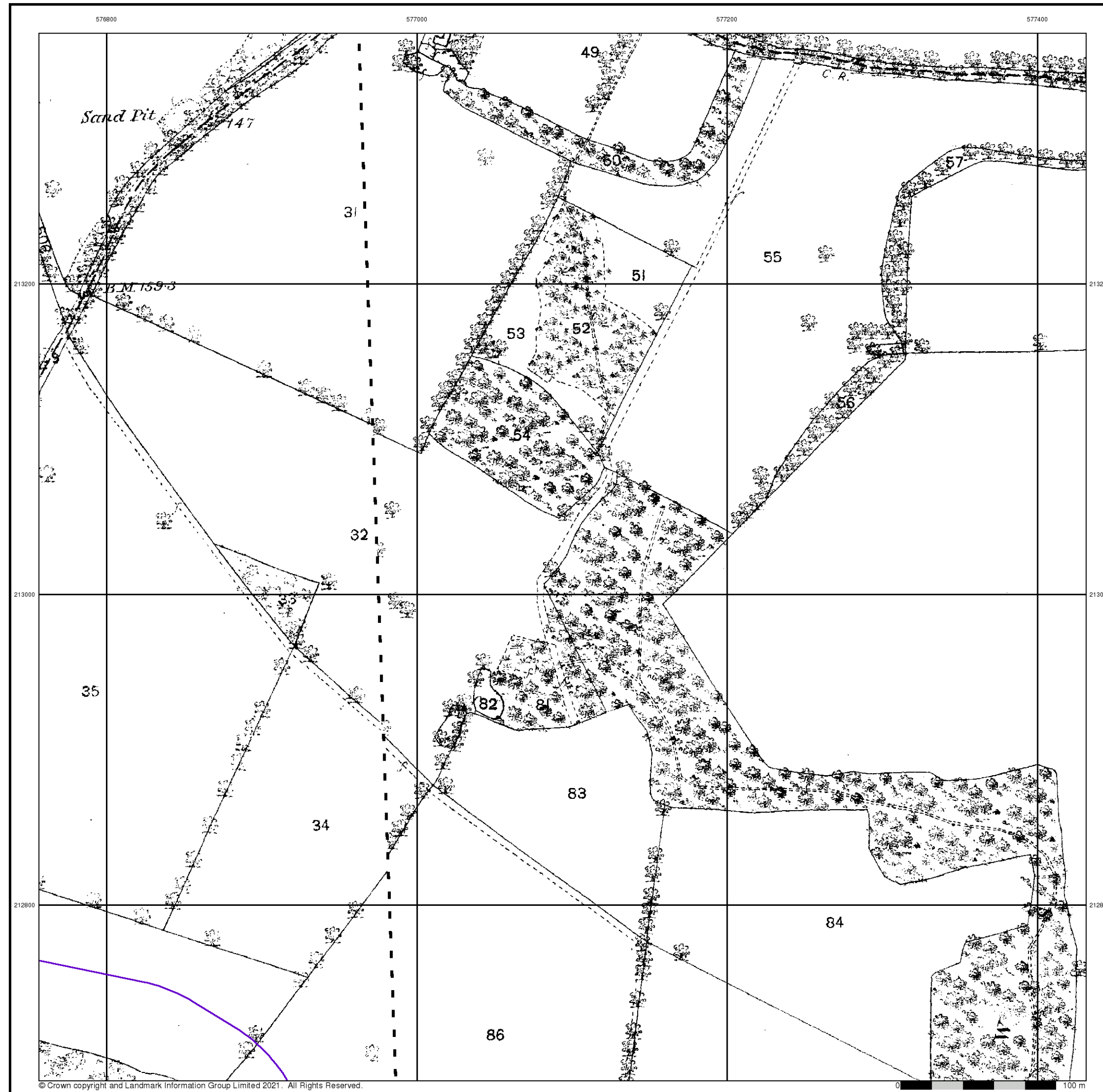
Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

Longfield

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0 100 m

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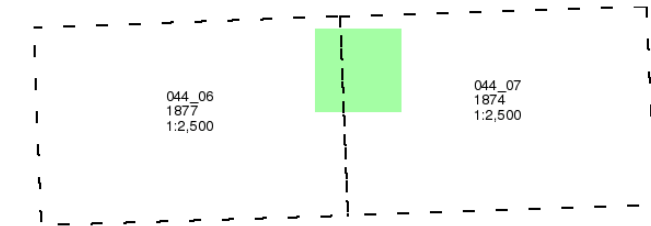
Essex

Published 1874 - 1877

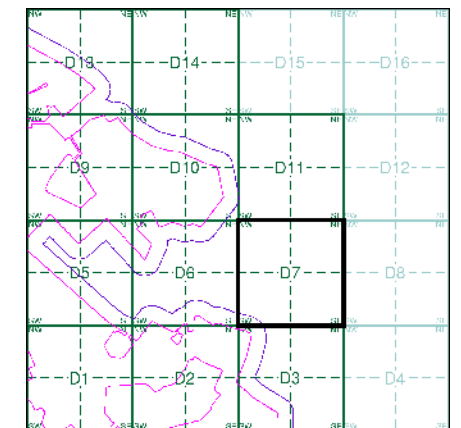
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D7



Order Details

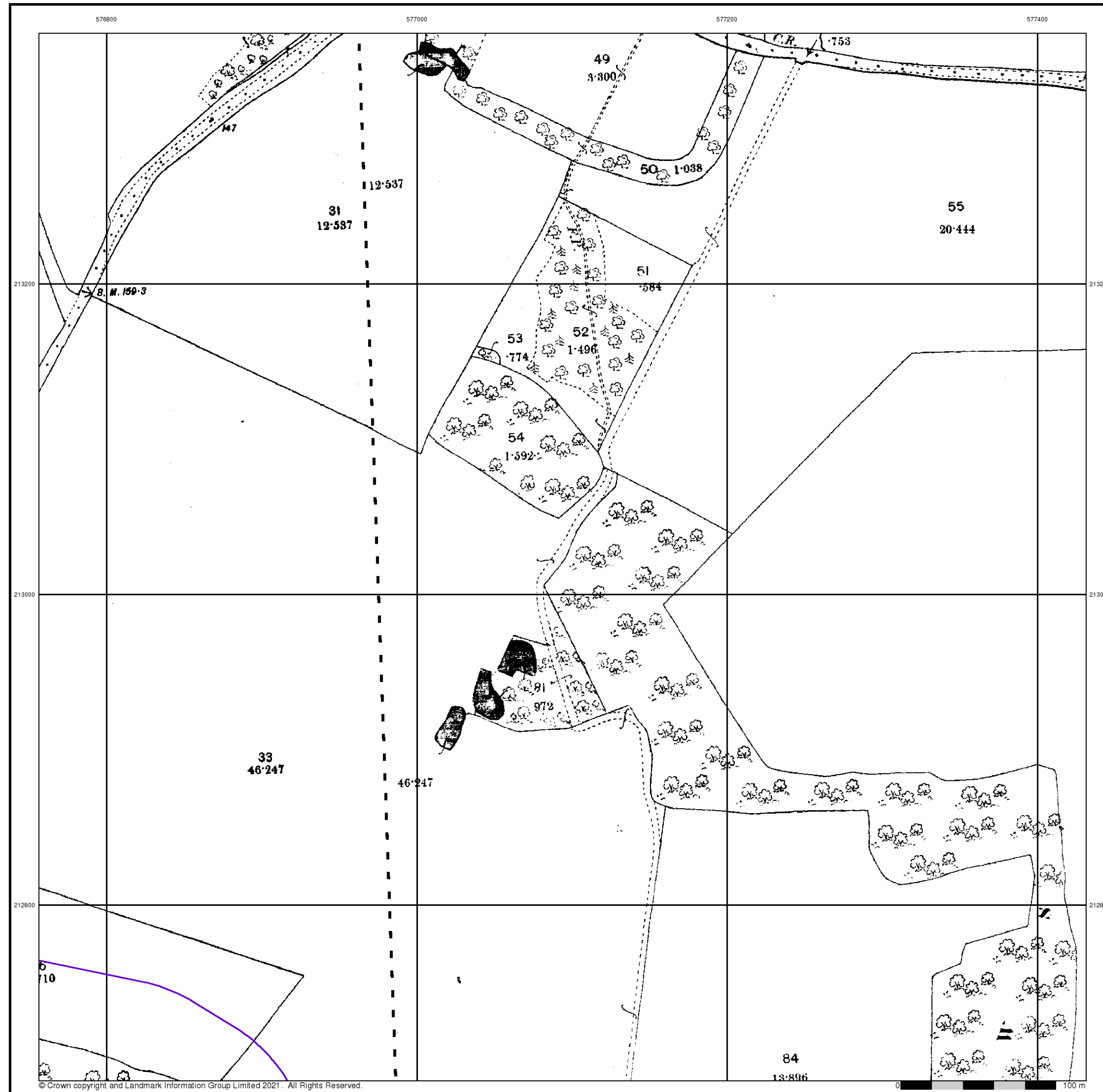
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 Customer Ref: 60640215
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 Slice: D
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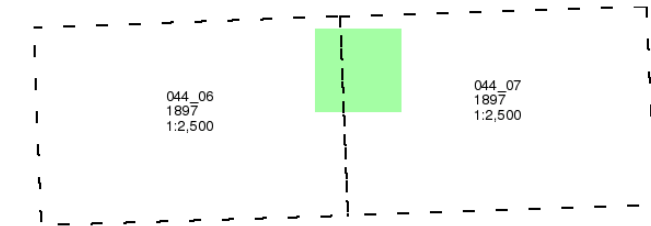
Essex

Published 1897

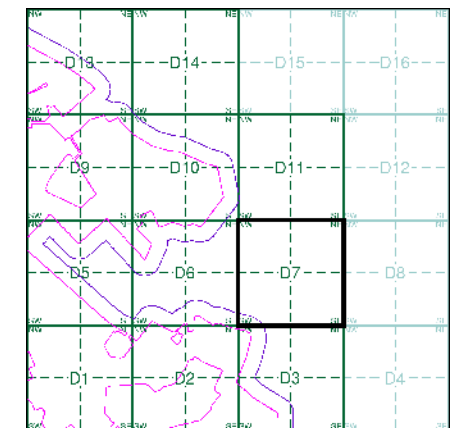
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D7



Order Details

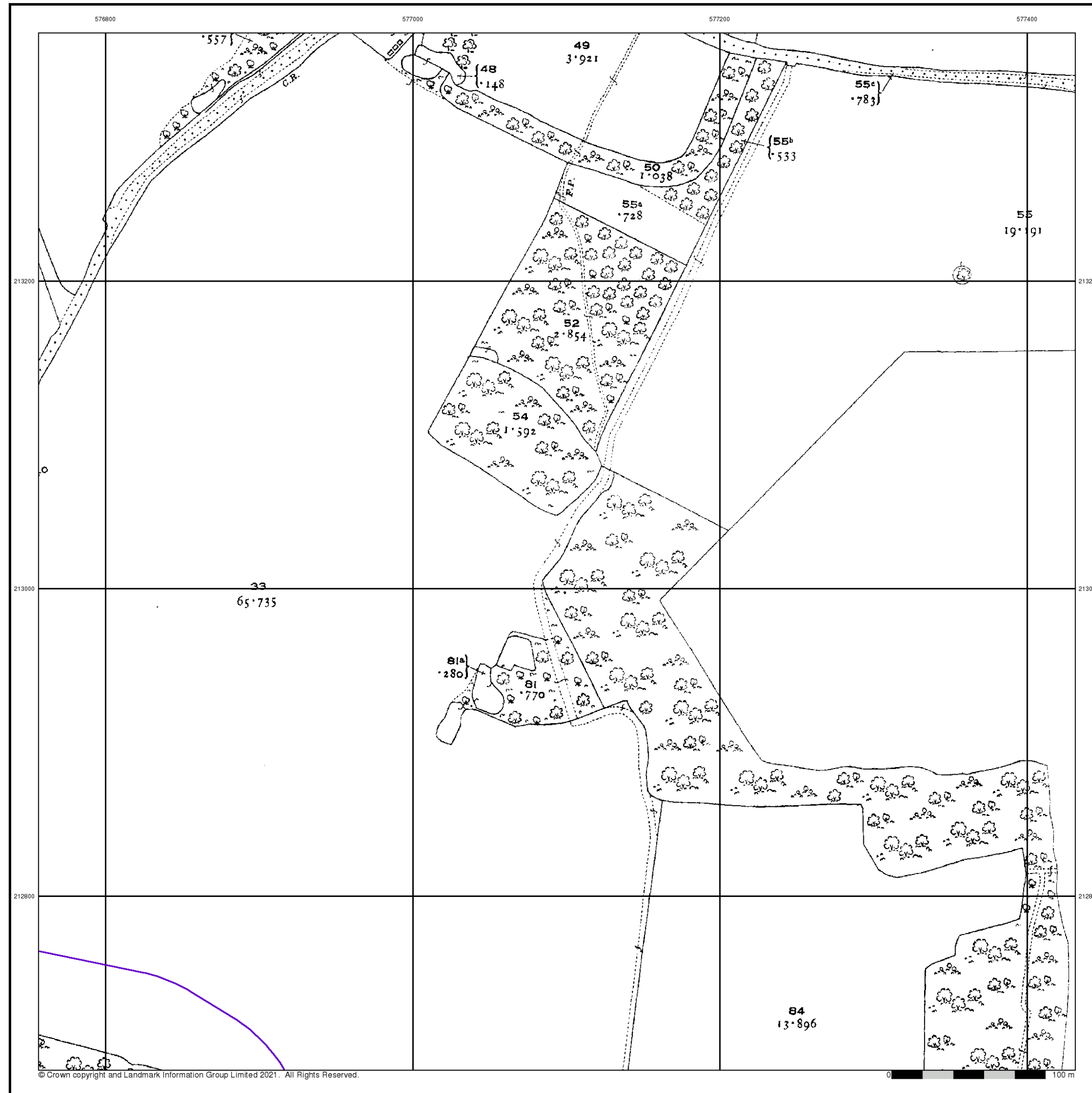
Order Number: 274546457_1_1
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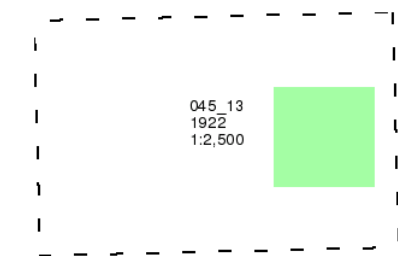
Essex

Published 1922

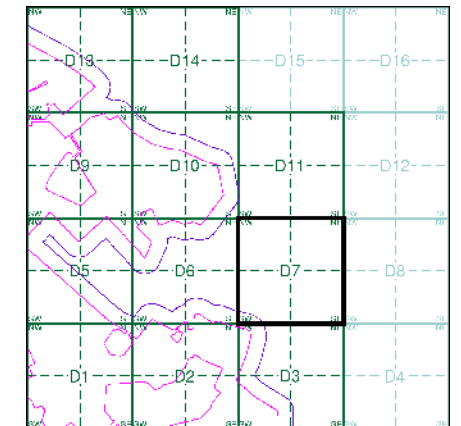
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D7



Order Details

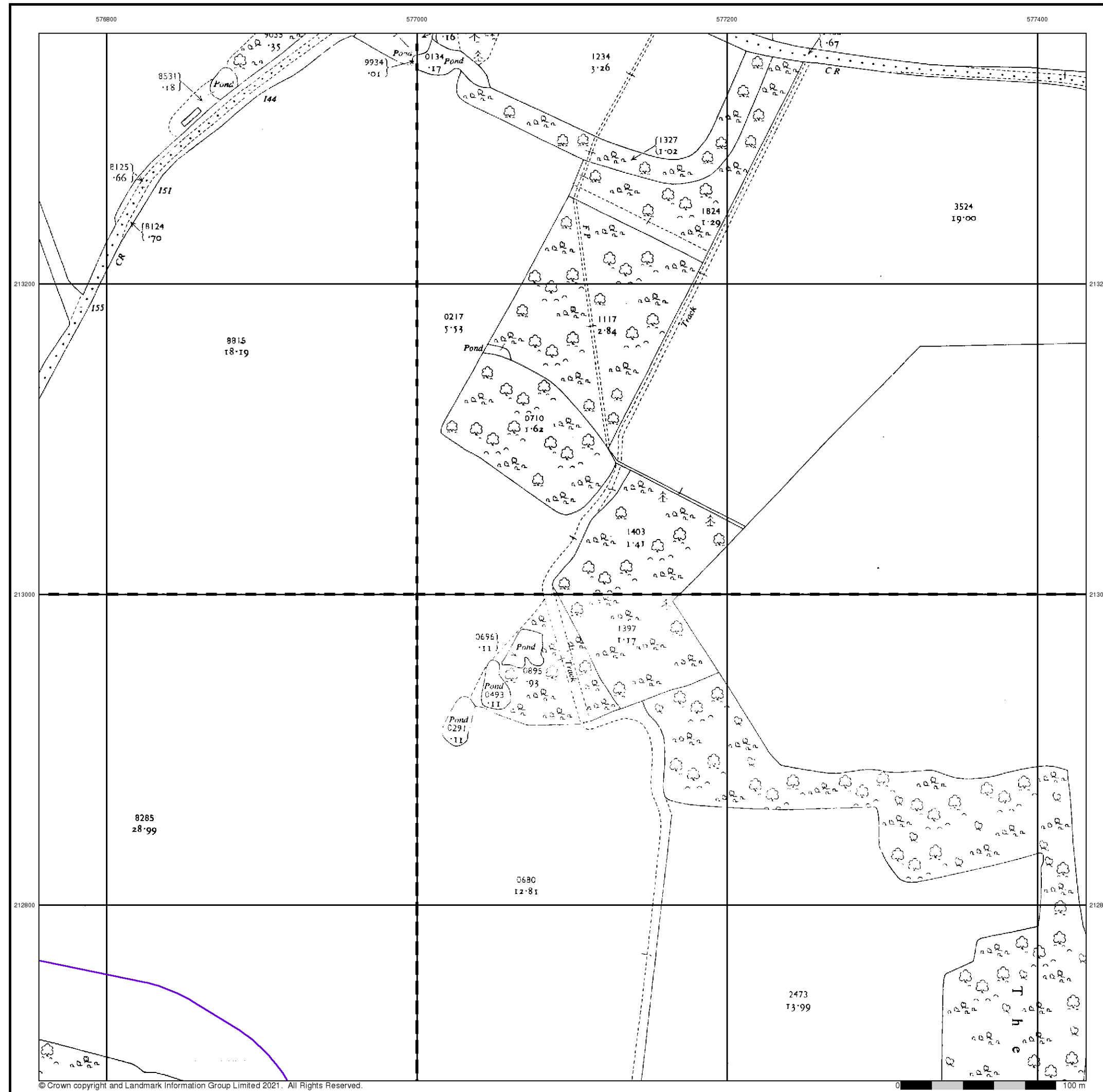
Order Number: 274546457_1_1
 Customer Ref: 60640215
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 Site Area (Ha): 473.19
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Ordnance Survey Plan

Published 1953

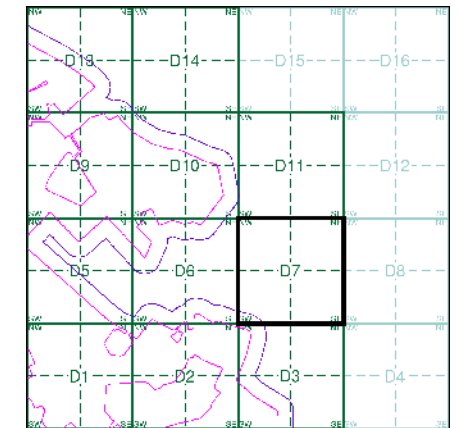
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL7613 1953 12,500	TL7713 1953 12,500
TL7612 1953 12,500	TL7712 1953 12,500

Historical Map - Segment D7



Order Details

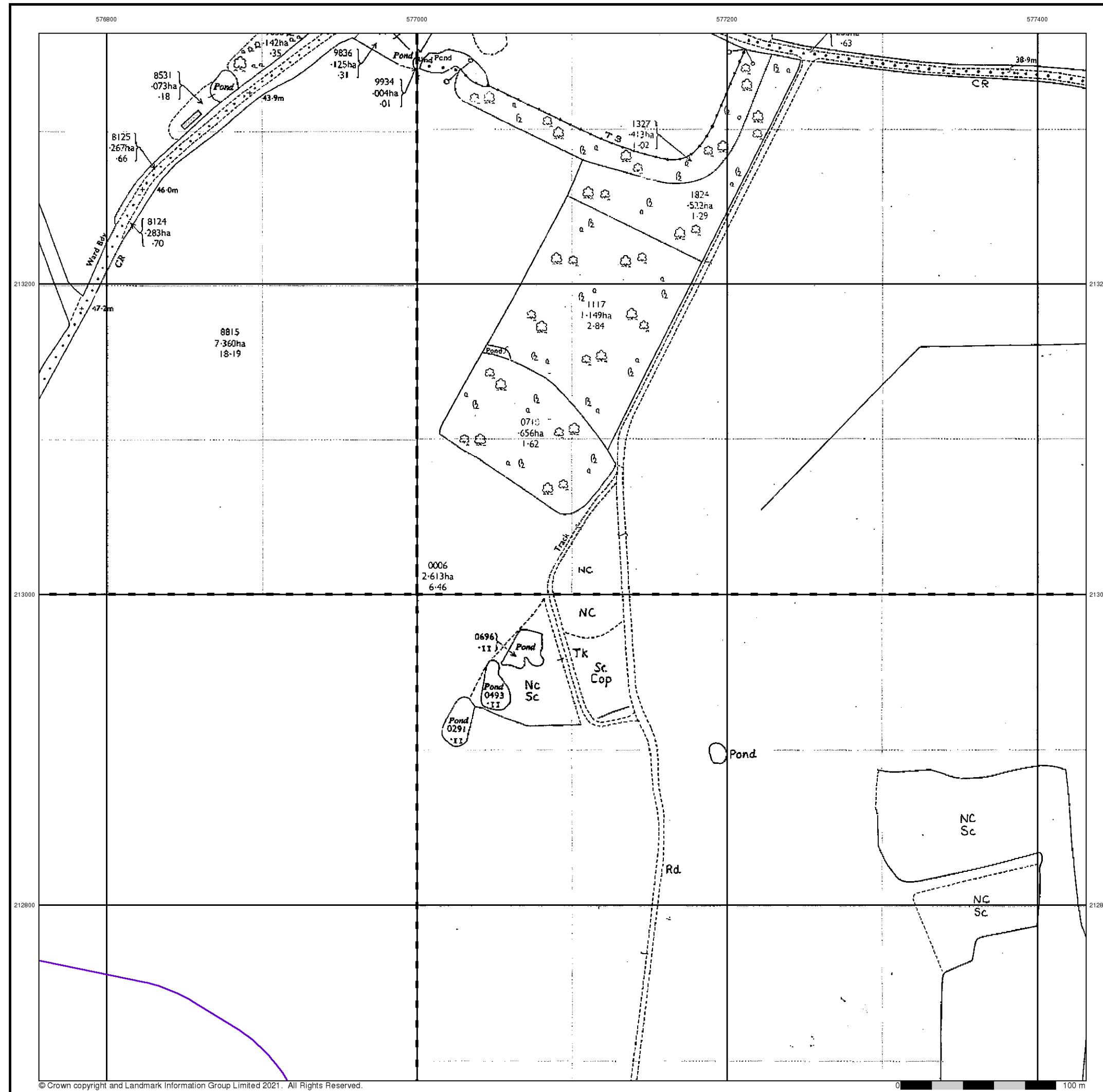
Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

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Additional SIMs

Published 1953 - 1987

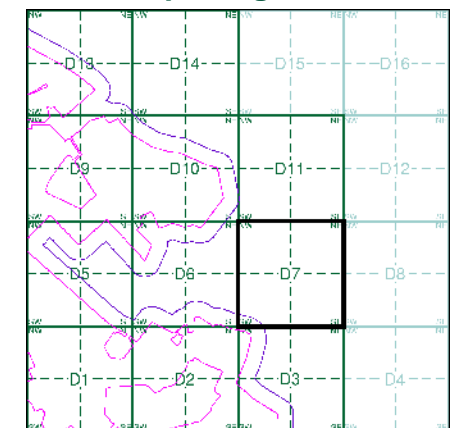
Source map scale - 1:2,500

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 Name(s) and Date(s)

TL7613 1953 1:2,500	TL7713 1987 1:2,500
	TL7712 1987 1:2,500

Historical Map - Segment D7

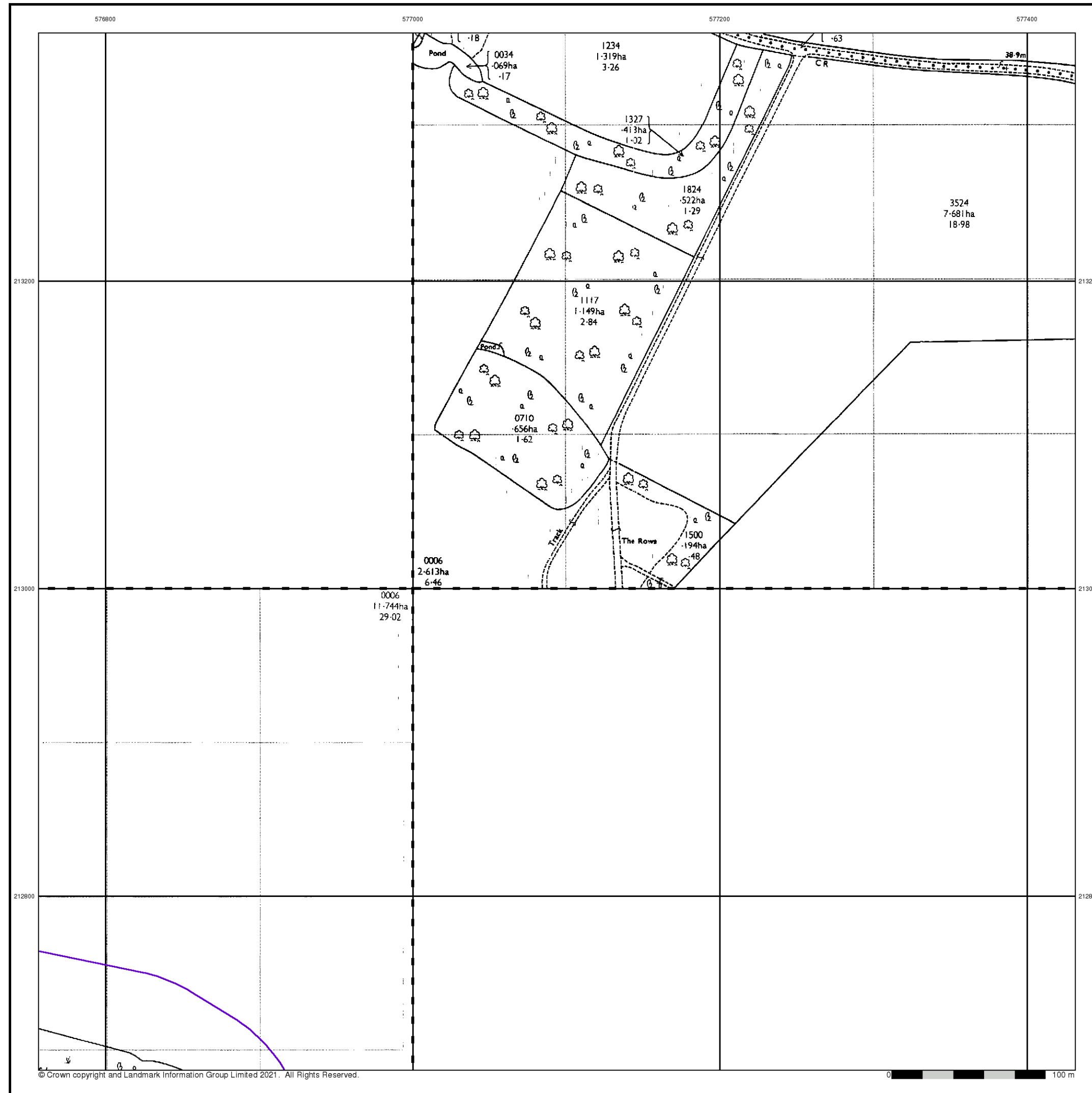


Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

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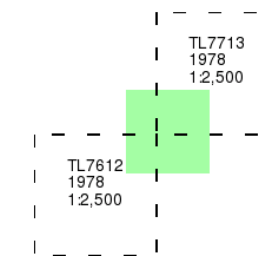
Ordnance Survey Plan

Published 1978

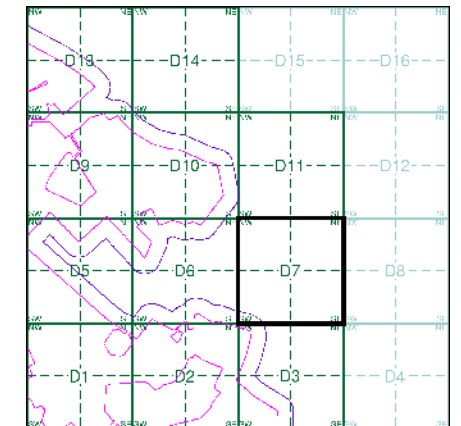
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D7

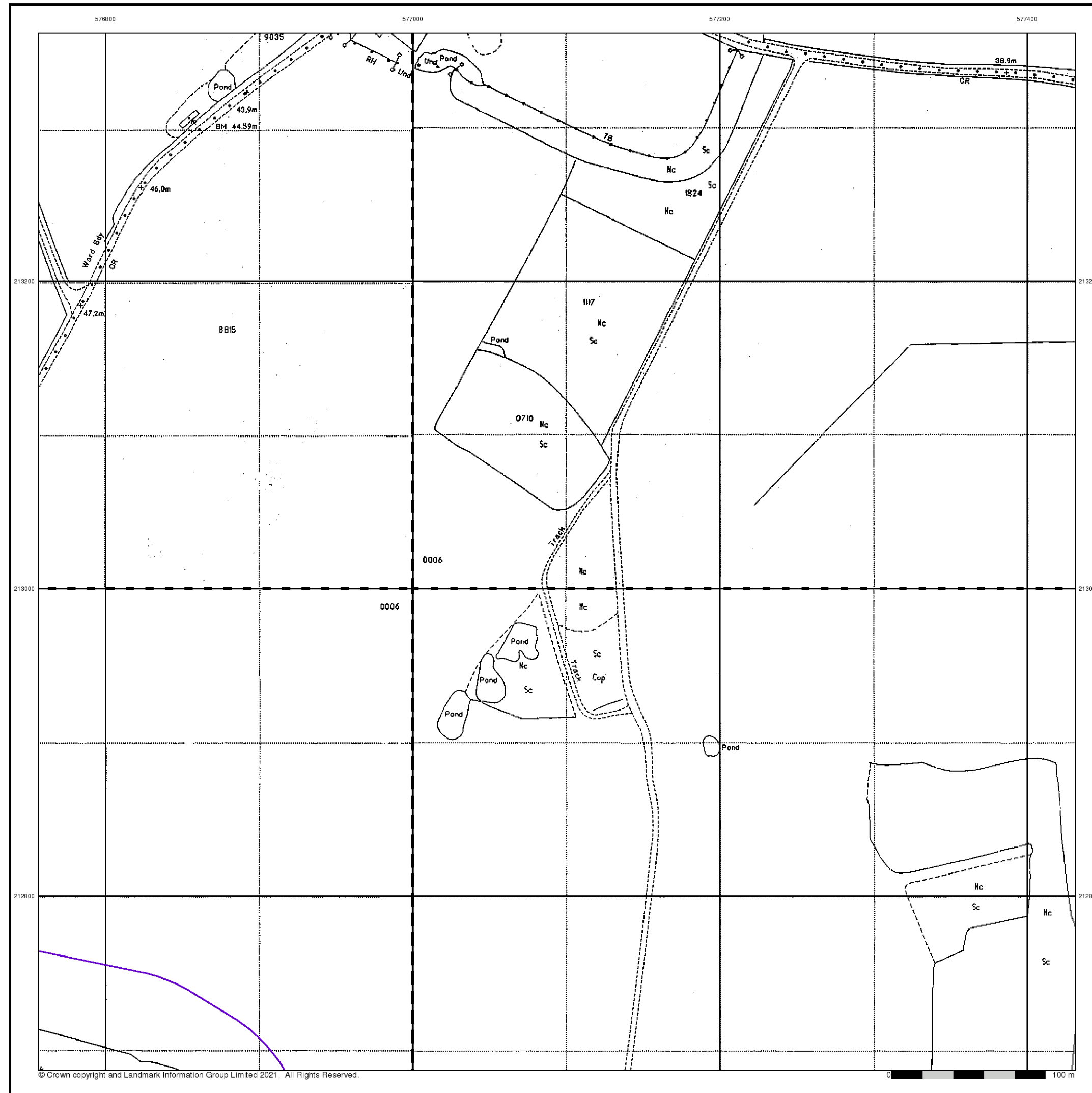


Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1993

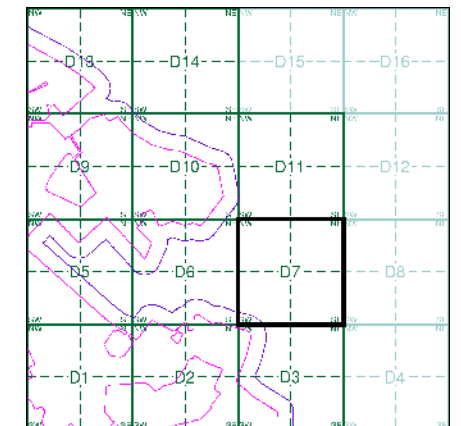
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL7613 1993 1:2,500	TL7713 1993 1:2,500
TL7612 1993 1:2,500	TL7712 1993 1:2,500

Historical Map - Segment D7



Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

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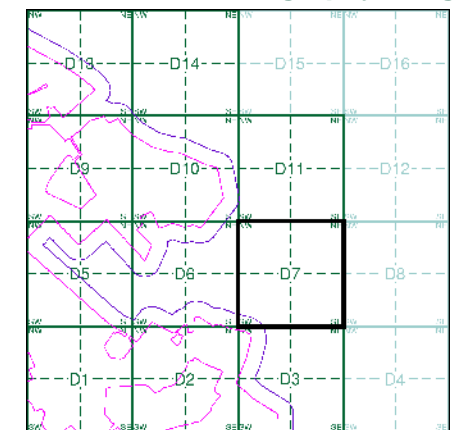
● LANDMARK INFORMATION GROUP®

Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment D7



Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

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213200

213200

213000

213000

212800

212800



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS 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

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
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
EI 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

Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
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
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI 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 Governor **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

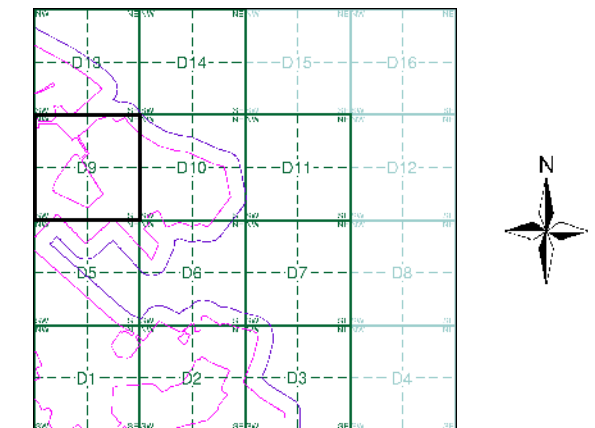
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:2,500	1874 - 1877	2
Essex	1:2,500	1897	3
Essex	1:2,500	1922	4
Ordnance Survey Plan	1:2,500	1952 - 1953	5
Additional SIMs	1:2,500	1952 - 1953	6
Ordnance Survey Plan	1:2,500	1967 - 1978	7
Ordnance Survey Plan	1:2,500	1978	8
Large-Scale National Grid Data	1:2,500	1993	9
Historical Aerial Photography	1:2,500	1999	10

Historical Map - Segment D9



Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

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Essex

Published 1874 - 1877

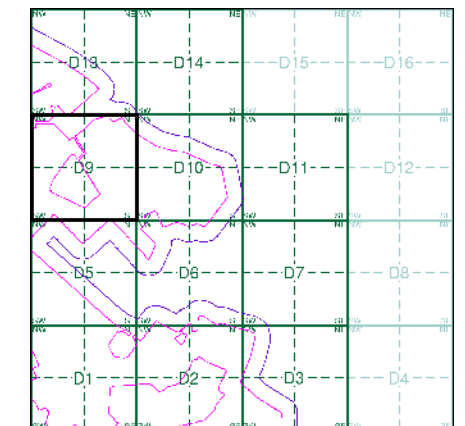
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

044_02
1874
1:2,500
044_06
1877
1:2,500

Historical Map - Segment D9

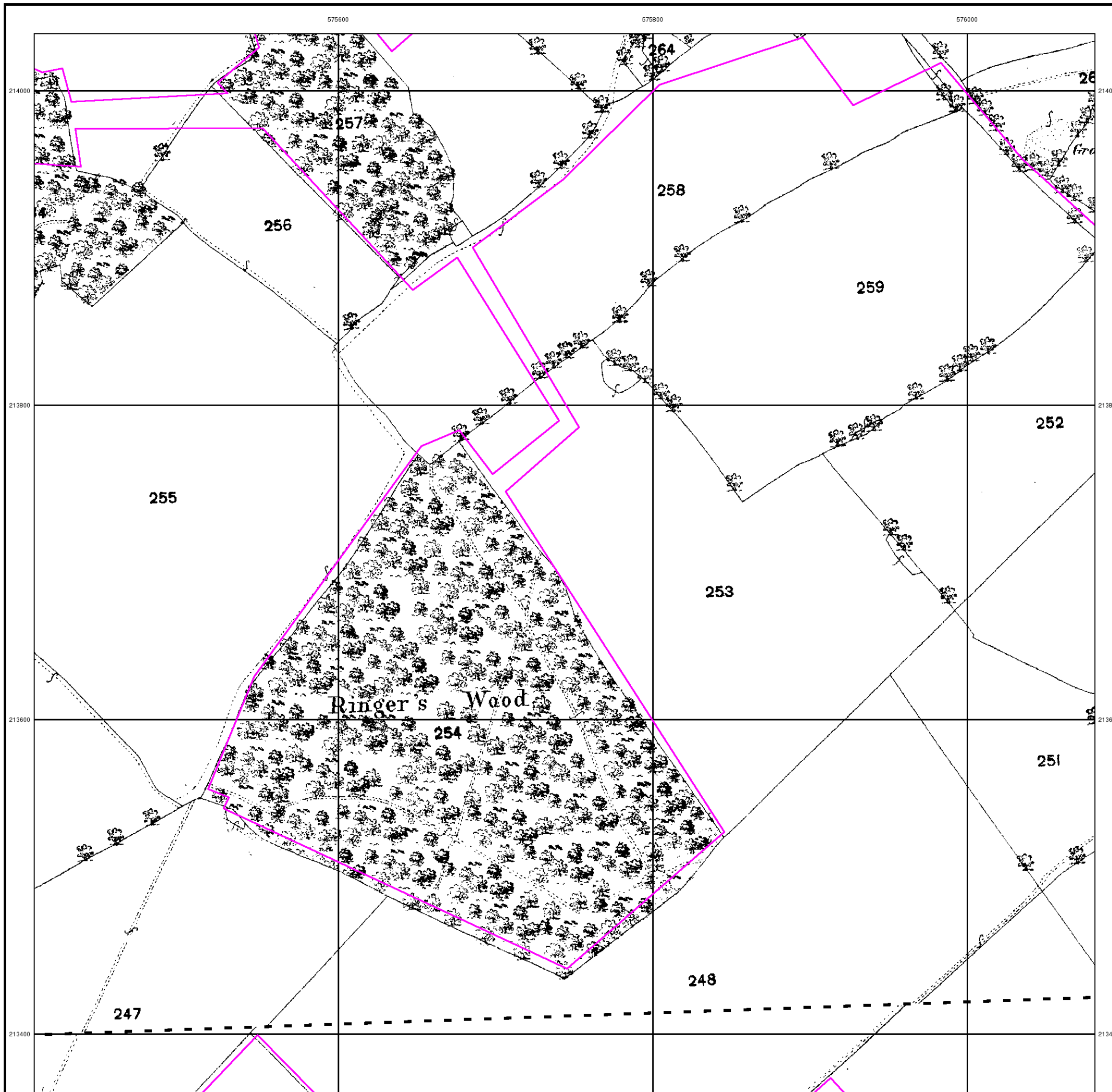


Order Details

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Site Details

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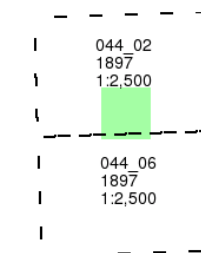
Essex

Published 1897

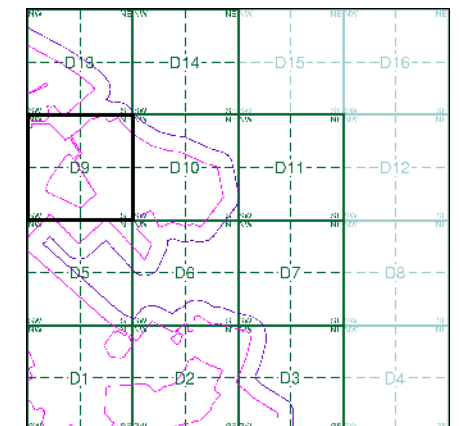
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D9

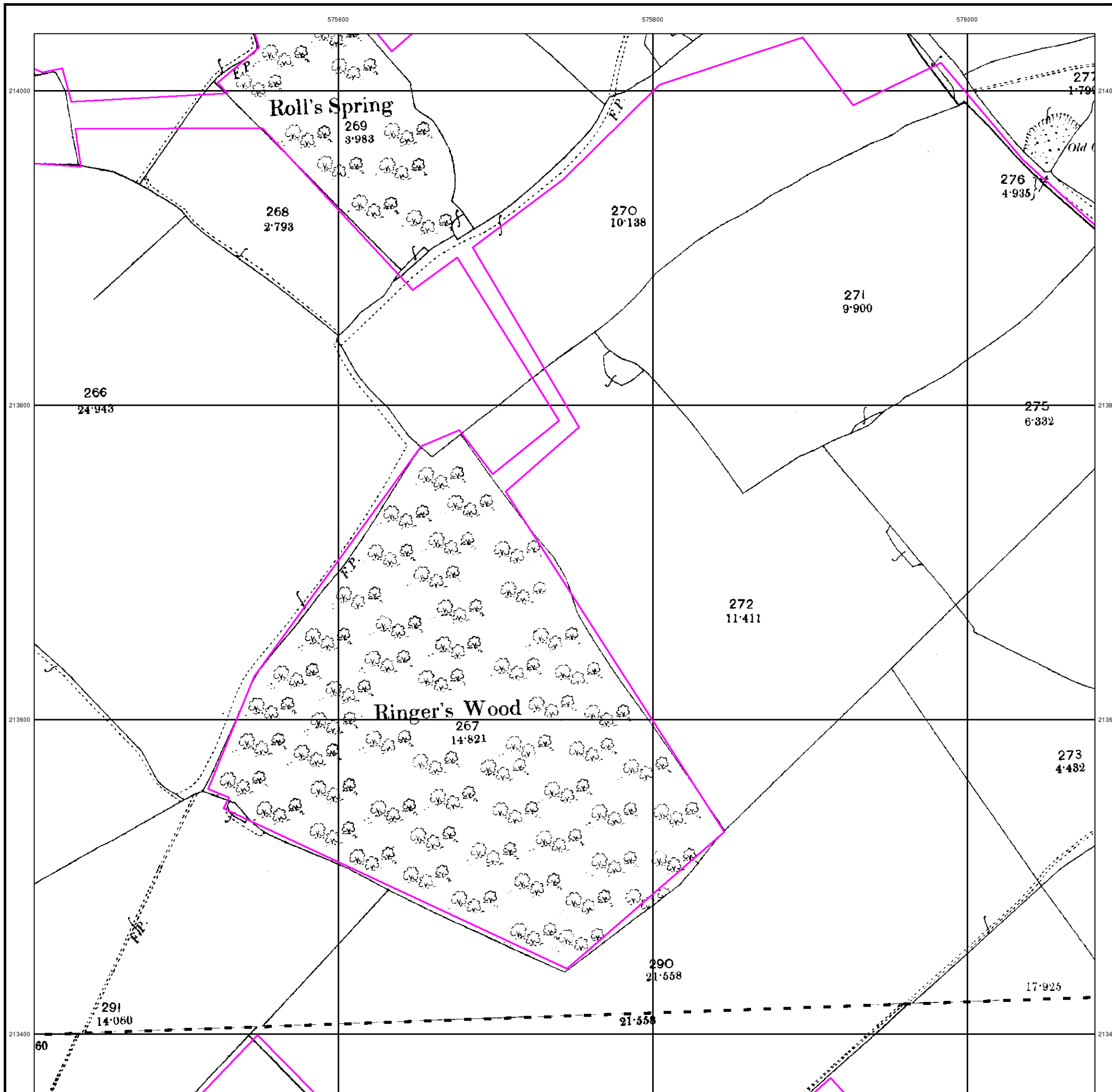


Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
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 Search Buffer (m): 100

Site Details

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Essex

Published 1922

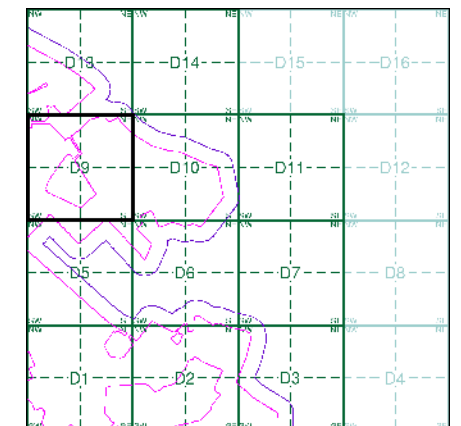
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

045_09	1922	1:2,500
045_13	1922	1:2,500

Historical Map - Segment D9

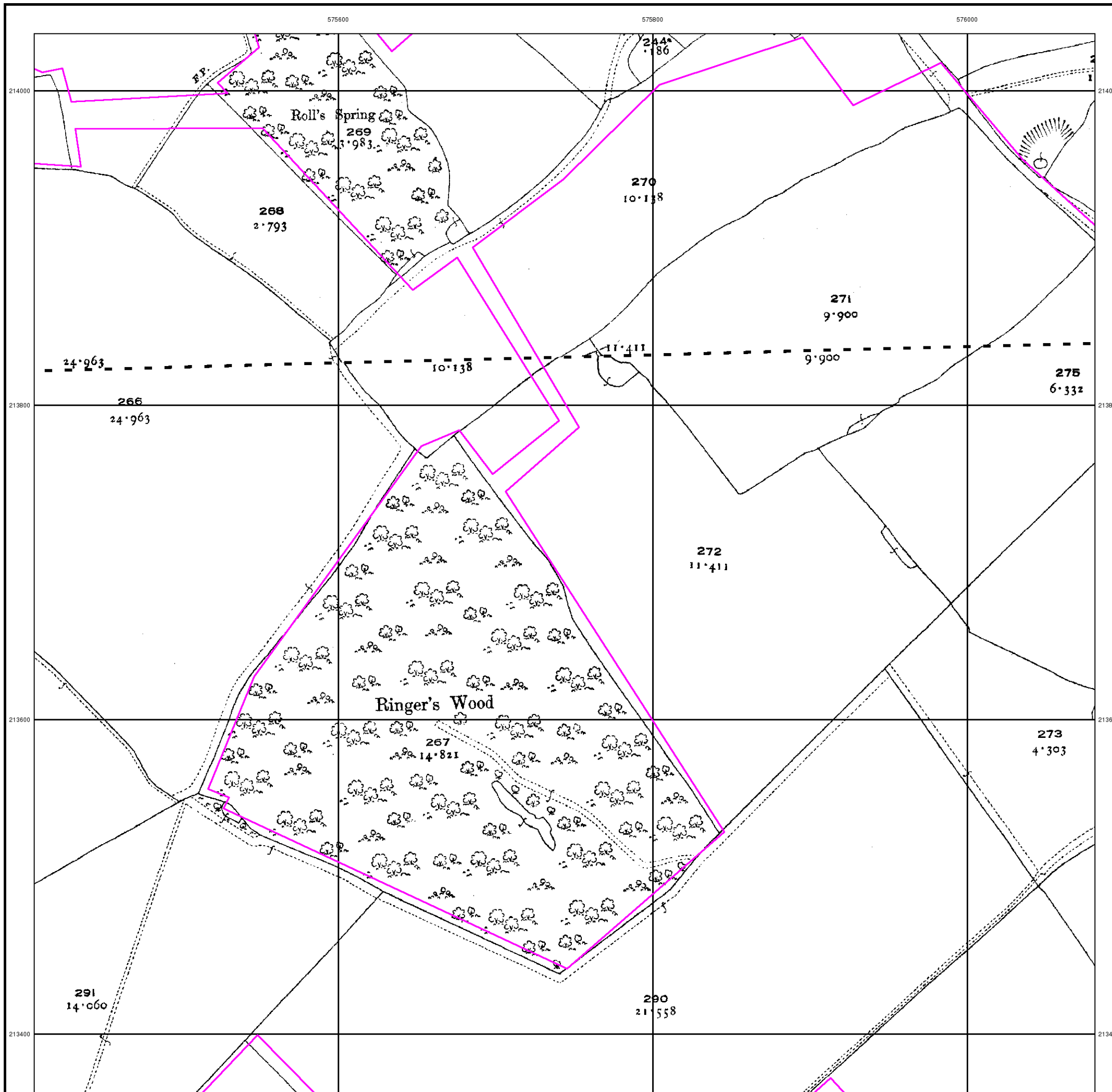


Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
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Site Details

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Ordnance Survey Plan

Published 1952 - 1953

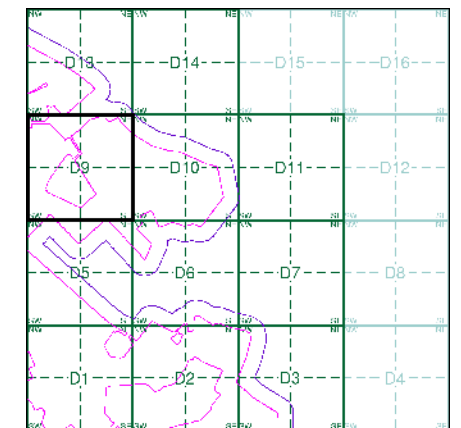
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL7514 1952 1:2,500	TL7614 1953 1:2,500
TL7513 1952 1:2,500	TL7613 1953 1:2,500

Historical Map - Segment D9

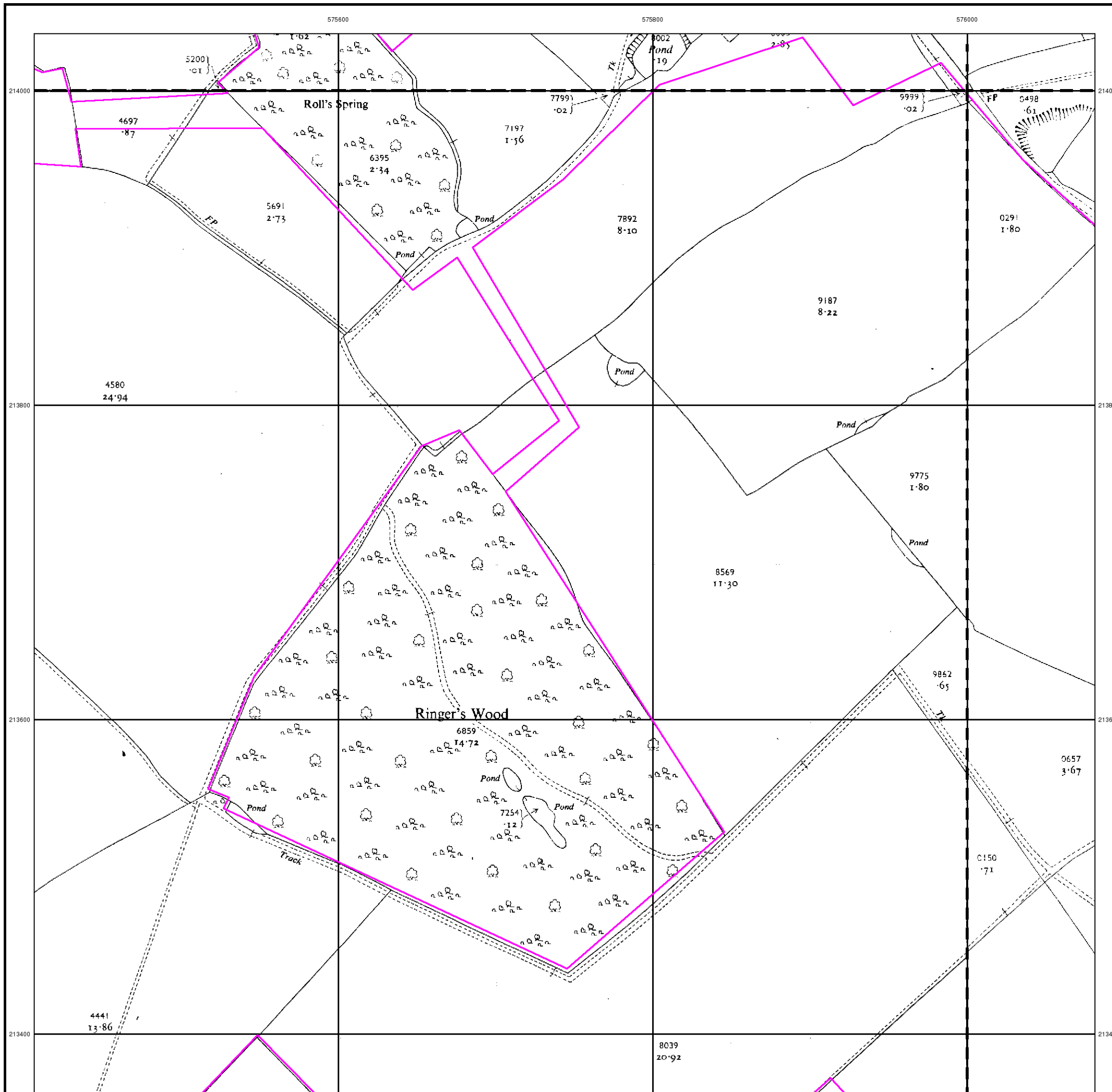


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 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
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 Site Area (Ha): 473.19
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Additional SIMs

Published 1952 - 1953

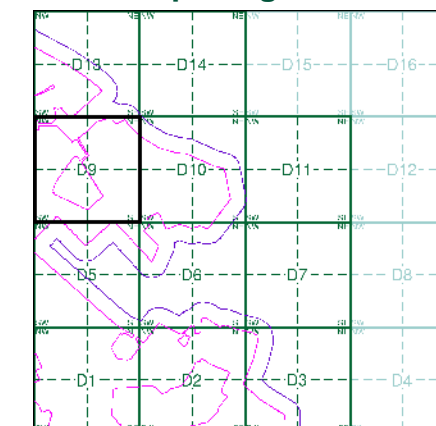
Source map scale - 1:2,500

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 Name(s) and Date(s)

TL7514 1952 1:2,500	TL7613 1953 1:2,500
---------------------------	---------------------------

Historical Map - Segment D9

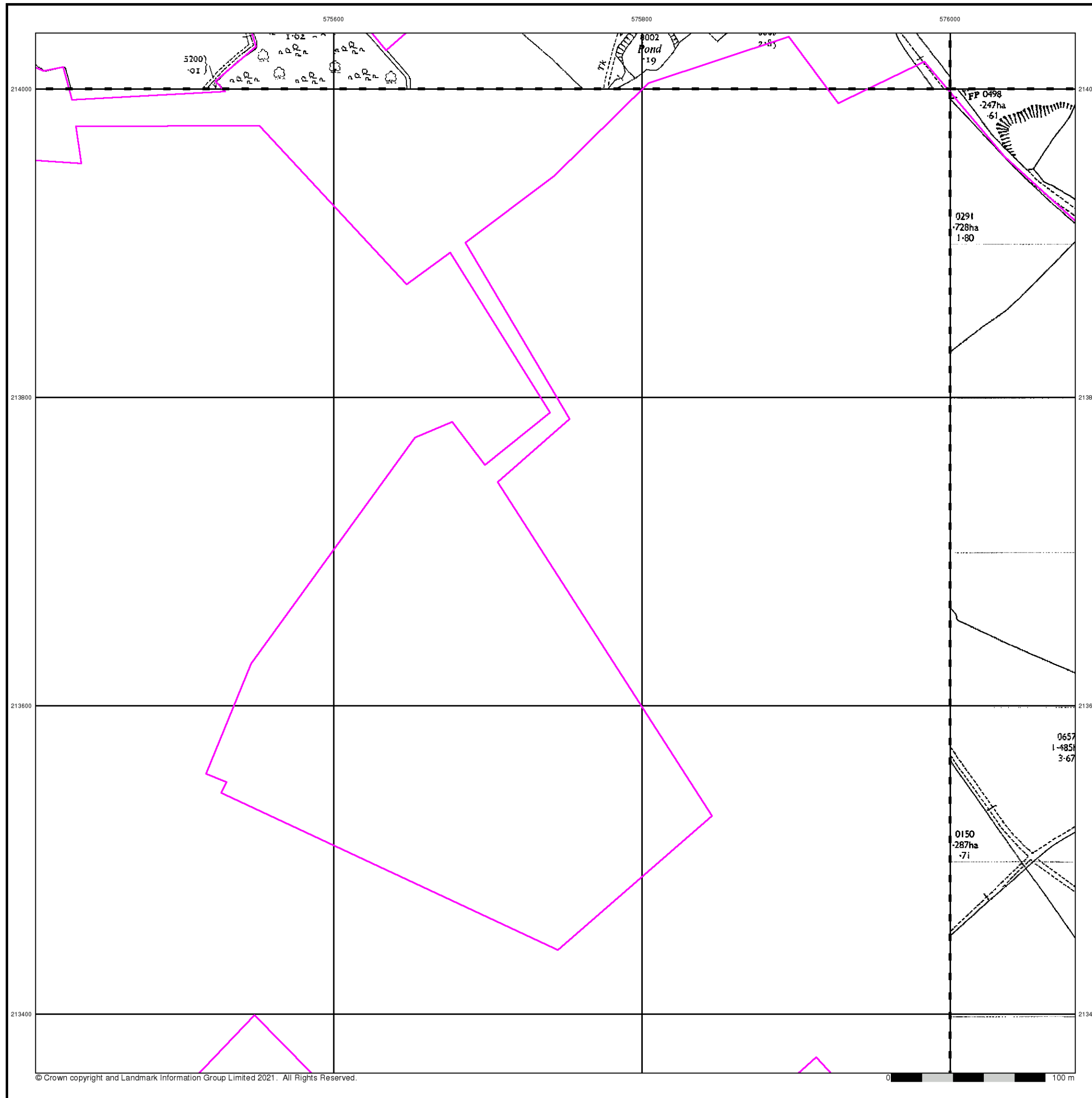


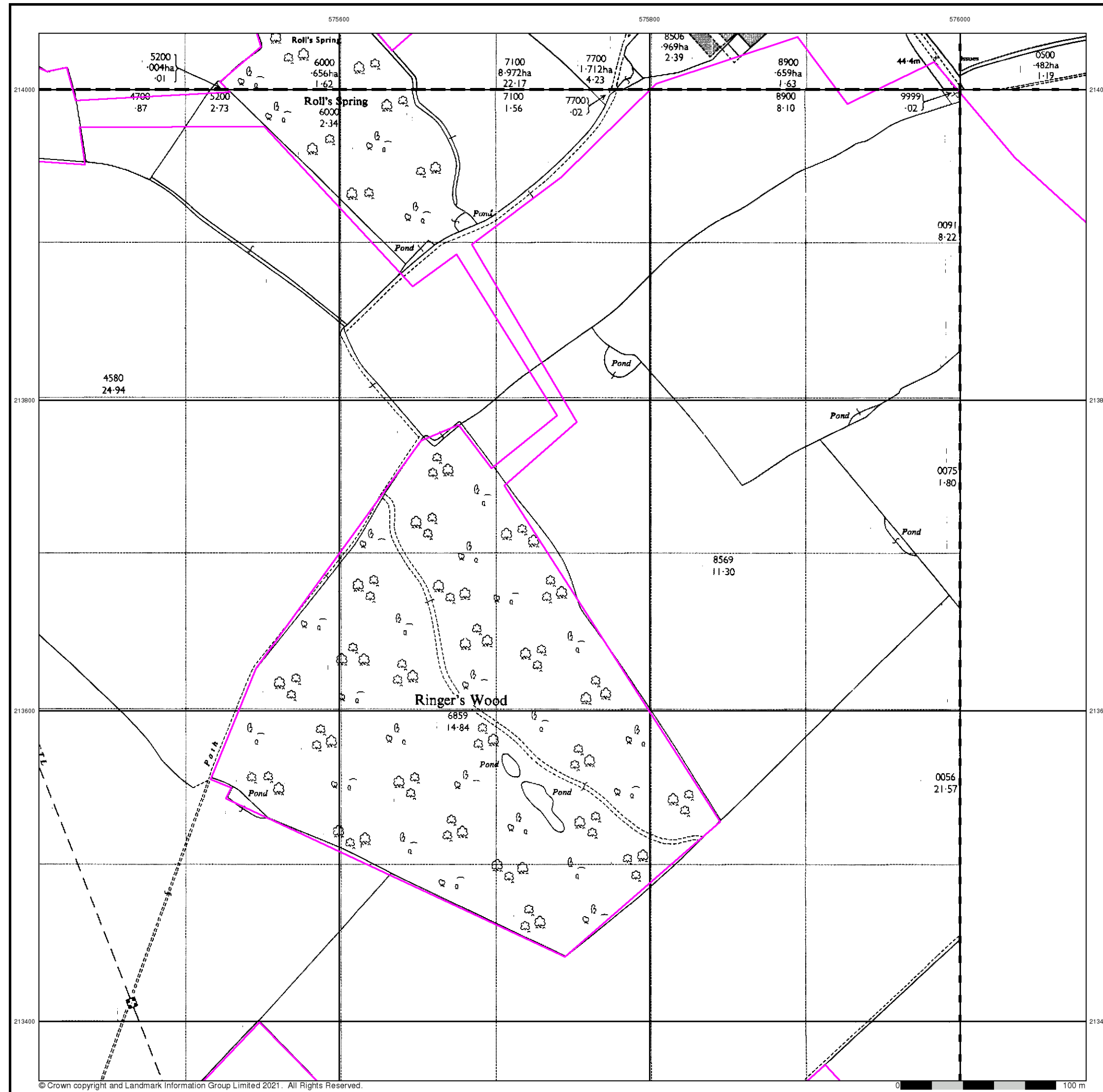
Order Details

Order Number: 274546457_1_1
Customer Ref: 60640215
National Grid Reference: 576270, 213190
Slice: D
Site Area (Ha): 473.19
Search Buffer (m): 100

Site Details

Longfield





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Ordnance Survey Plan

Published 1967 - 1978

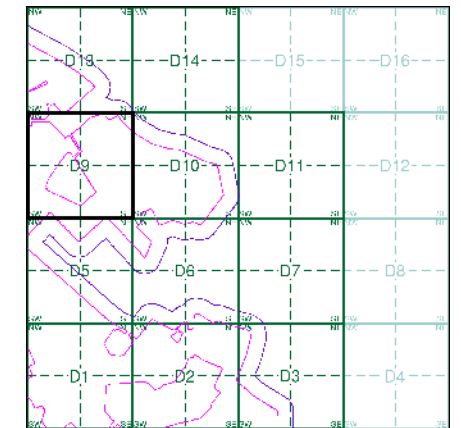
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL7514 1972 1:2,500	TL7614 1978 1:2,500
TL7513 1967 1:2,500	

Historical Map - Segment D9



Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

Longfield

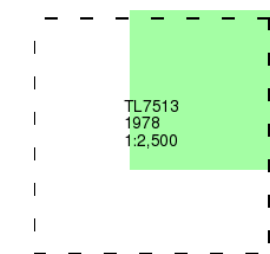
Ordnance Survey Plan

Published 1978

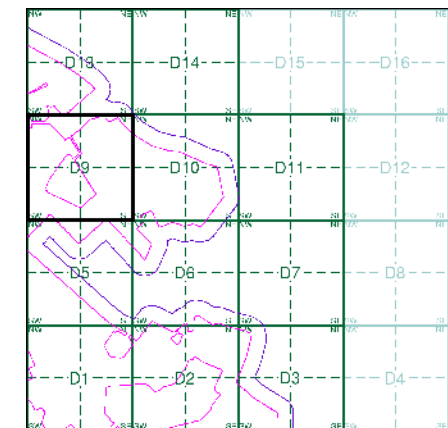
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D9

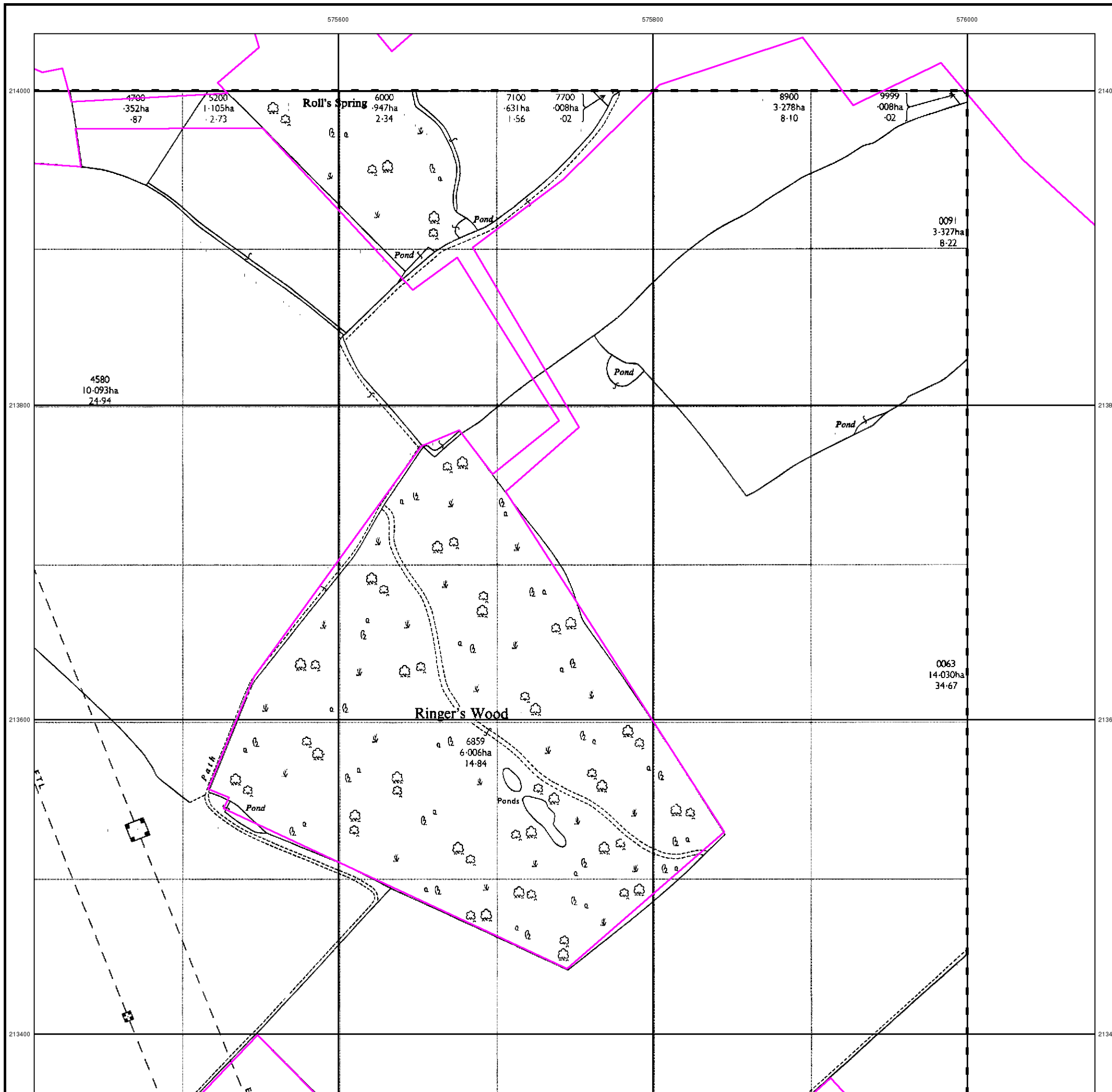


Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

Longfield



Large-Scale National Grid Data

Published 1993

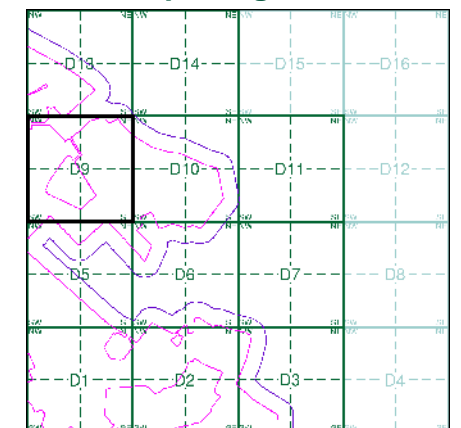
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL7514 1993 12,500	TL7614 1993 12,500
TL7513 1993 12,500	TL7613 1993 12,500

Historical Map - Segment D9

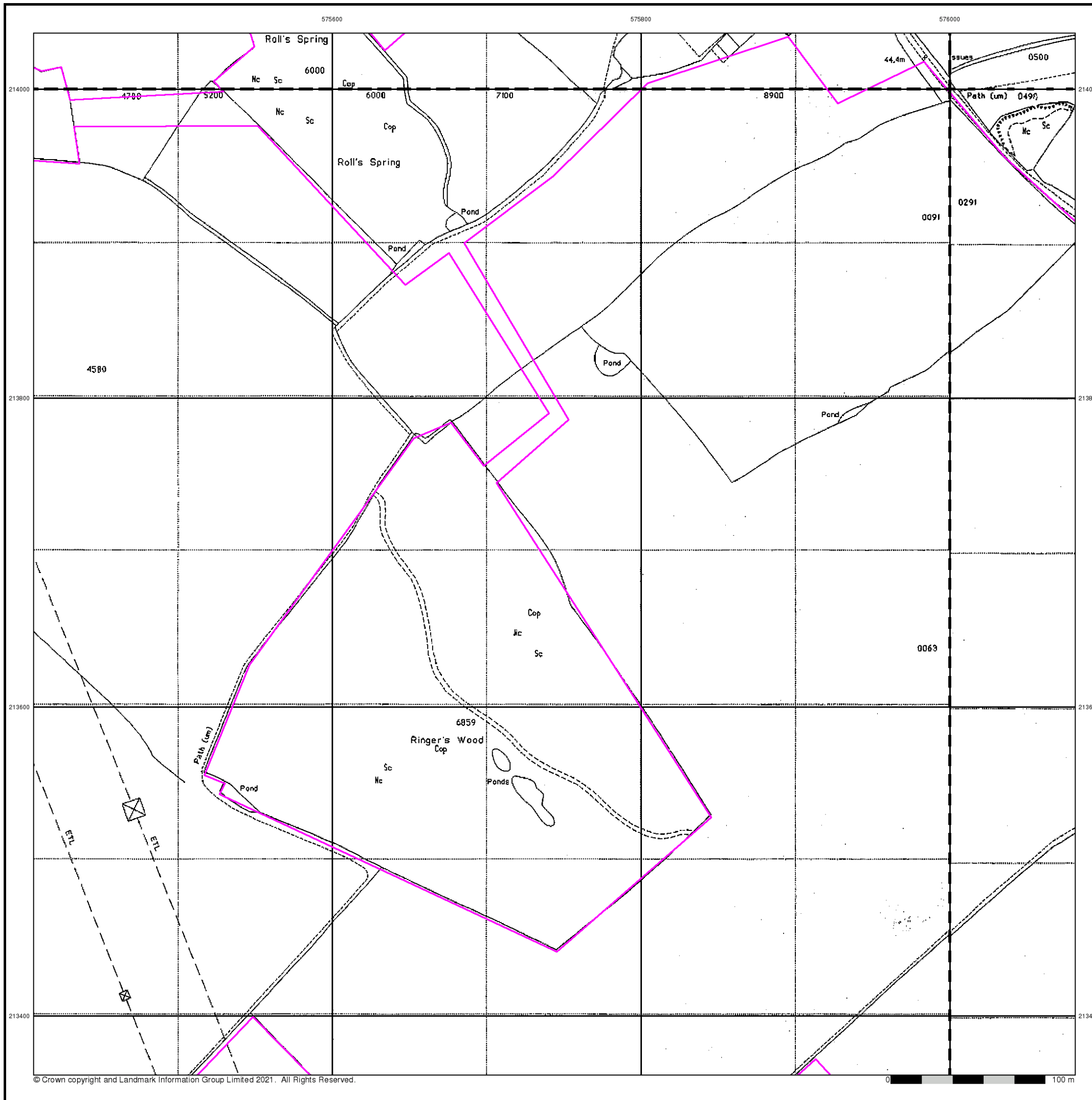


Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

Longfield

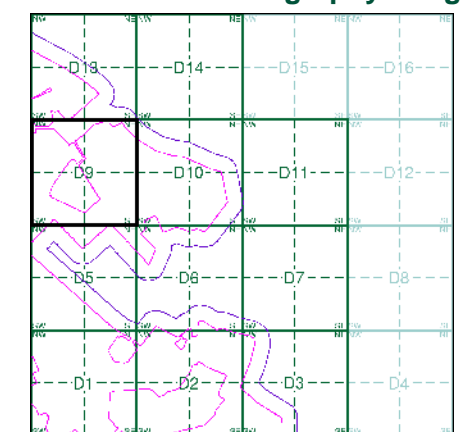


Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment D9



Order Details

Order Number: 274546457_1_1
Customer Ref: 60640215
National Grid Reference: 576270, 213190
Slice: D
Site Area (Ha): 473.19
Search Buffer (m): 100

Site Details

Longfield



Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**

Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**

Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**

Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**

Cutting **Embankment**

Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**

County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. 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

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**

Cliff **Slopes** **Top**

Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**

Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**

Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**

Rough Grassland **Heath** **Culvert**

Direction of water flow **Triangulation Station** **Antiquity (site of)**
Roofed Building **Glazed Roof Building**

Electricity Transmission Line **Electricity Pylon**

Electricity Pylon **Buildings with Building Seed**

Roofed Building **Glazed Roof Building**

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)

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
EI 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

Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**

Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**

Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**

Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**

Rough Grassland **Heath** **Culvert**

Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**

BM 231.60m **Bench Mark** **Buildings with Building Seed**

Roofed Building **Glazed Roof Building**

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
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station

EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI 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 Governor **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

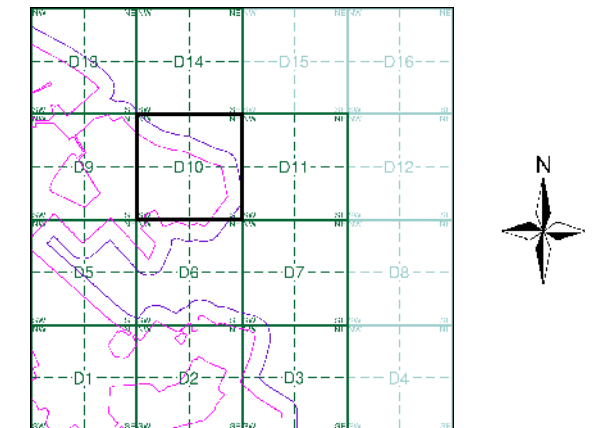
Envirocheck

LANDMARK INFORMATION GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:2,500	1874 - 1877	2
Essex	1:2,500	1897	3
Essex	1:2,500	1922	4
Ordnance Survey Plan	1:2,500	1953	5
Additional SIMs	1:2,500	1953	6
Ordnance Survey Plan	1:2,500	1978	7
Large-Scale National Grid Data	1:2,500	1993	8
Historical Aerial Photography	1:2,500	1999	9

Historical Map - Segment D10



Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

Longfield

Landmark
 INFORMATION GROUP

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

Essex

Published 1874 - 1877

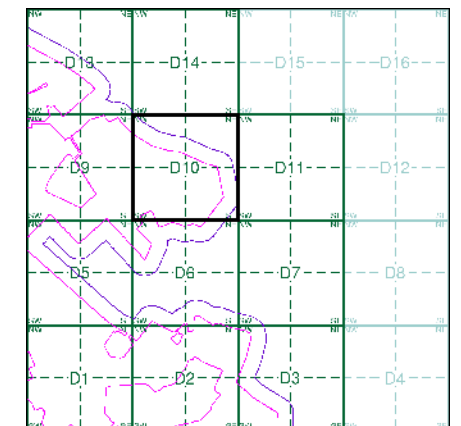
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

044_02
1874
1:2,500
044_06
1877
1:2,500

Historical Map - Segment D10

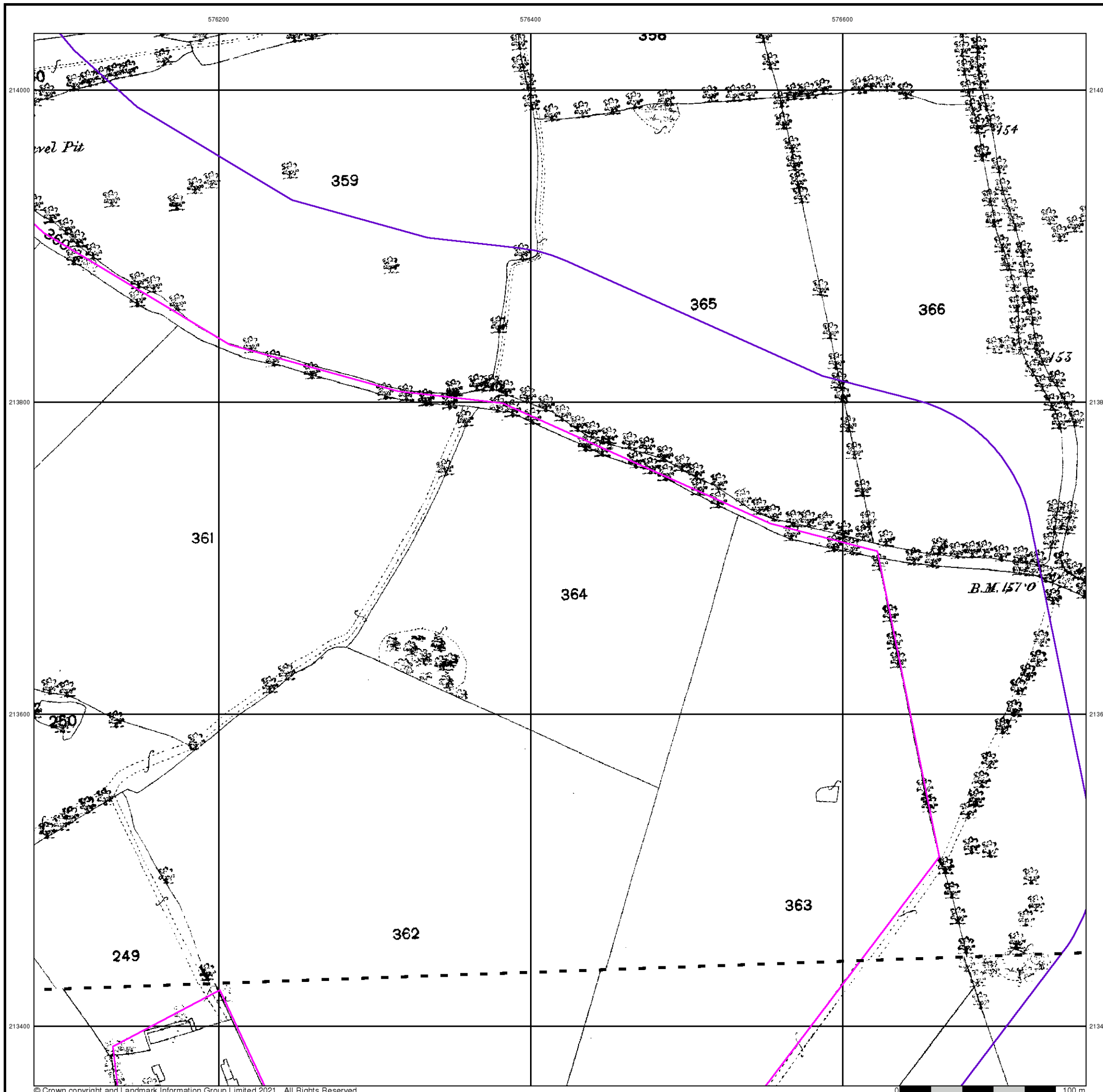


Order Details

Order Number: 274546457_1_1
Customer Ref: 60640215
National Grid Reference: 576270, 213190
Slice: D
Site Area (Ha): 473.19
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Site Details

Longfield



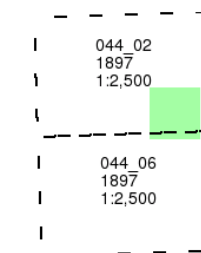
Essex

Published 1897

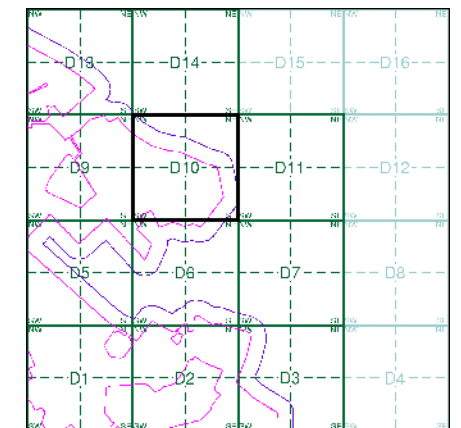
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D10



Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

Longfield



Essex

Published 1922

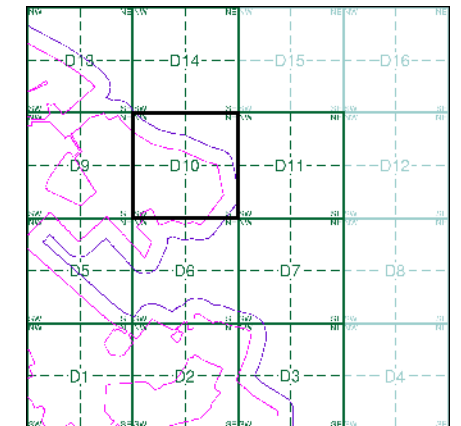
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

045_09
1922
1:2,500
045_13
1922
1:2,500

Historical Map - Segment D10

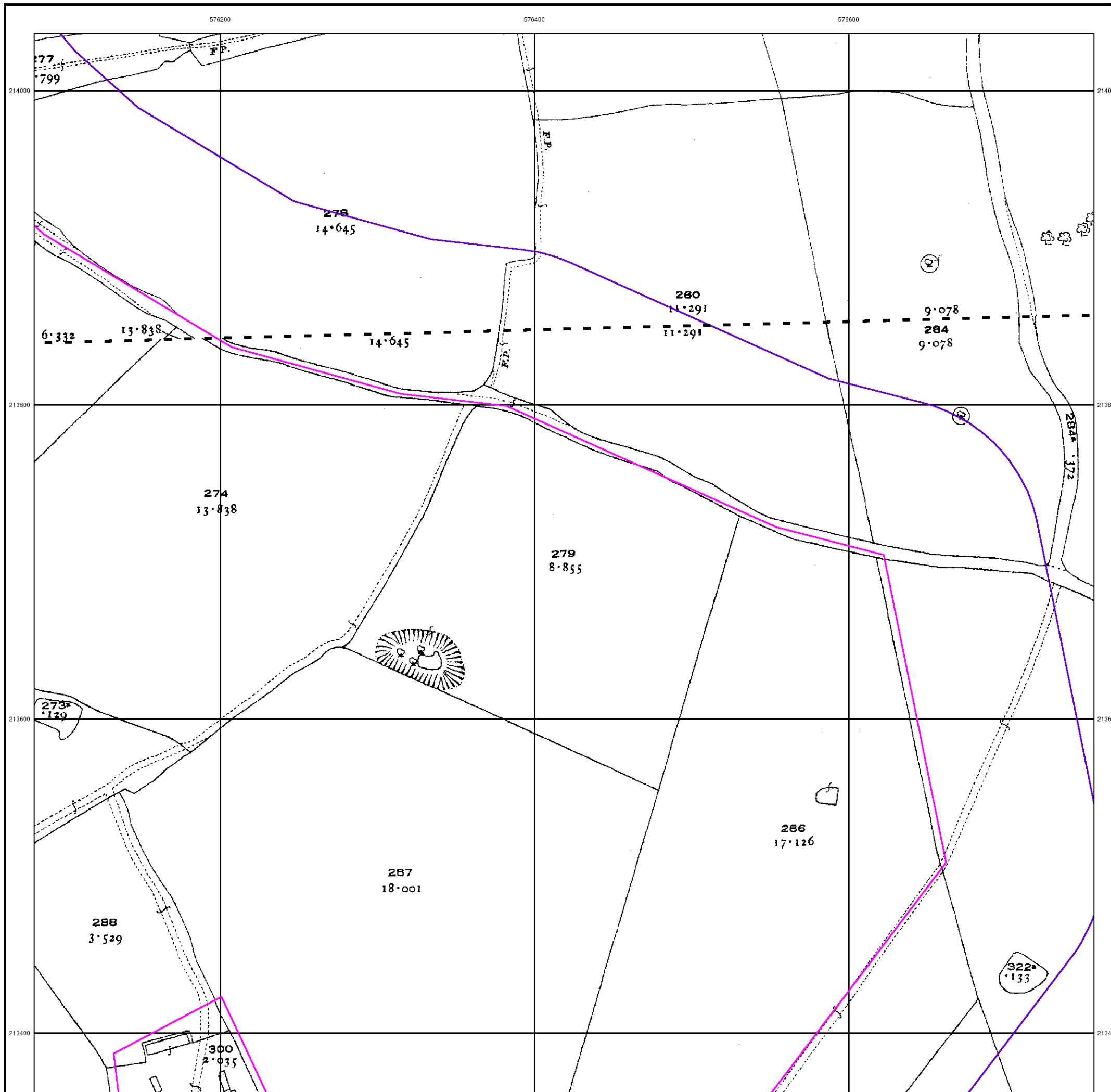


Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

Longfield



Ordnance Survey Plan

Published 1953

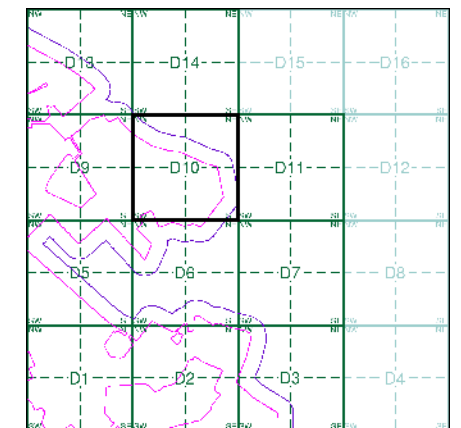
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL7614
1953
1:2,500
TL7613
1953
1:2,500

Historical Map - Segment D10

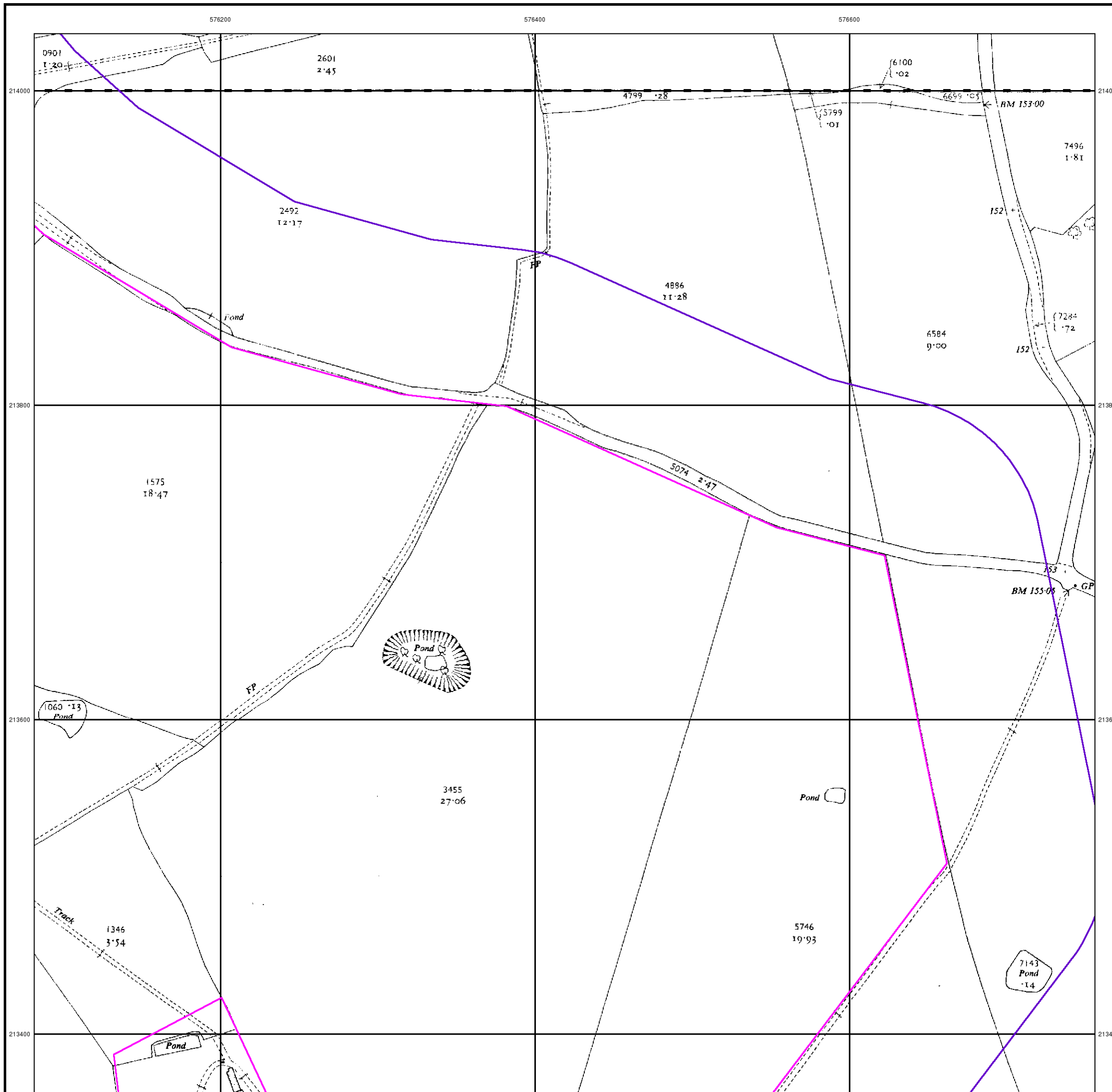


Order Details

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 Slice: D
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Site Details

Longfield



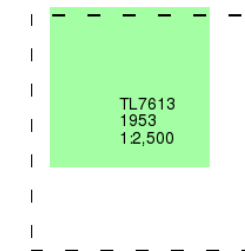
Additional SIMs

Published 1953

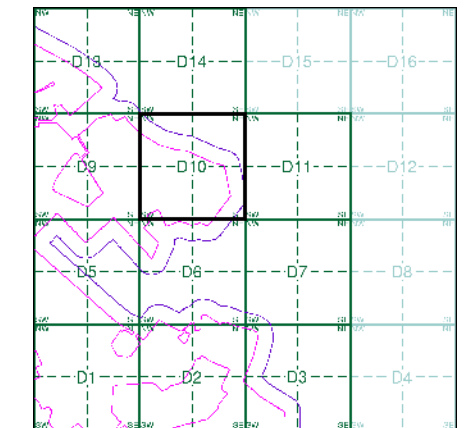
Source map scale - 1:2,500

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 Name(s) and Date(s)



Historical Map - Segment D10

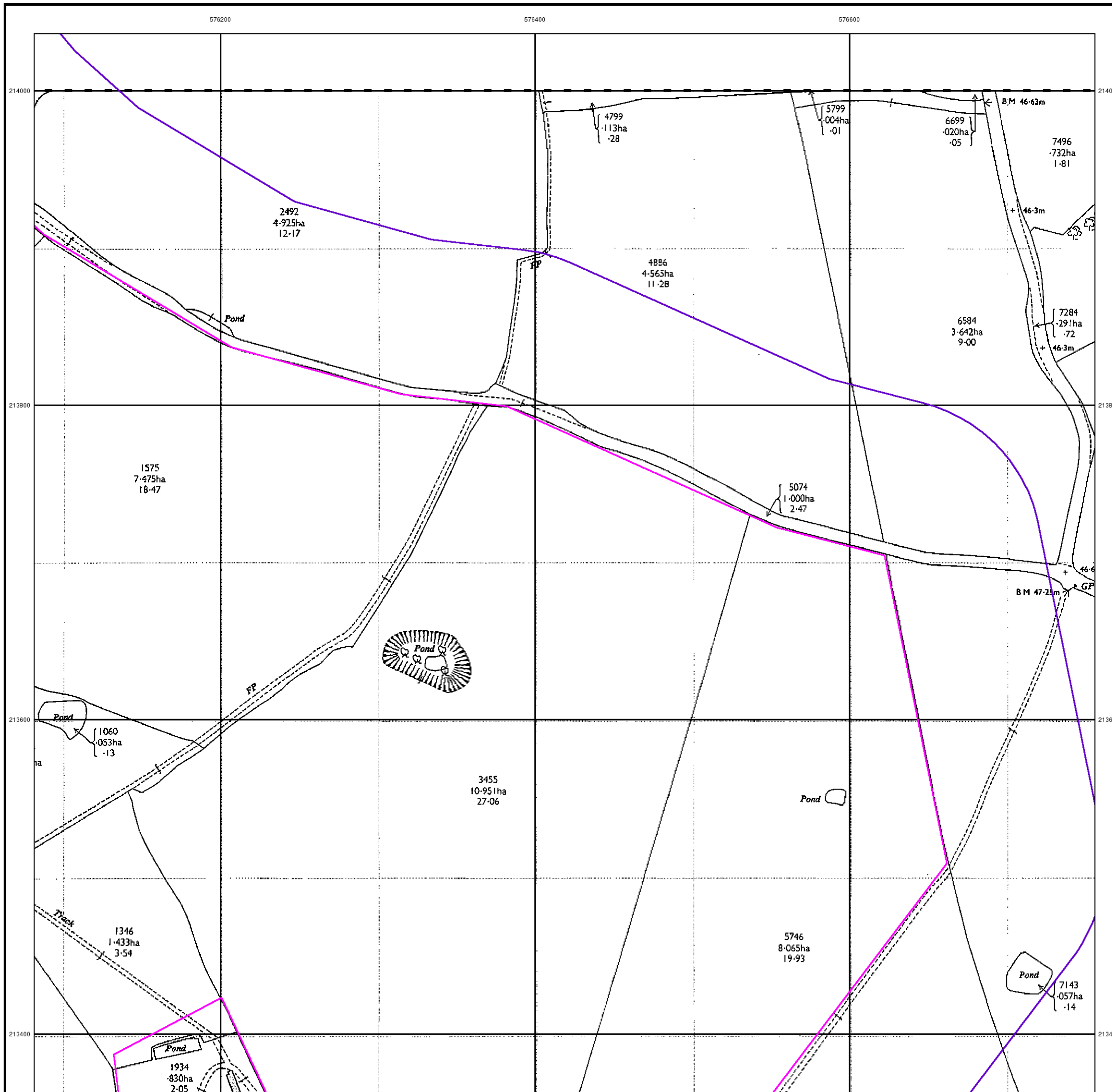


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Site Details

Longfield



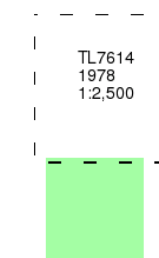
Ordnance Survey Plan

Published 1978

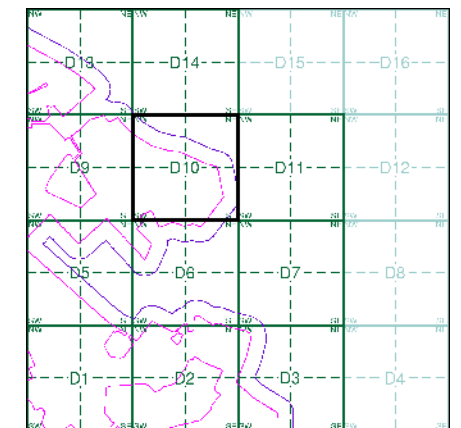
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D10

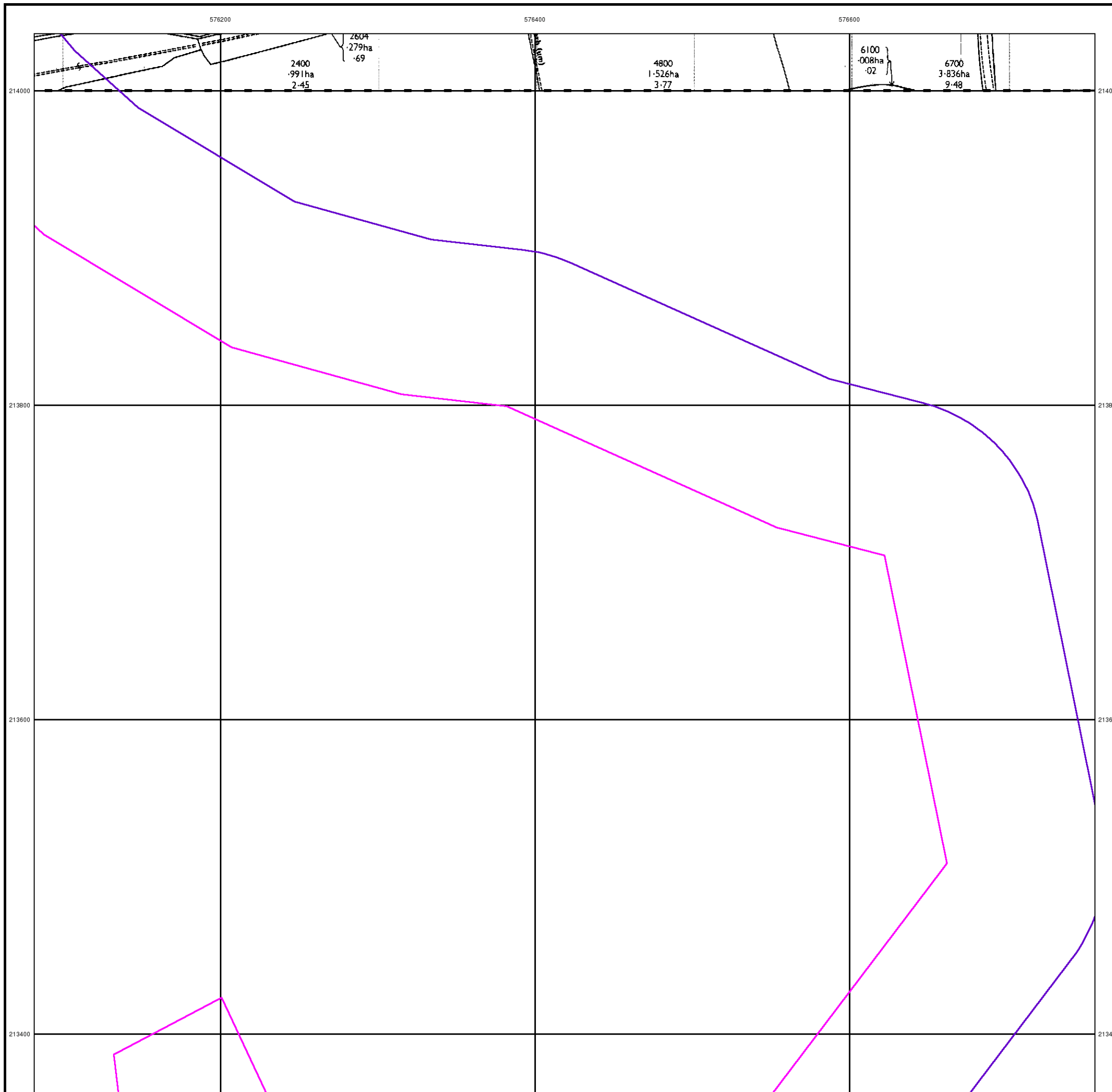


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Slice: D
Site Area (Ha): 473.19
Search Buffer (m): 100

Site Details

Longfield



Large-Scale National Grid Data

Published 1993

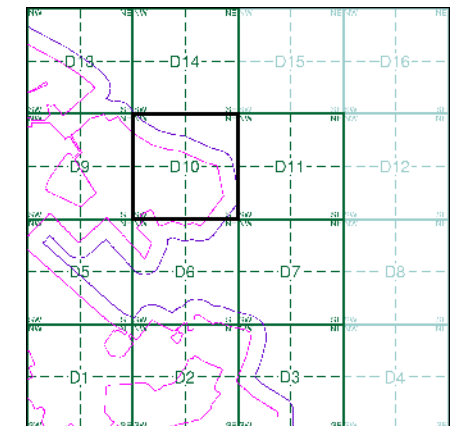
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL7614	1993	1:2,500
TL7613	1993	1:2,500

Historical Map - Segment D10

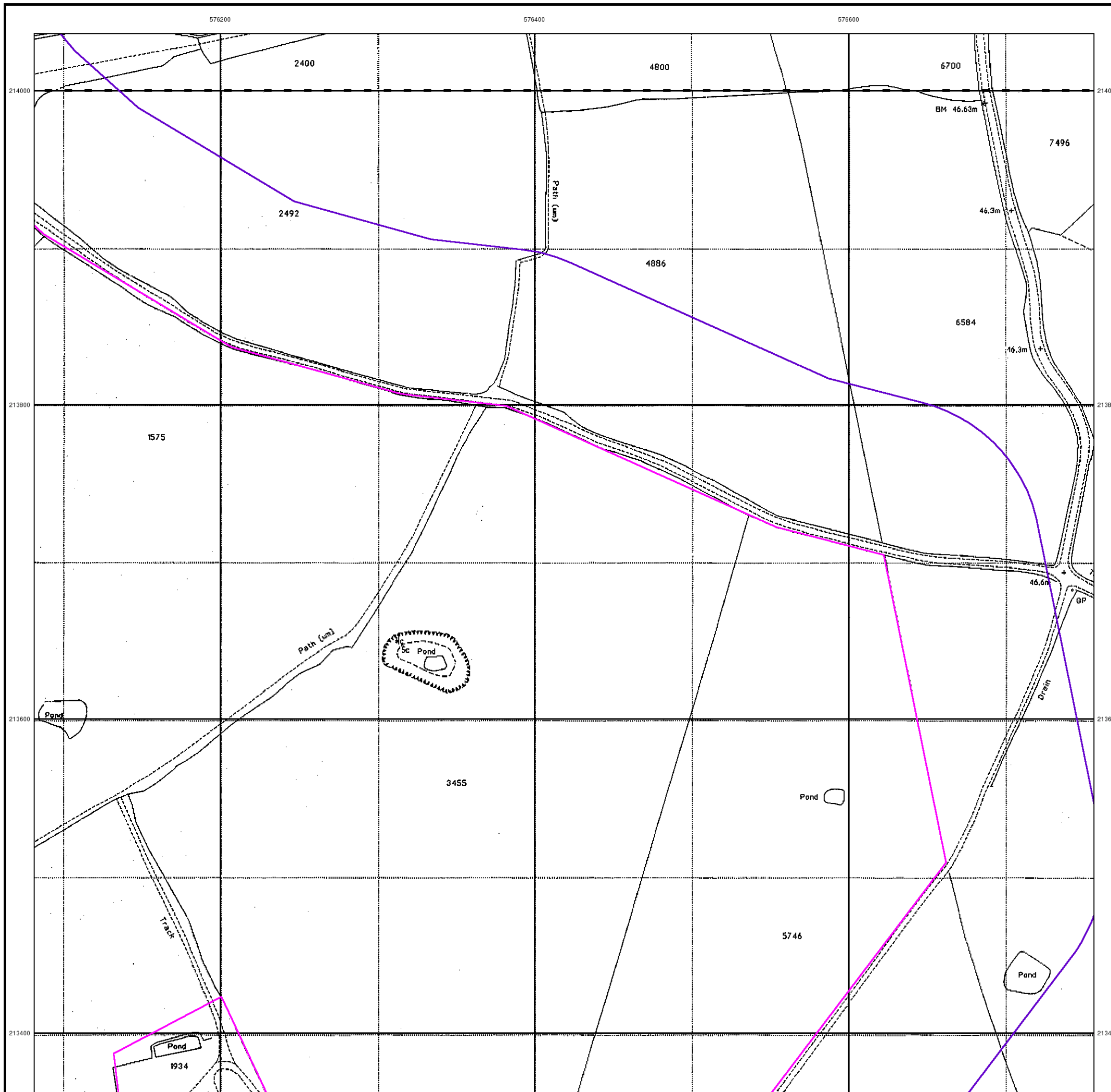


Order Details

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 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

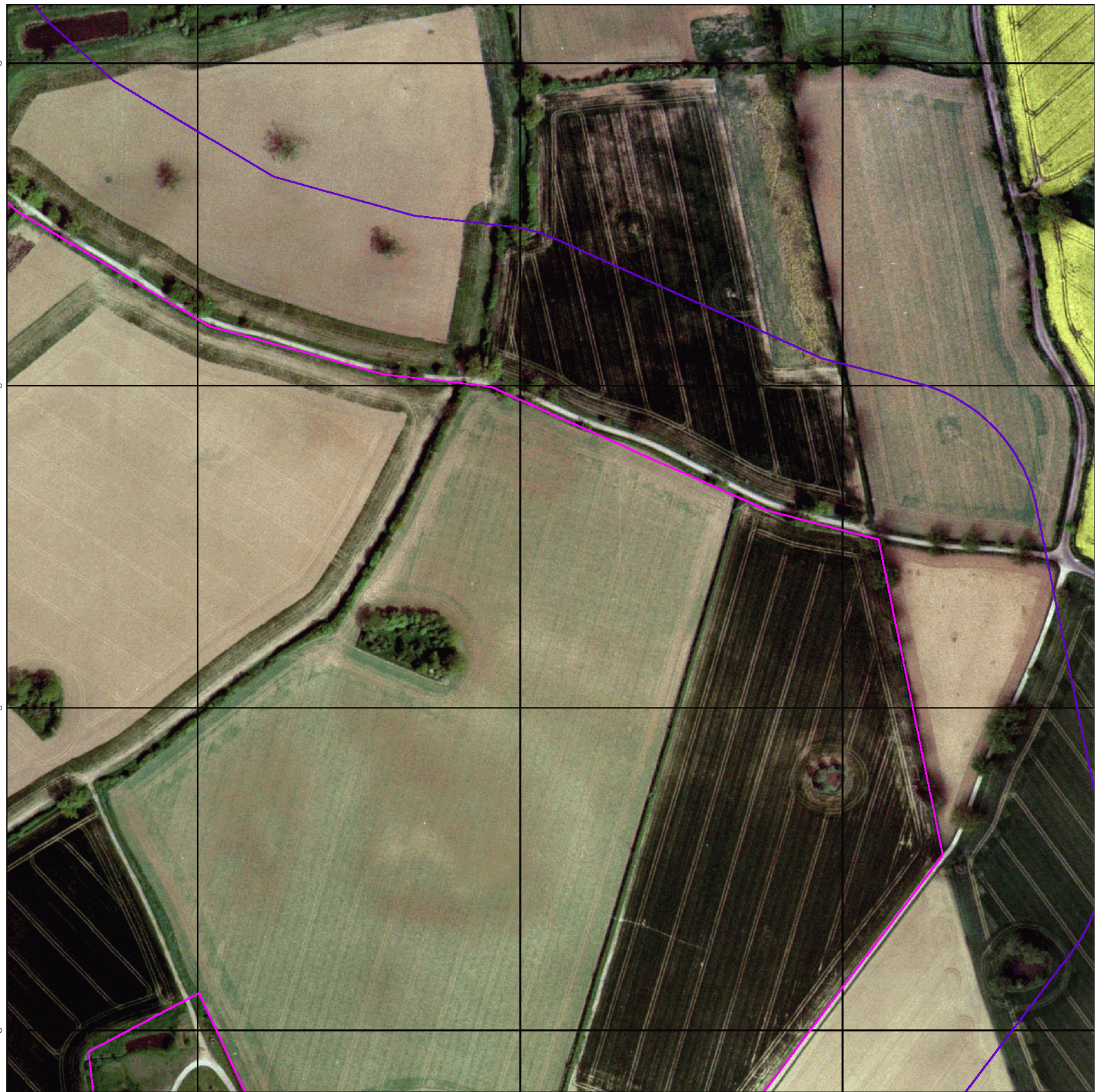
Site Details

Longfield



576200 576400 576600

214000 213800 213600 213400



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0 100 m

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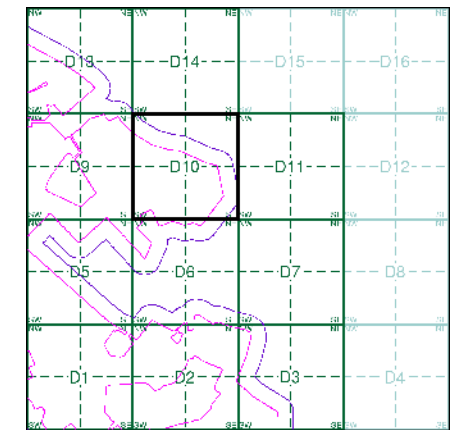
● LANDMARK INFORMATION GROUP[®]

Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment D10



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Site Details

Longfield

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

Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Boundary Post or Stone **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**

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
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**
EI 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**

Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m **Bench Mark** **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
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**
EI Gen Sta **Electricity Generating Station** **Sewage Ppg Sta** **Sewage Pumping Station**
EI P **Electricity Pole, Pillar** **SB, S Br** **Signal Box or Bridge**
EI 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 Governor** **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**

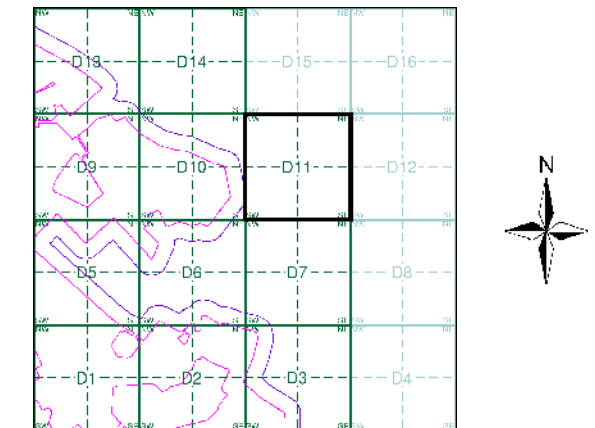
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:2,500	1874 - 1877	2
Essex	1:2,500	1897	3
Essex	1:2,500	1922	4
Ordnance Survey Plan	1:2,500	1953	5
Additional SIMs	1:2,500	1953 - 1987	6
Ordnance Survey Plan	1:2,500	1978	7
Large-Scale National Grid Data	1:2,500	1993	8
Historical Aerial Photography	1:2,500	1999	9

Historical Map - Segment D11



Order Details

Order Number: 274546457_1_1
Customer Ref: 60640215
National Grid Reference: 576270, 213190
Slice: D
Site Area (Ha): 473.19
Search Buffer (m): 100

Site Details

Longfield

Landmark
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Essex

Published 1874 - 1877

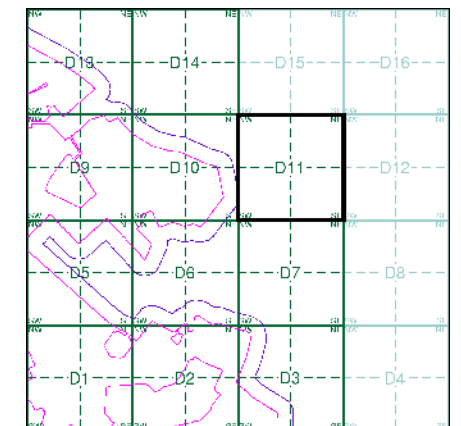
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

044_02 1874 1:2,500	044_03 1874 1:2,500
044_06 1877 1:2,500	044_07 1874 1:2,500

Historical Map - Segment D11

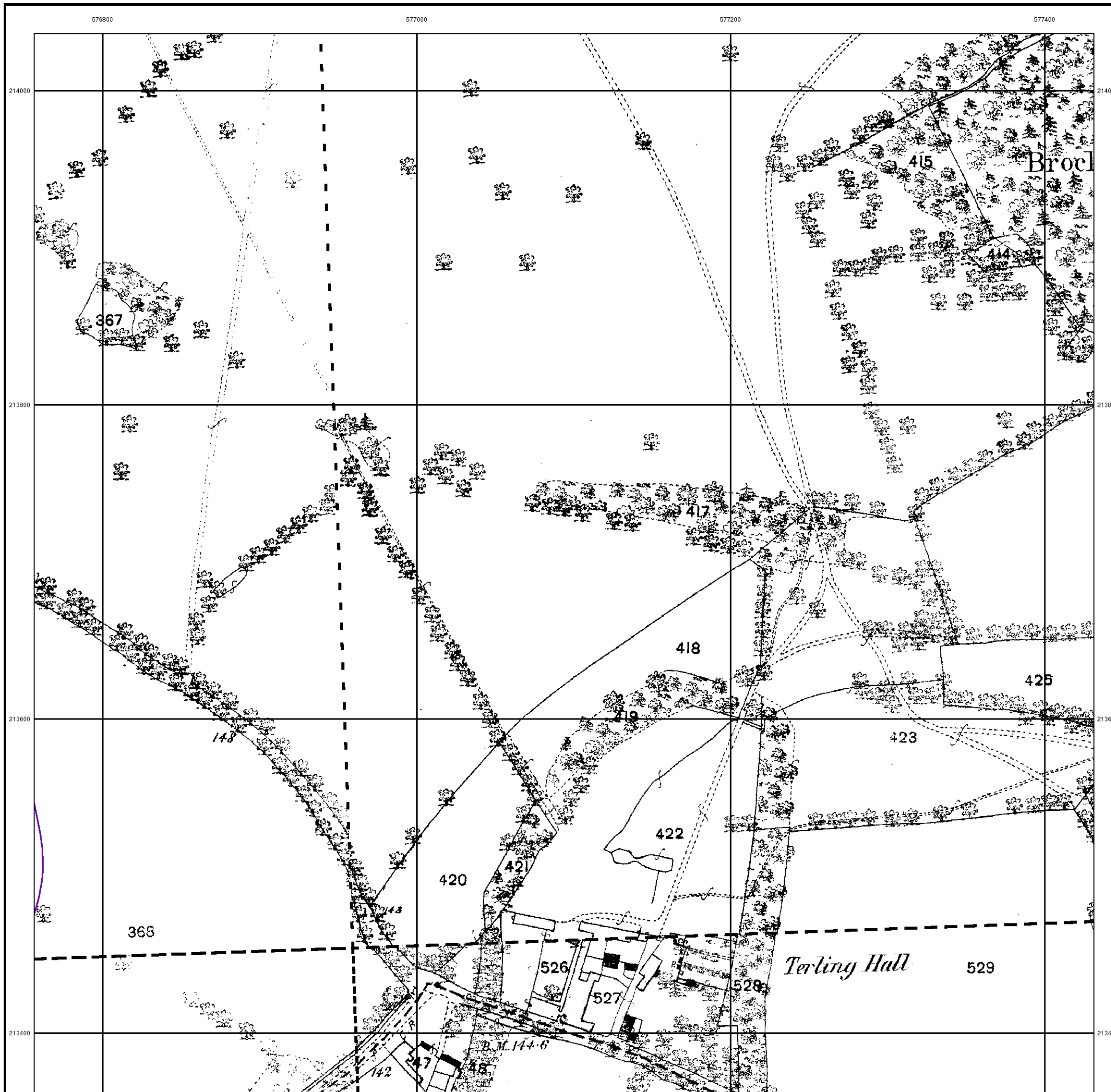


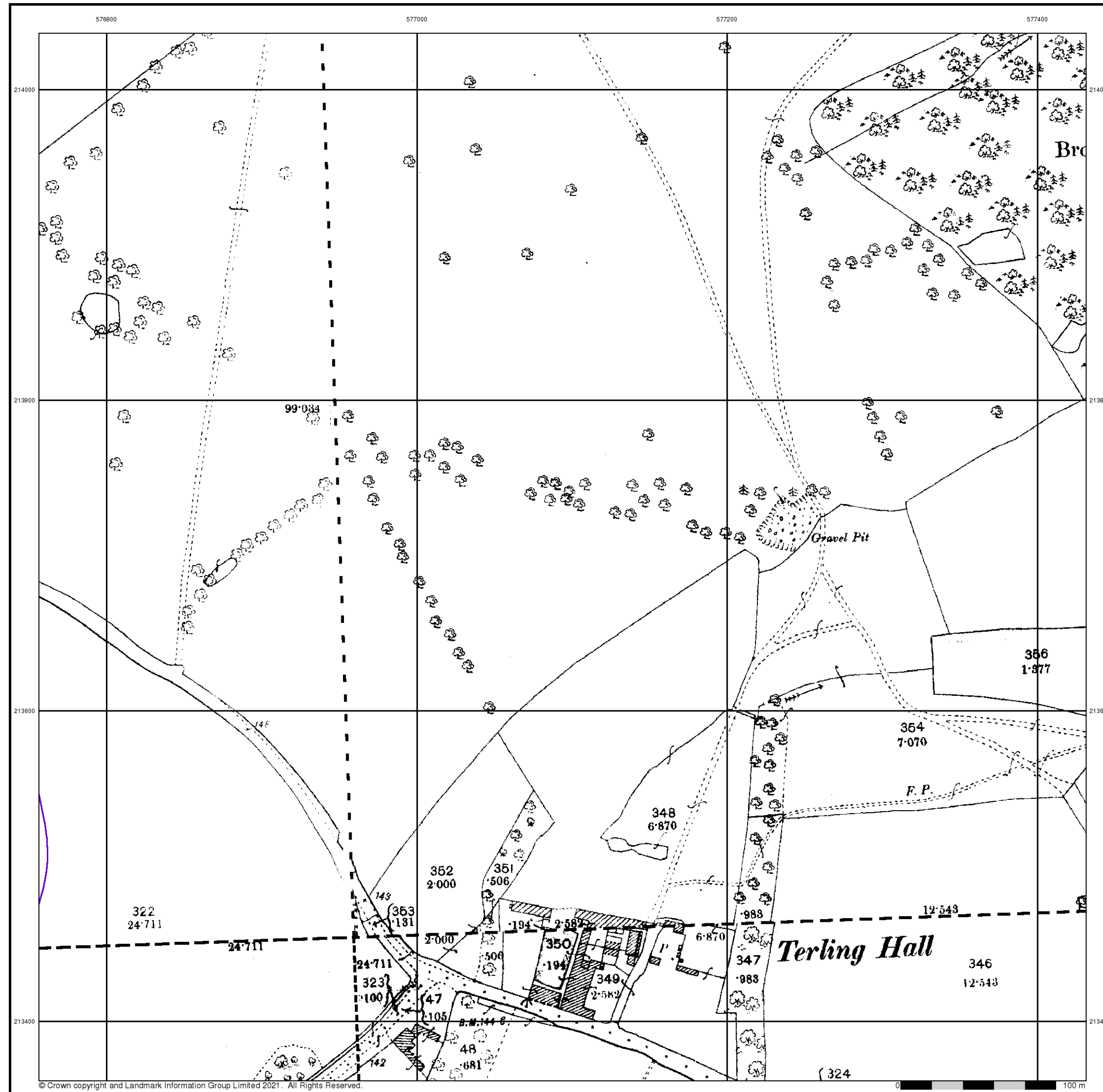
Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

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Essex

Published 1897

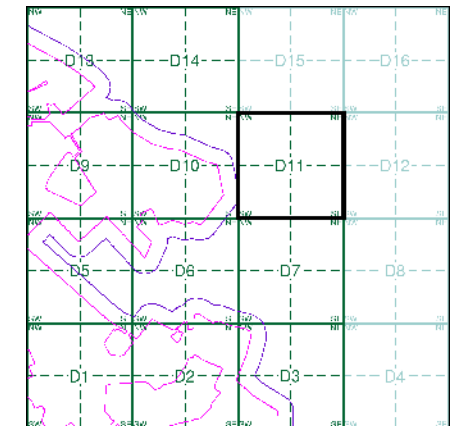
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

044_02 1897 1:2,500	044_03 1897 1:2,500
044_06 1897 1:2,500	044_07 1897 1:2,500

Historical Map - Segment D11



Order Details

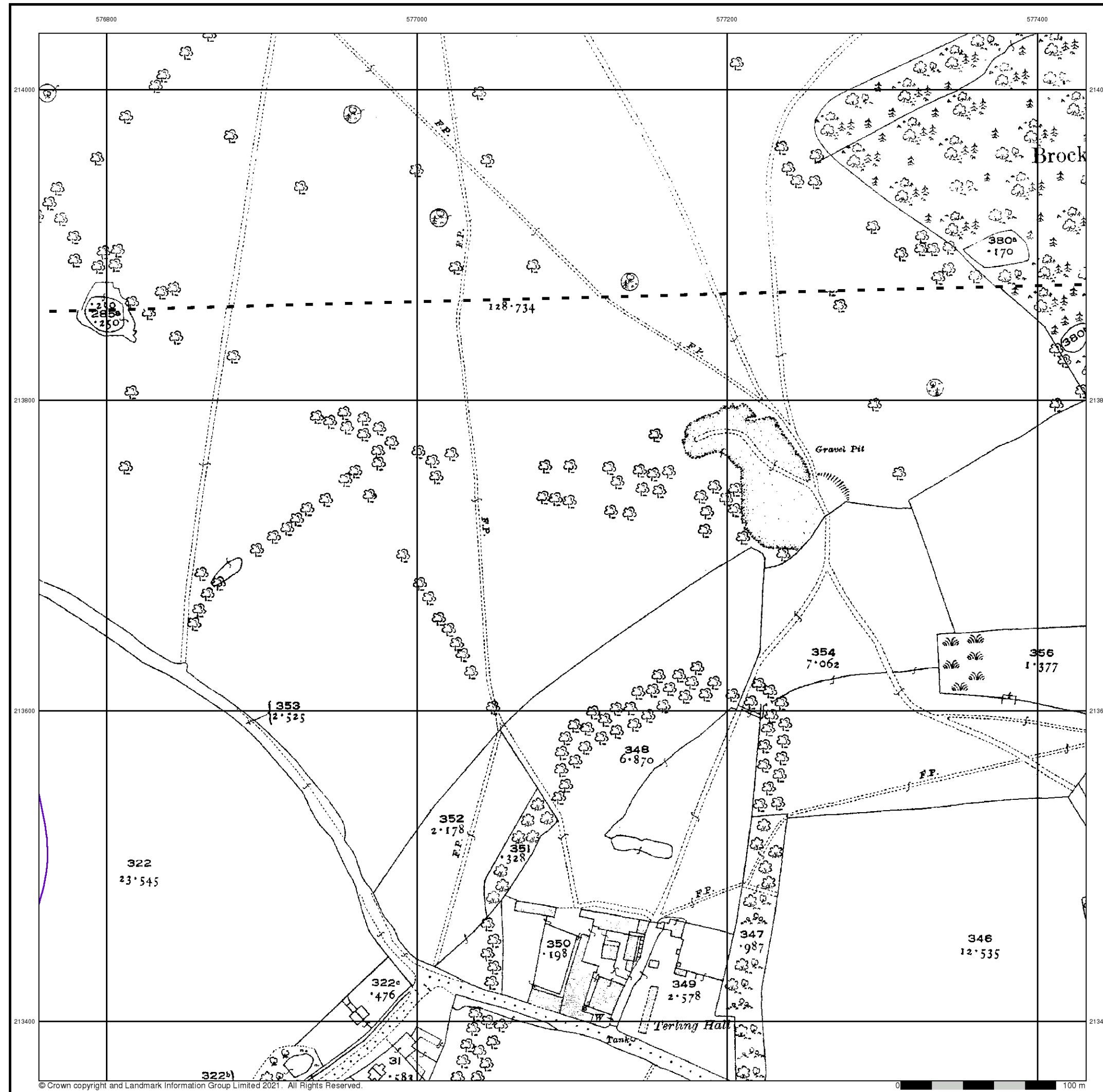
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 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

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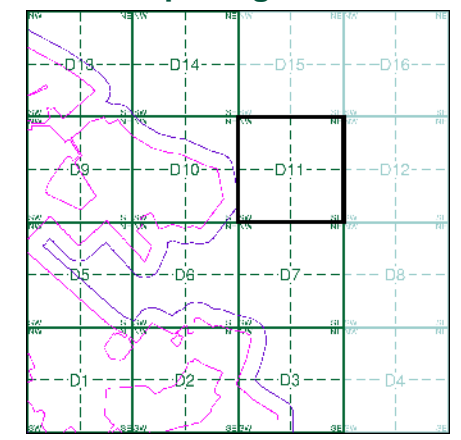


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

045_09	1922	1:2,500
045_13	1922	1:2,500

Historical Map - Segment D11

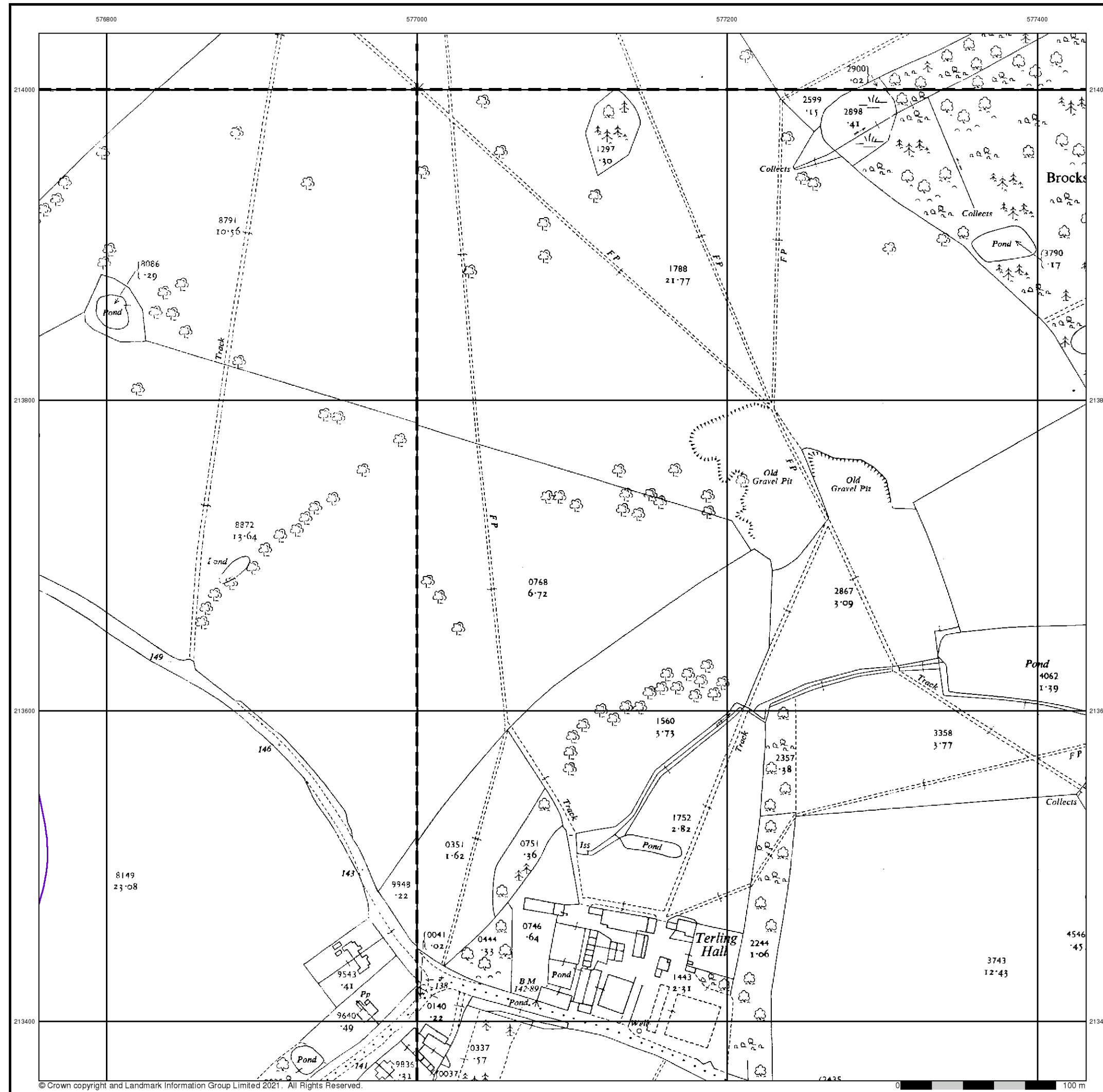


Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
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Site Details

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Ordnance Survey Plan

Published 1953

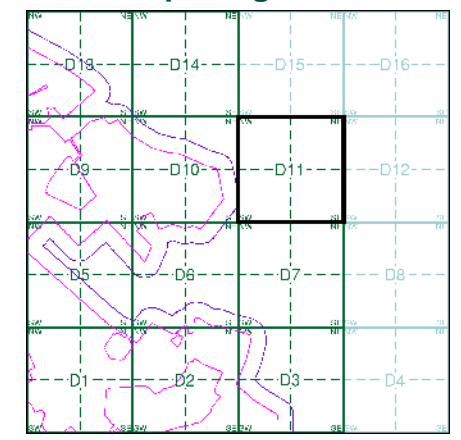
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL7614 1953 12,500	TL7714 1953 12,500
TL7613 1953 12,500	TL7713 1953 12,500

Historical Map - Segment D11

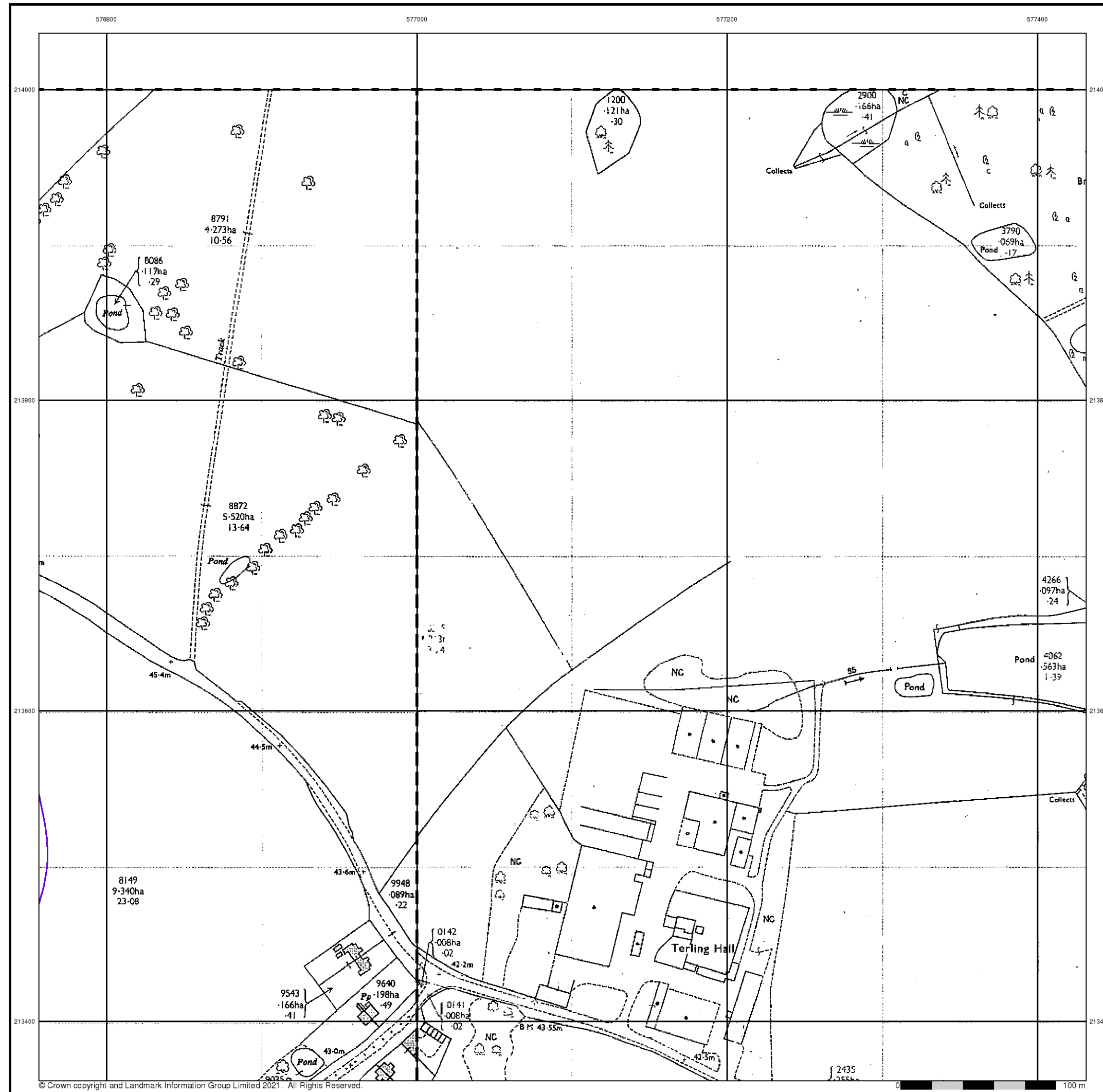


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Site Details

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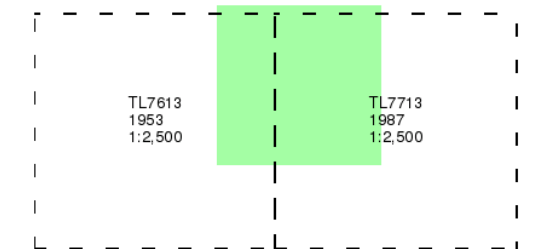
Additional SIMs

Published 1953 - 1987

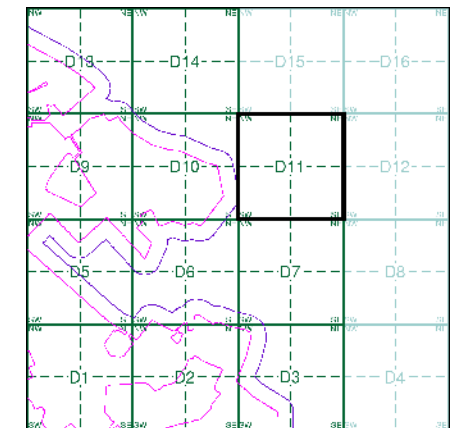
Source map scale - 1:2,500

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 Name(s) and Date(s)



Historical Map - Segment D11



Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

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Ordnance Survey Plan

Published 1978

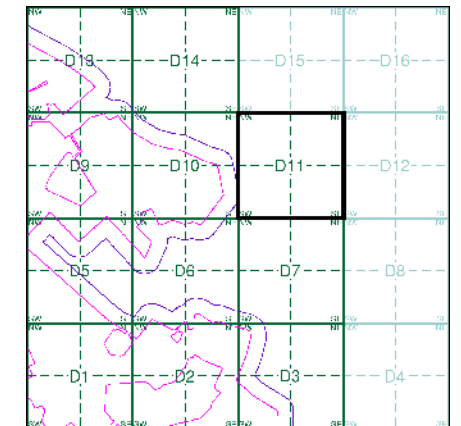
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL7614 1978 12,500	TL7714 1978 12,500
TL7713 1978 12,500	

Historical Map - Segment D11

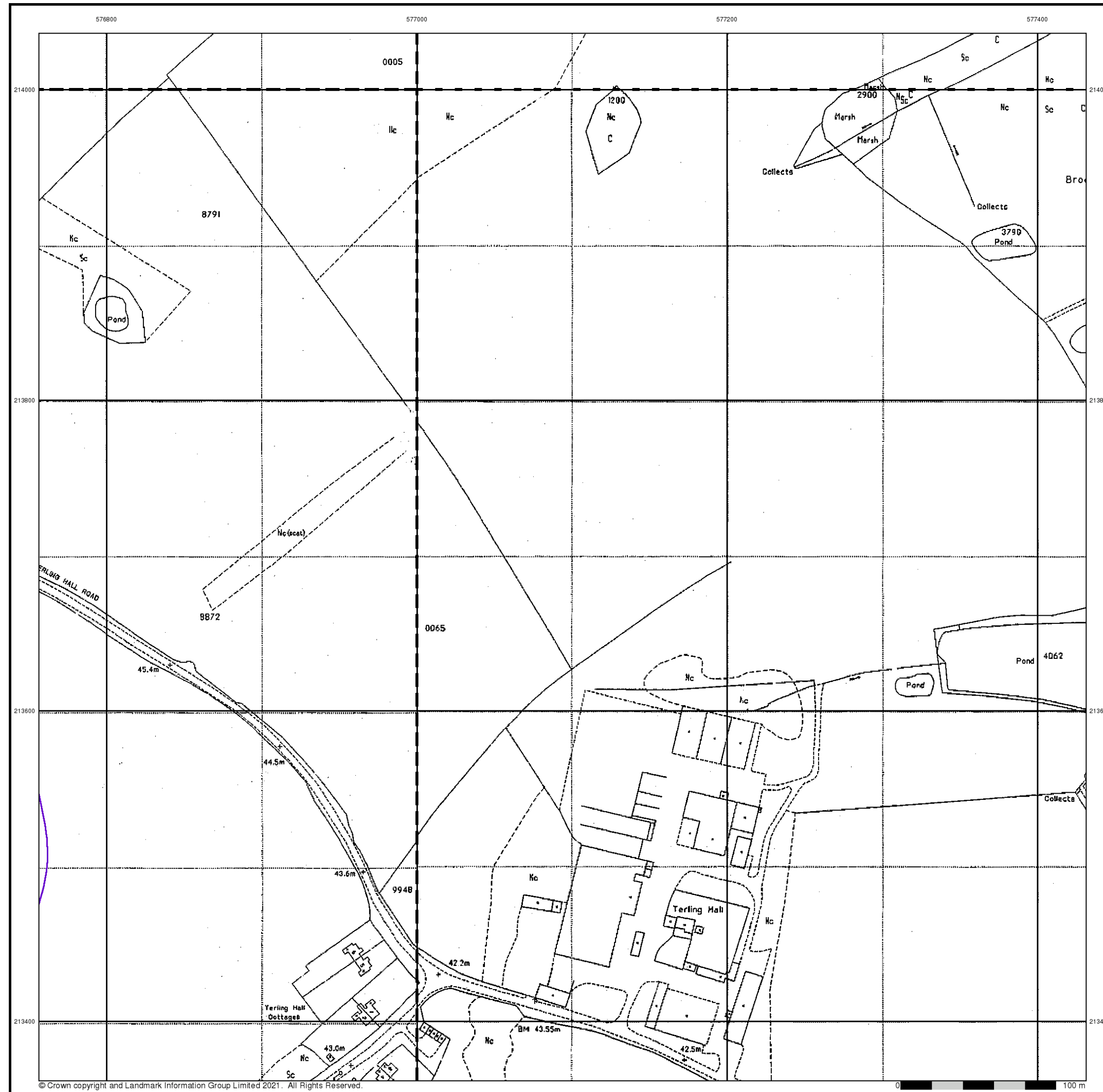


Order Details

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Large-Scale National Grid Data

Published 1993

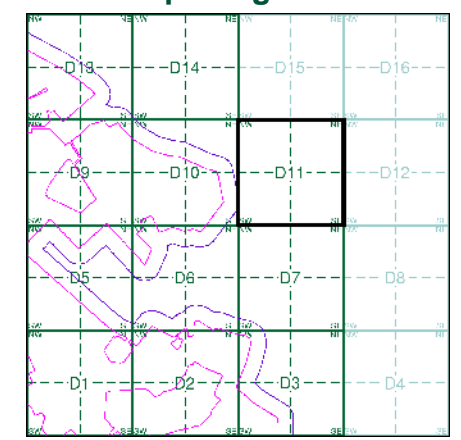
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

TL7614 1993 12,500	TL7714 1993 12,500
TL7613 1993 12,500	TL7713 1993 12,500

Historical Map - Segment D11



Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

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576800

577000

577200

577400

214000

214000

213800

213800

213600

213600

213400

213400



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0 100 m

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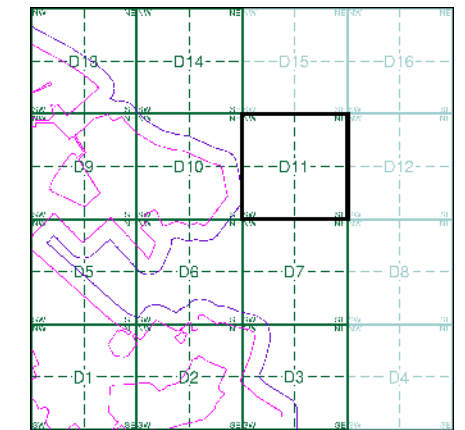
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Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment D11



Order Details

Order Number: 274546457_1_1
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 Slice: D
 Site Area (Ha): 473.19
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Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Boundary Post or Stone **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**

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
Beer House **Pillar, Pole or Post**
Boundary Post or Stone **Post Office**
Capstan, Crane **Public Convenience**
Chimney **Public House**
Drinking Fountain **Pump**
Electricity Pillar or Post **Signal Box or Bridge**
Fire Alarm Pillar **Signal Post or Light**
Foot Bridge **Spring**
Guide Post **Tank or Track**
Hydrant or Hydraulic **Telephone Call Box**
Level Crossing **Telephone Call Post**
Manhole **Trough**
Mile Post or Mooring Post **Water Point, Water Tap**
Mile Stone **Well**
Normal Tidal Limit **Wind Pump**

Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
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)
Barracks **Pillar, Pole or Post**
Battery **Post Office**
Cemetery **Public Convenience**
Chimney **Pump**
Cistern **Pumping Station**
Dismtd Rly **Place of Worship**
Electricity Generating Station **Sewage Ppg Sta** **Sewage Pumping Station**
Electricity Pole, Pillar **Signal Box or Bridge**
Electricity Sub Station **Signal Post or Light**
Filter Bed **Spring**
Fountain / Drinking Ftn. **Tank or Track**
Gas Valve Compound **Trough**
Gas Governor **Wind Pump**
Guide Post **Water Point, Water Tap**
Manhole **Works (building or area)**
Mile Post or Mile Stone **Well**

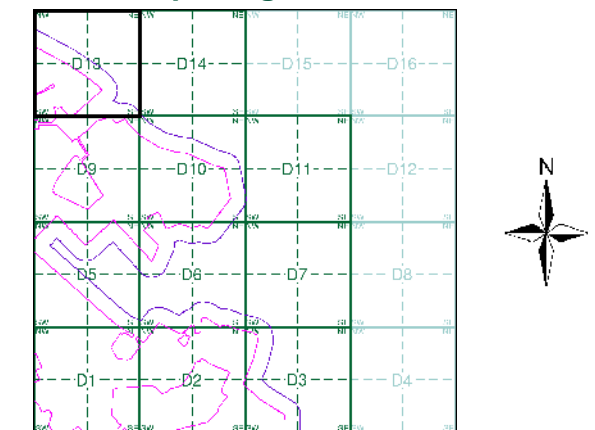
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:2,500	1874	2
Essex	1:2,500	1897	3
Essex	1:2,500	1922	4
Ordnance Survey Plan	1:2,500	1952 - 1953	5
Additional SIMs	1:2,500	1952	6
Ordnance Survey Plan	1:2,500	1972 - 1978	7
Large-Scale National Grid Data	1:2,500	1993	8
Historical Aerial Photography	1:2,500	1999	9

Historical Map - Segment D13



Order Details

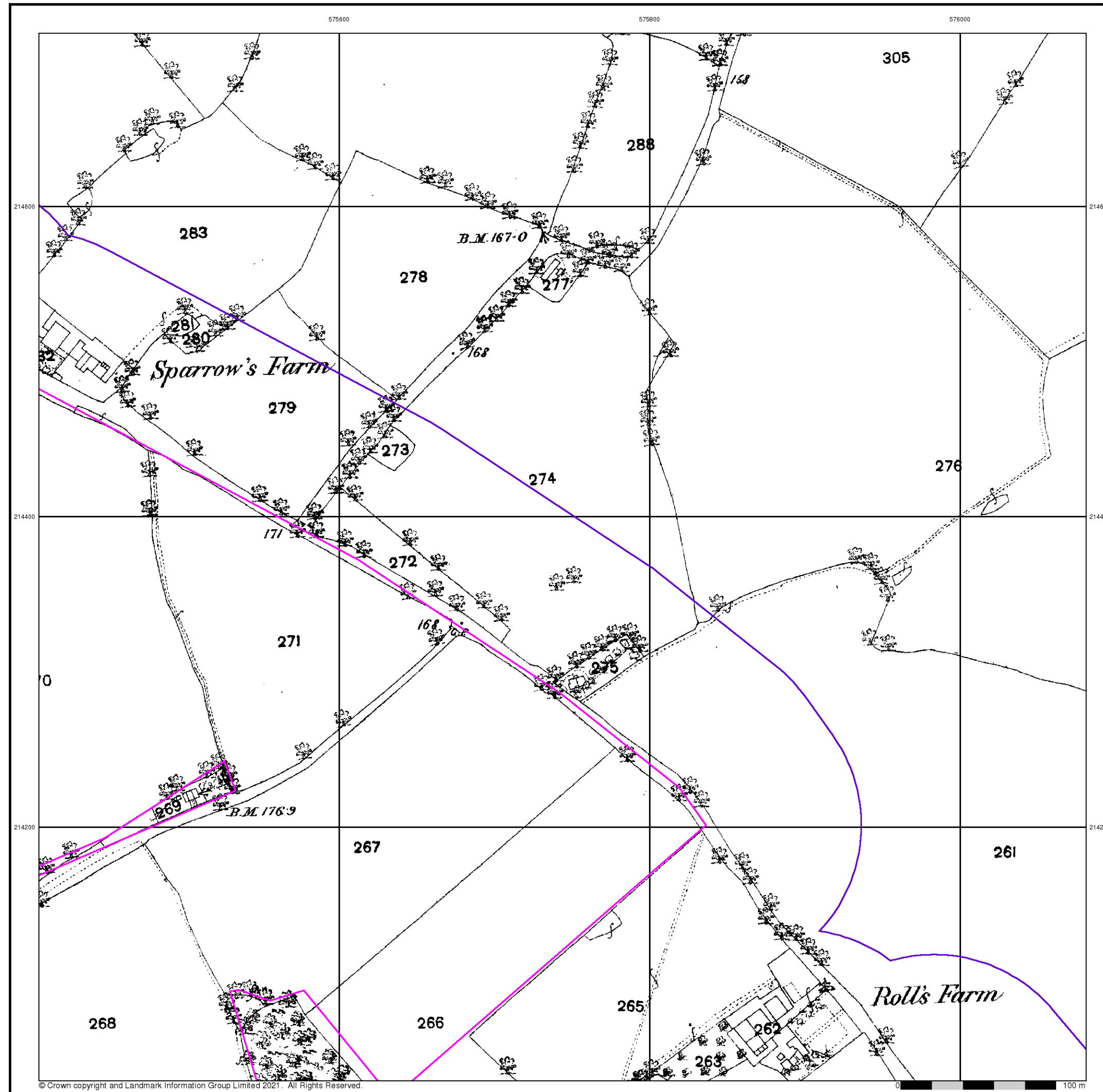
Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

Longfield

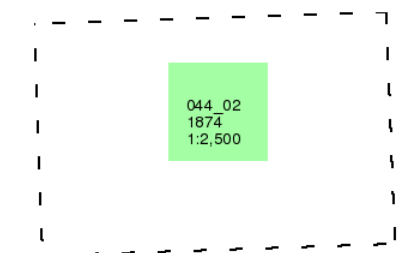
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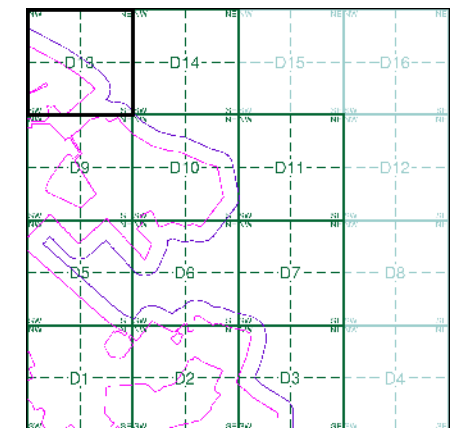


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)



Historical Map - Segment D13

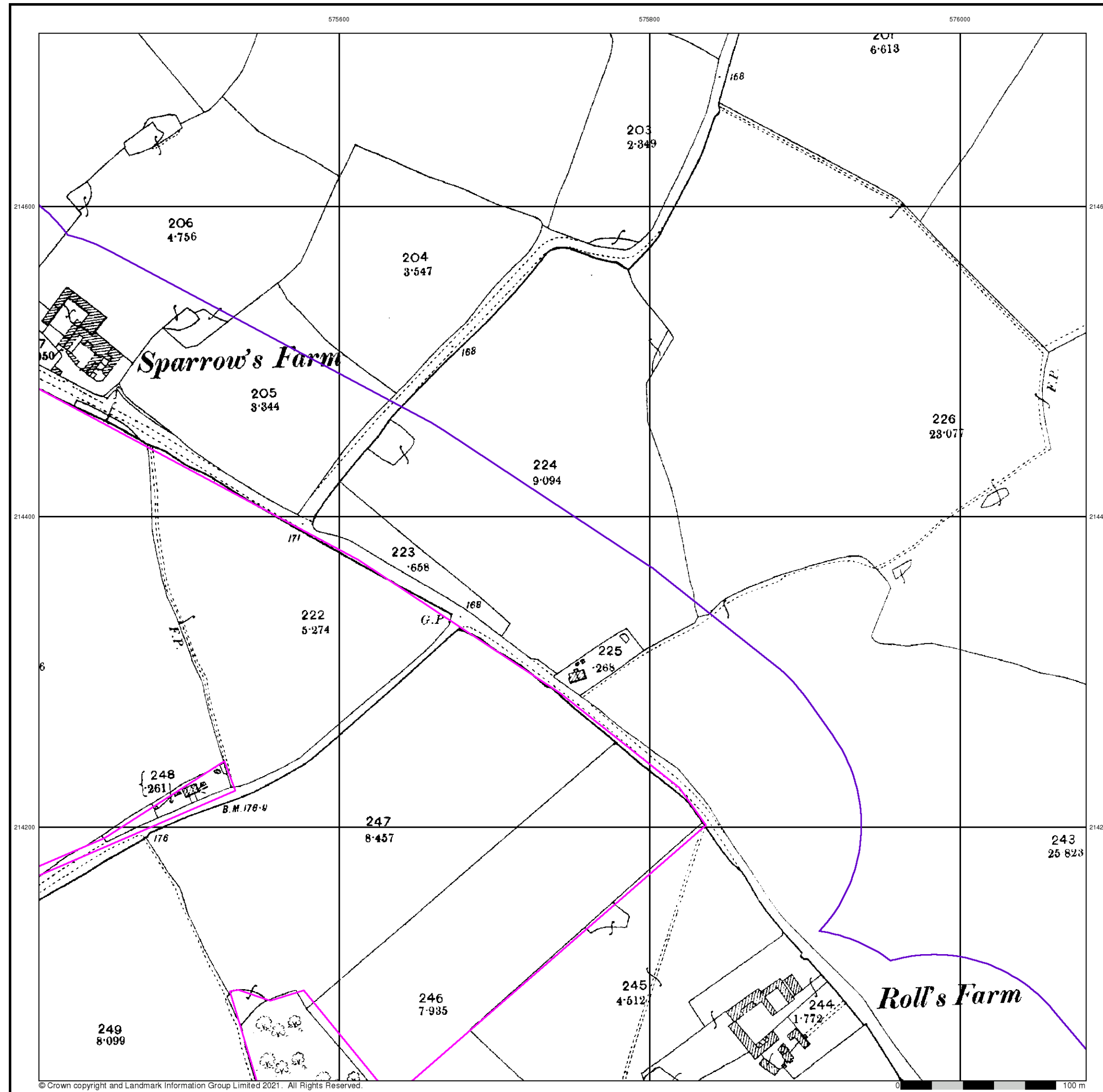


Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
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 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

Longfield



Essex
Published 1897
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

044_02
1897
1:2,500

Historical Map - Segment D13

The inset map shows a grid of segments labeled D1 through D16. Segment D13 is highlighted in pink, corresponding to the main map area. A north arrow is located to the right of the inset map.

Order Details

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Site Details
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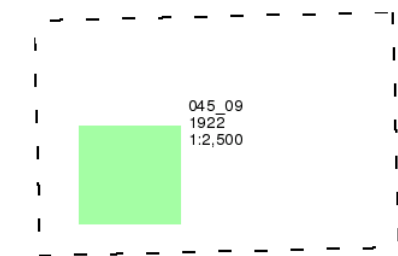
Essex

Published 1922

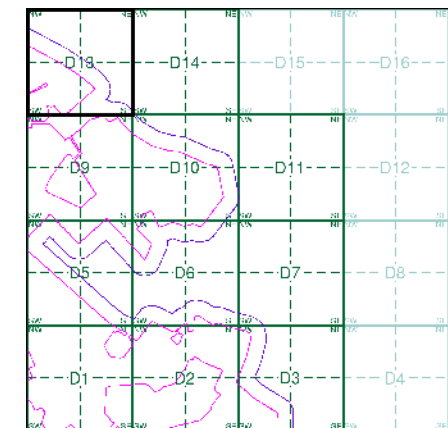
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment D13

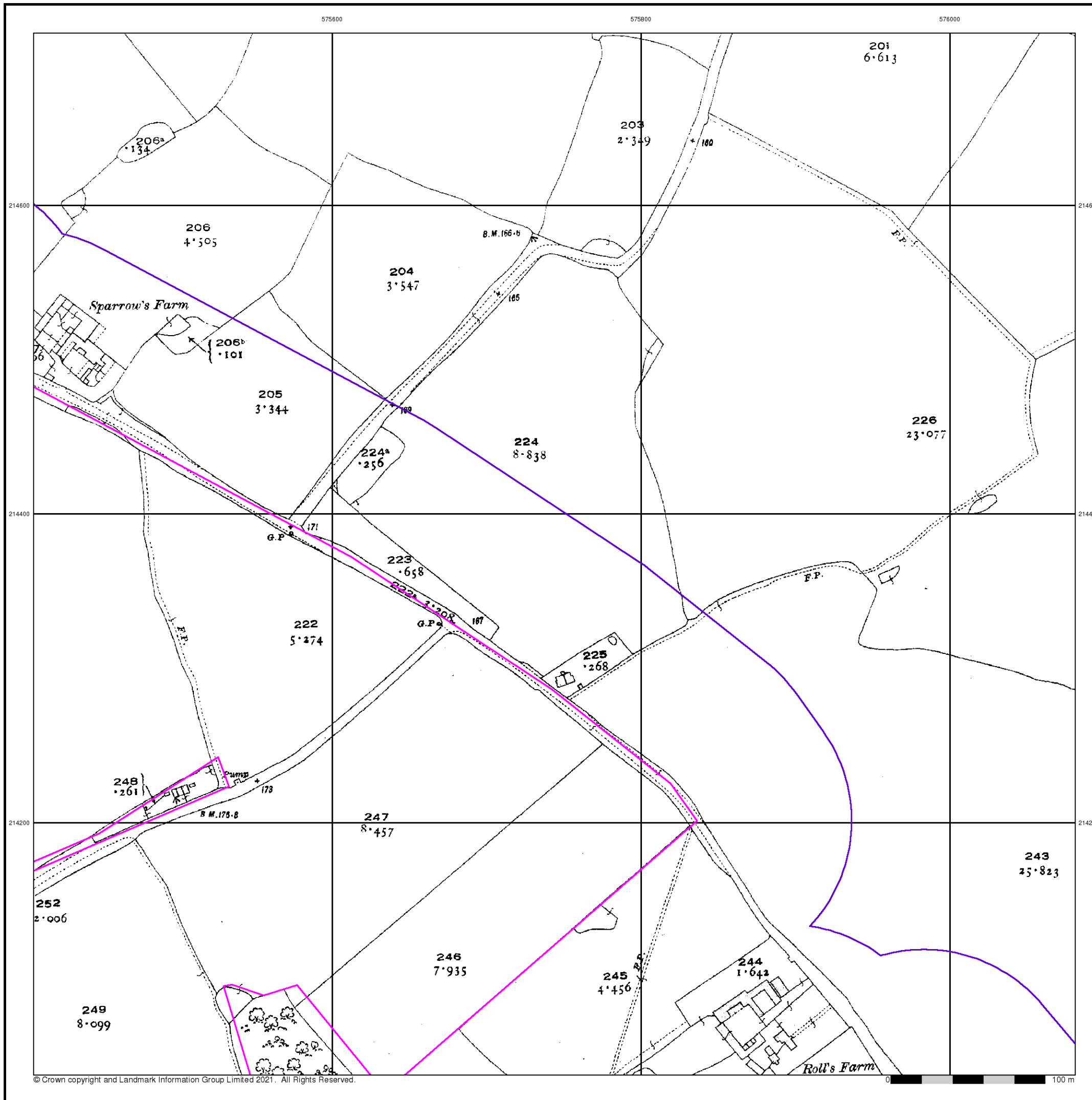


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Site Details

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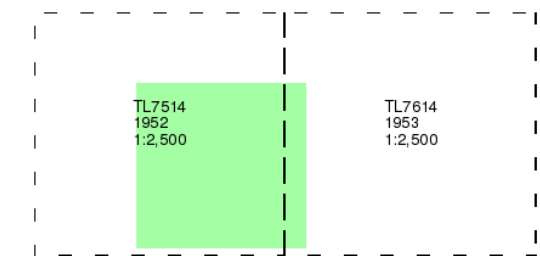
Ordnance Survey Plan

Published 1952 - 1953

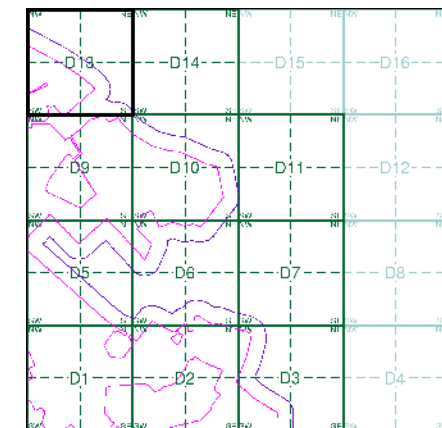
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D13

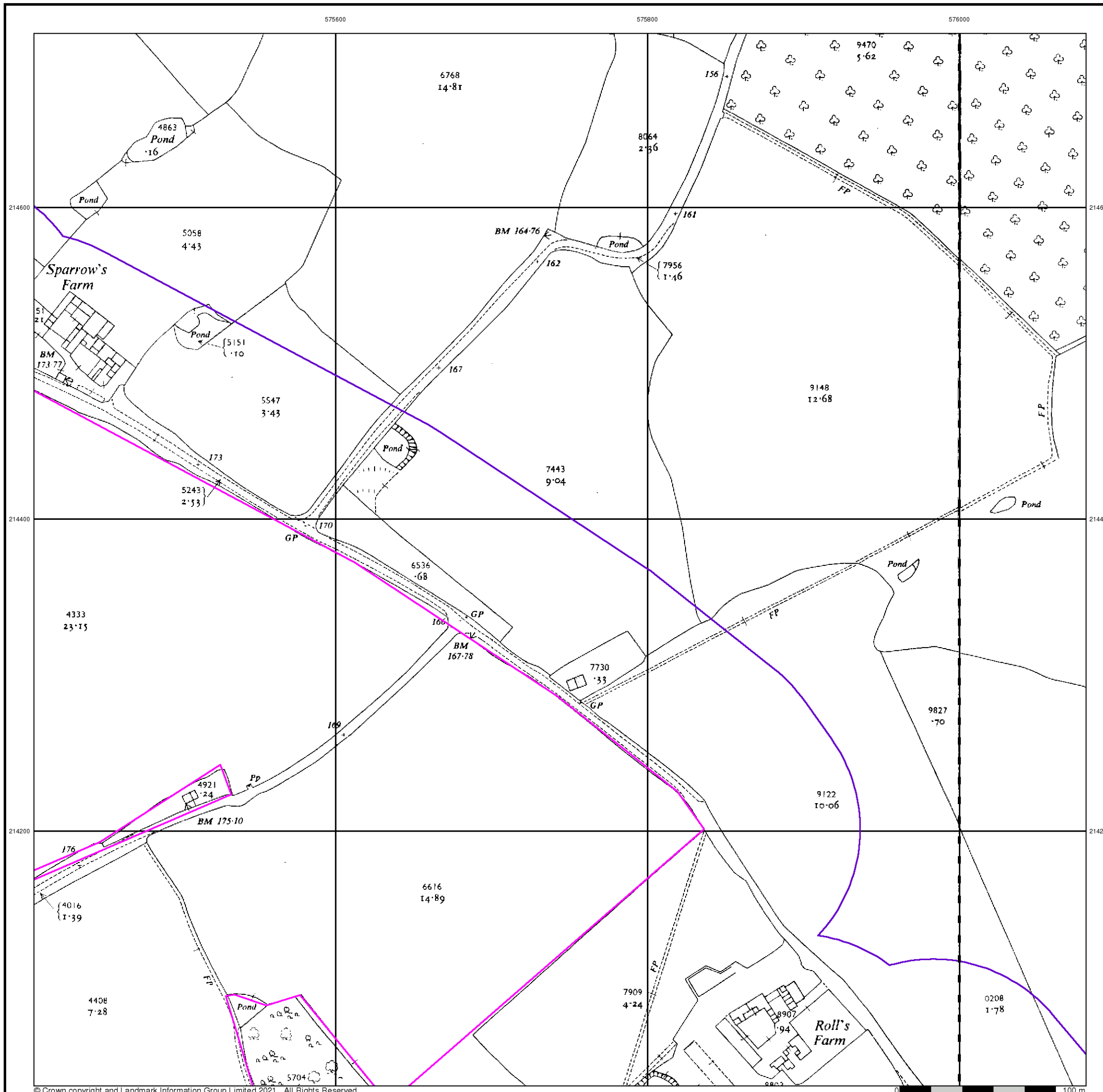


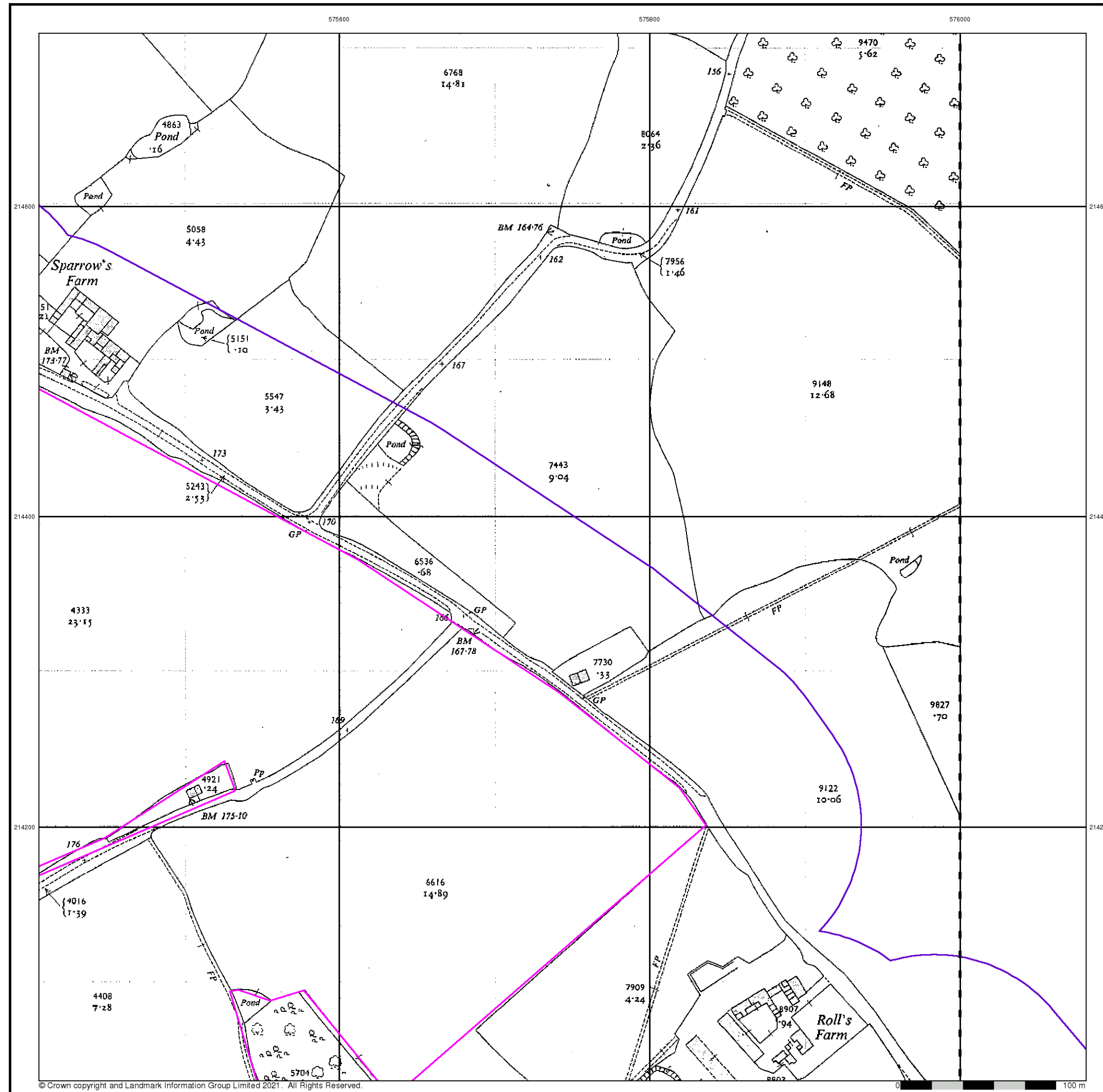
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Site Details

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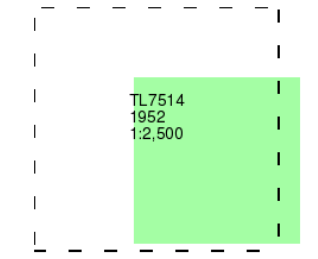




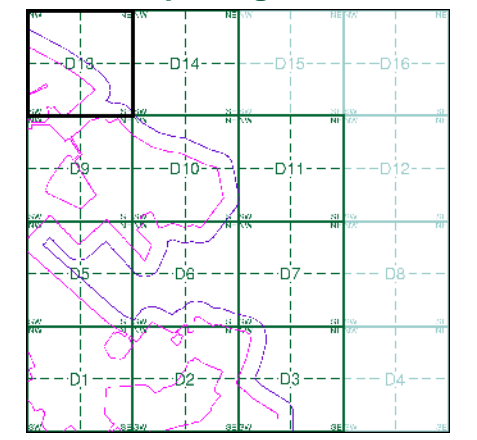
Additional SIMs
Published 1952
Source map scale - 1:2,500

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 Name(s) and Date(s)



Historical Map - Segment D13



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Site Details
 Longfield

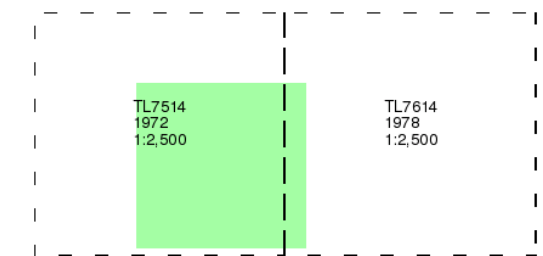
Ordnance Survey Plan

Published 1972 - 1978

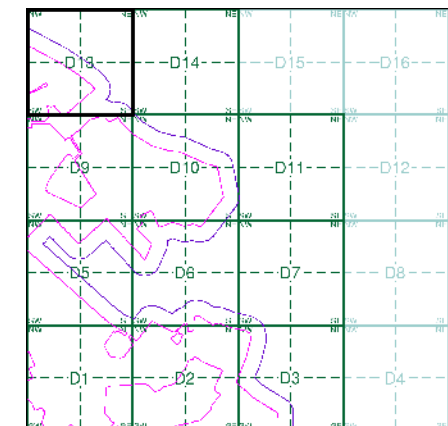
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D13

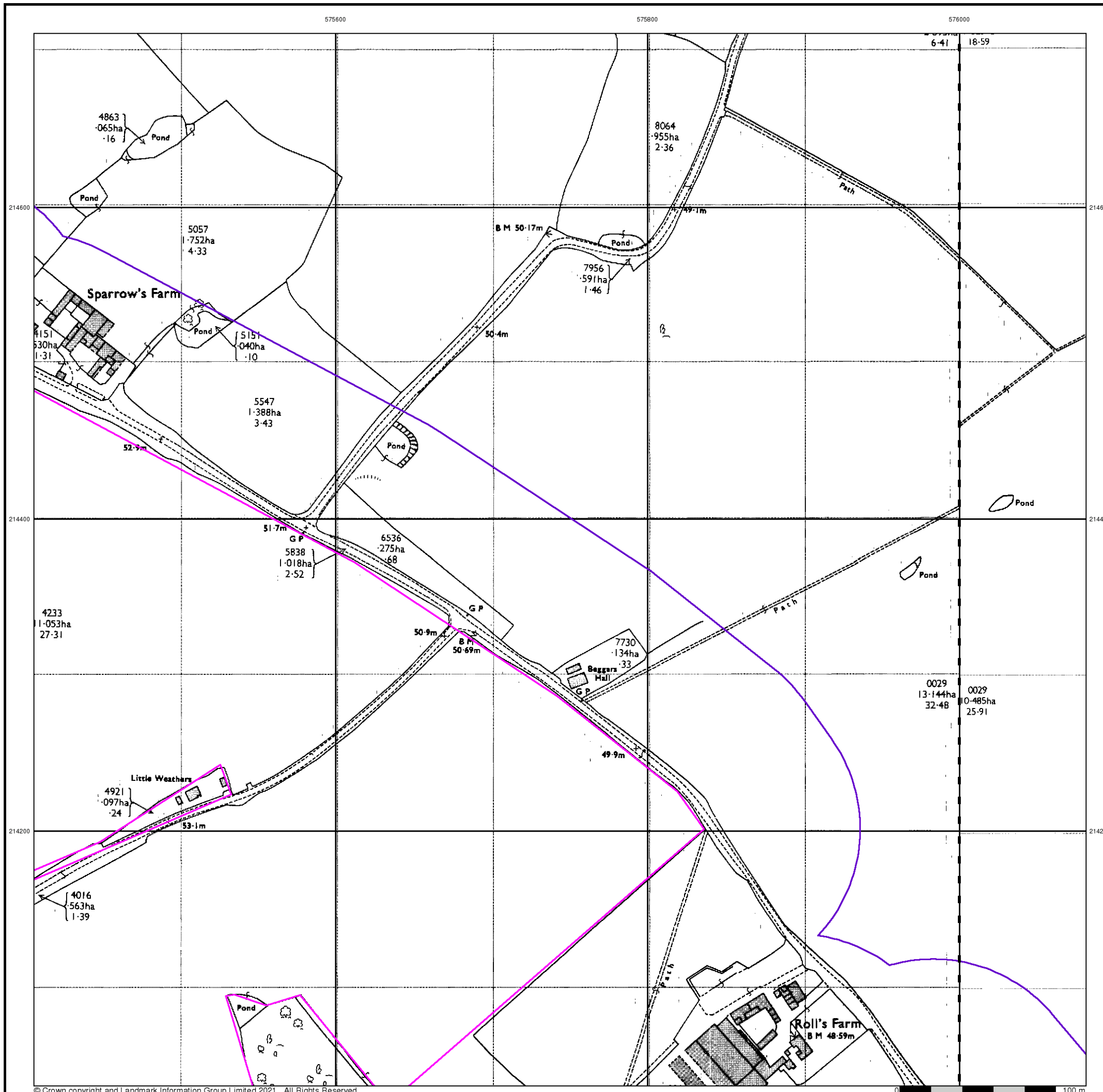


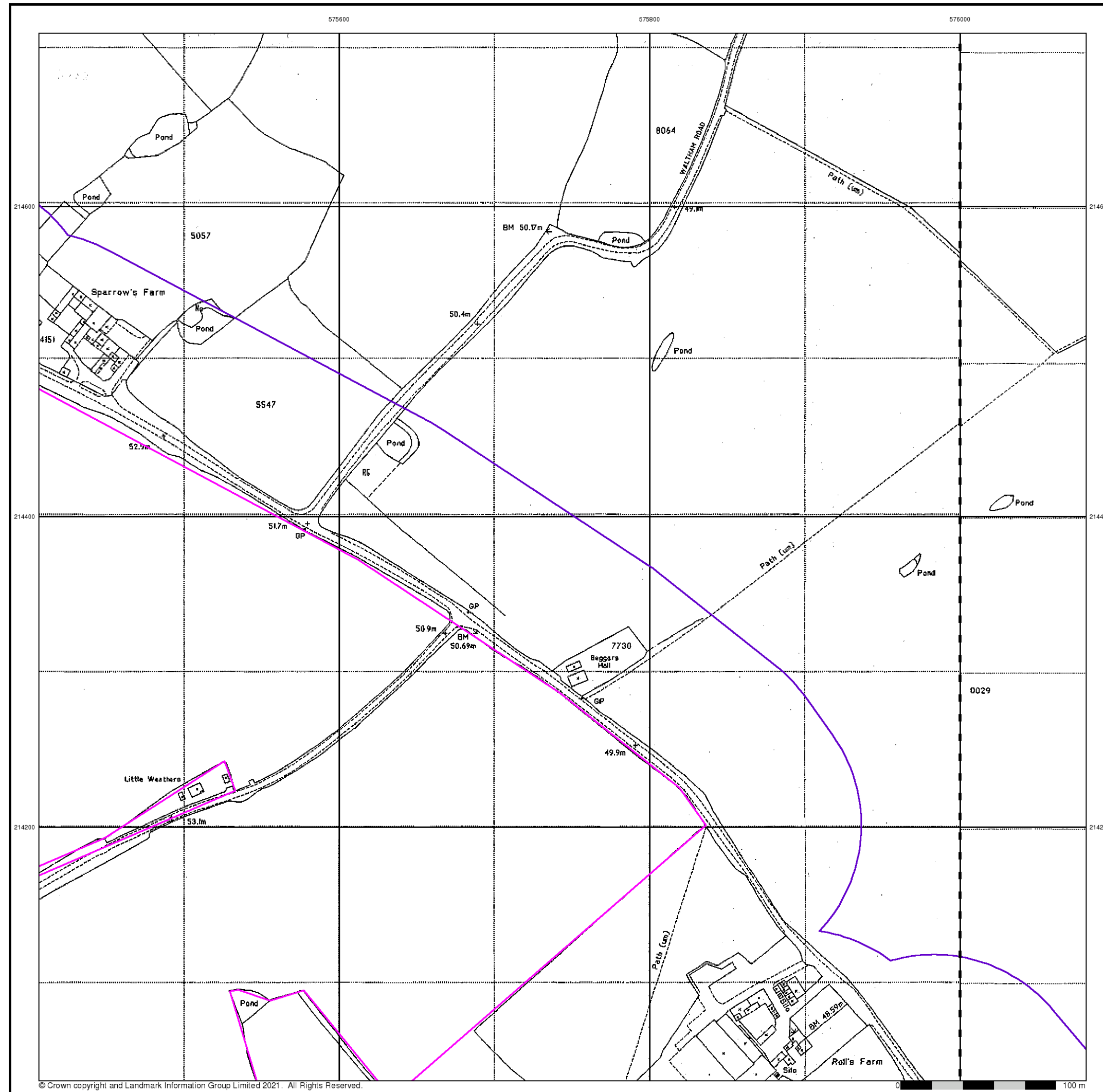
Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

Longfield





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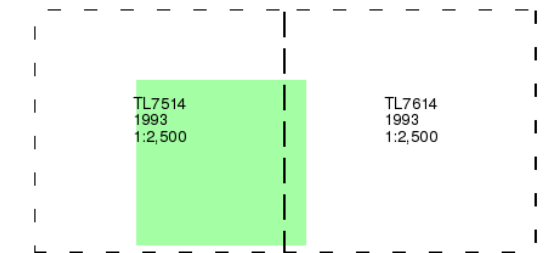
Large-Scale National Grid Data

Published 1993

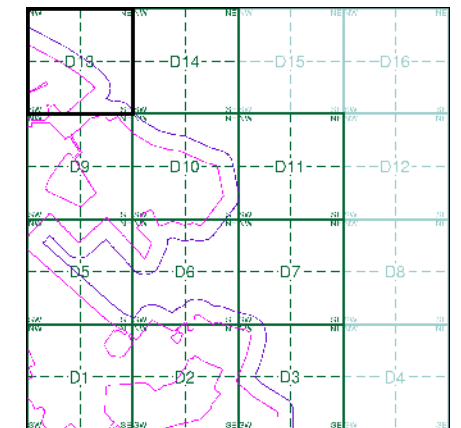
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D13



Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

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575600

575800

576000

Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

214600

214600

214400

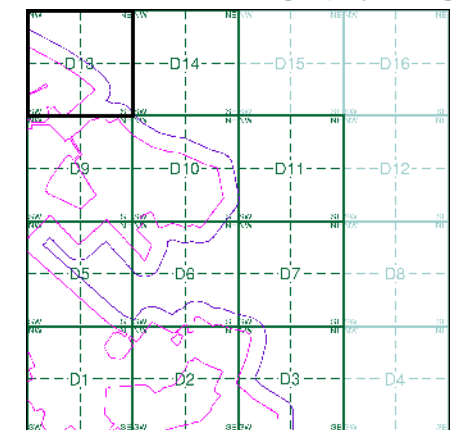
214400

214200

214200



Historical Aerial Photography - Segment D13



Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

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Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Boundary Post or Stone **Police Call Box**
B.R. Bridle Road **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**

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
Beer House **Pillar, Pole or Post**
Boundary Post or Stone **Post Office**
Capstan, Crane **Public Convenience**
Chimney **Public House**
Drinking Fountain **Pump**
Electricity Pillar or Post **Signal Box or Bridge**
Fire Alarm Pillar **Signal Post or Light**
Foot Bridge **Spring**
Guide Post **Tank or Track**
Hydrant or Hydraulic **Telephone Call Box**
Level Crossing **Telephone Call Post**
Manhole **Trough**
Mile Post or Mooring Post **Water Point, Water Tap**
Mile Stone **Well**
Normal Tidal Limit **Wind Pump**

Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
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)
Barracks **Pillar, Pole or Post**
Battery **Post Office**
Cemetery **Public Convenience**
Chimney **Pump**
Cistern **Pumping Station**
Dismtd Rly **Place of Worship**
Electricity Generating Station **Sewage Pumping Station**
Electricity Pole, Pillar **Signal Box or Bridge**
Electricity Sub Station **Signal Post or Light**
Filter Bed **Spring**
Fountain / Drinking Ftn. **Tank or Track**
Gas Valve Compound **Trough**
Gas Governor **Wind Pump**
Guide Post **Water Point, Water Tap**
Manhole **Works (building or area)**
Mile Post or Mile Stone **Well**

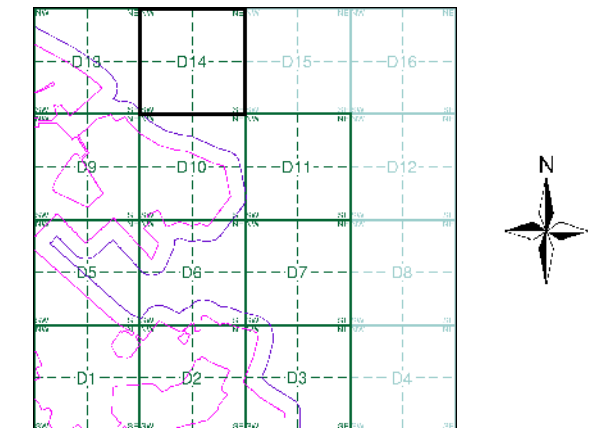
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:2,500	1874	2
Essex	1:2,500	1897	3
Essex	1:2,500	1922	4
Ordnance Survey Plan	1:2,500	1953	5
Ordnance Survey Plan	1:2,500	1978	6
Large-Scale National Grid Data	1:2,500	1993	7
Historical Aerial Photography	1:2,500	1999	8

Historical Map - Segment D14



Order Details

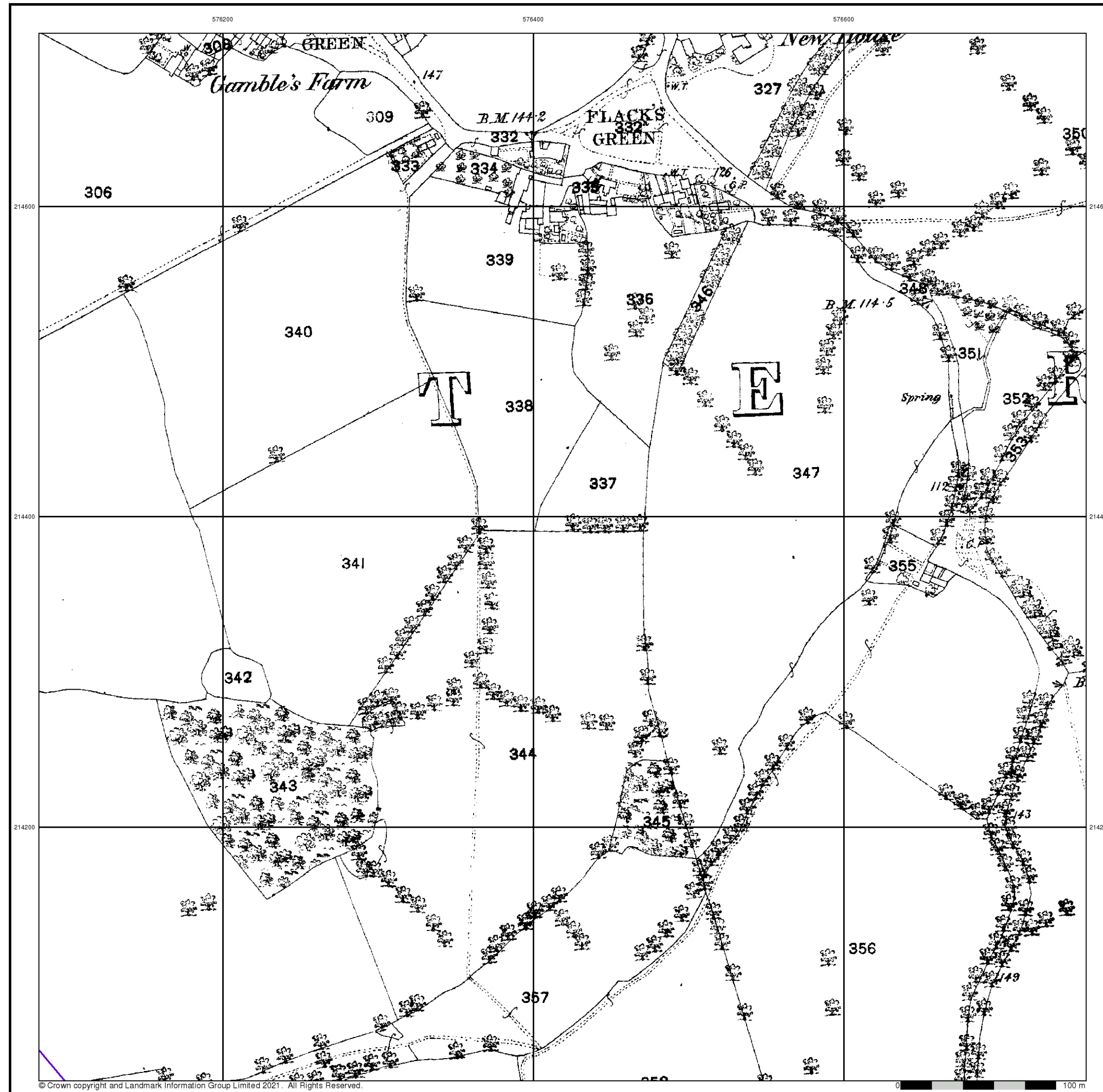
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 Customer Ref: 60640215
 National Grid Reference: 576270, 213190
 Slice: D
 Site Area (Ha): 473.19
 Search Buffer (m): 100

Site Details

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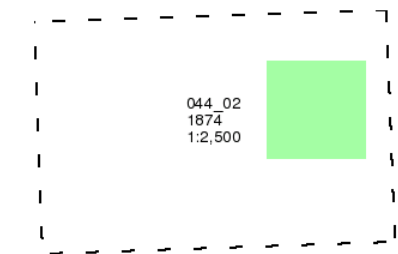
Essex

Published 1874

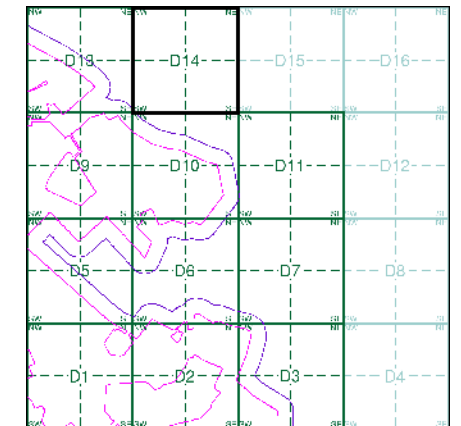
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D14



Order Details

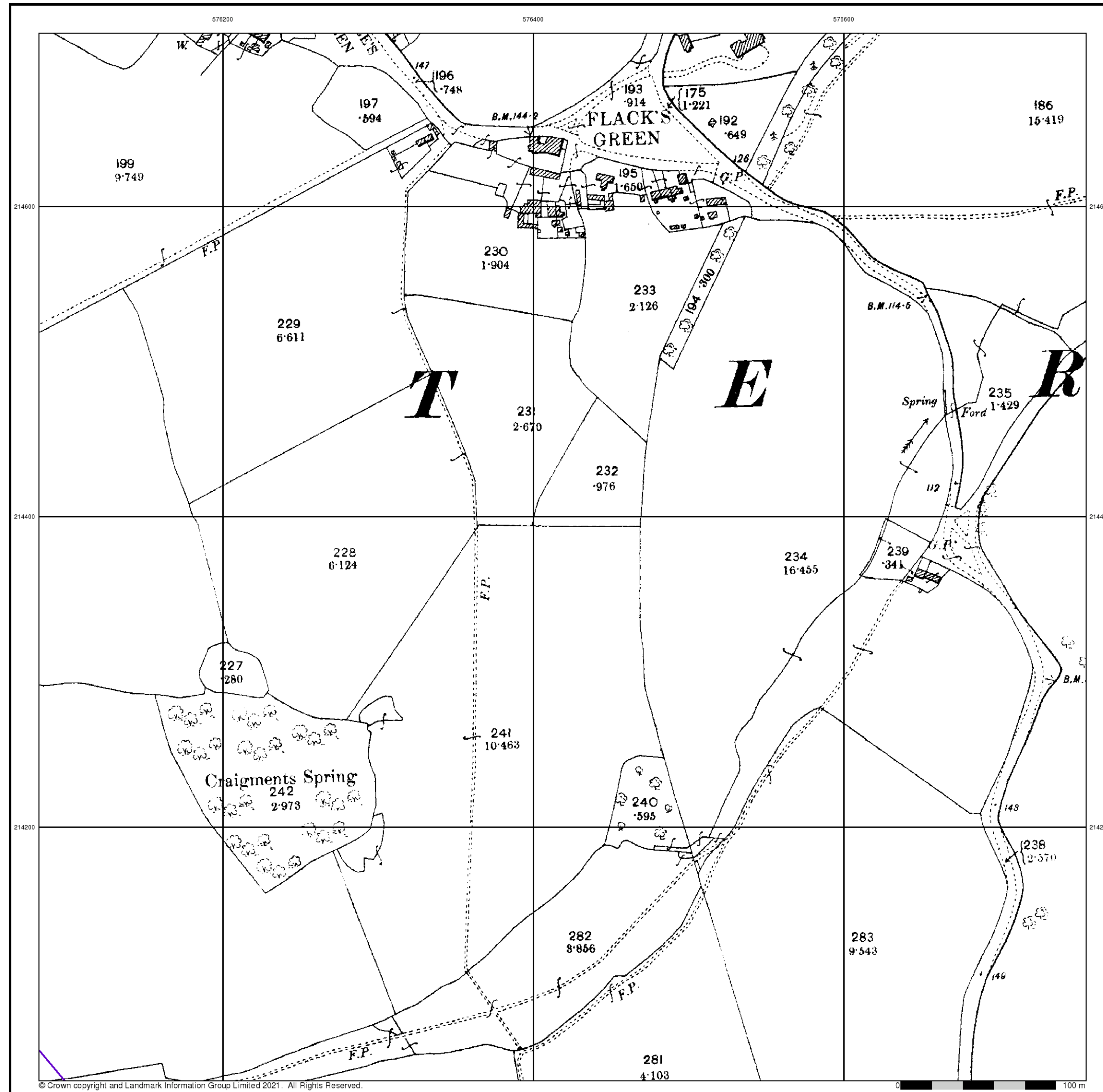
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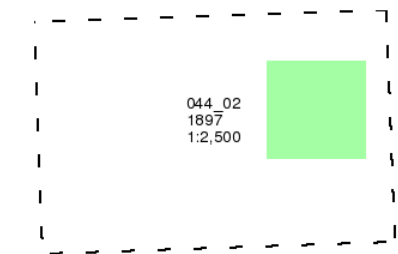
Essex

Published 1897

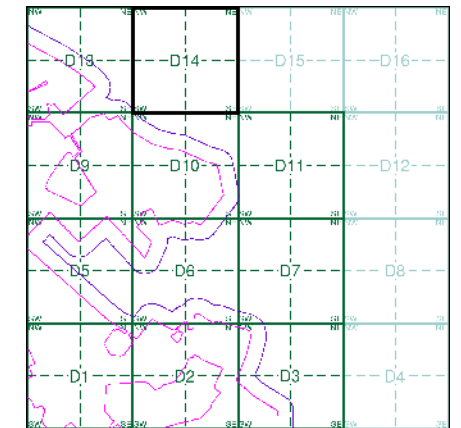
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered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

Map Name(s) and Date(s)



Historical Map - Segment D14



Order Details

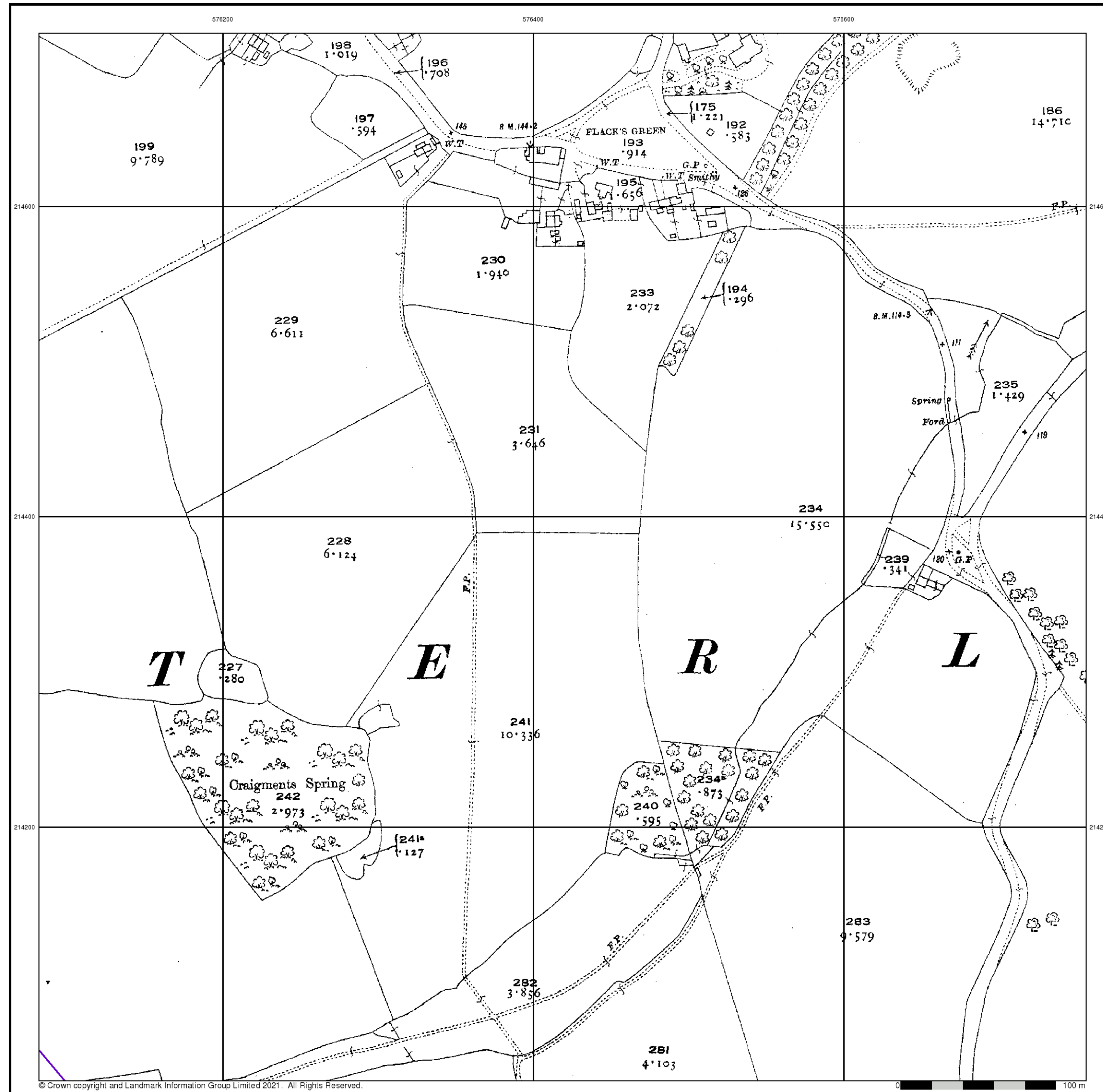
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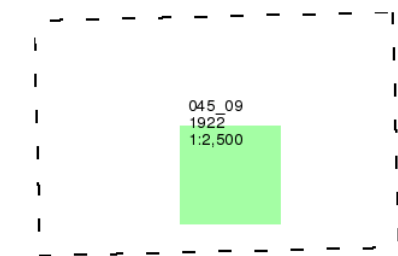
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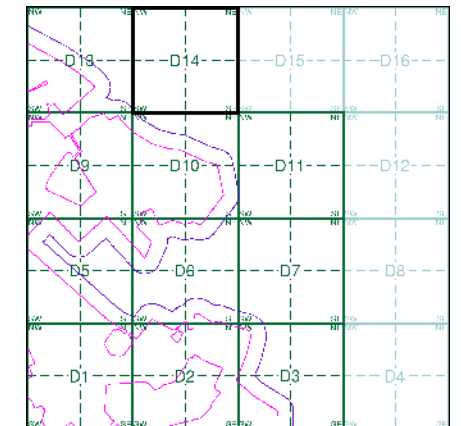


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Map Name(s) and Date(s)



Historical Map - Segment D14



Order Details

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Site Details

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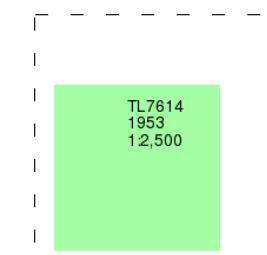
Ordnance Survey Plan

Published 1953

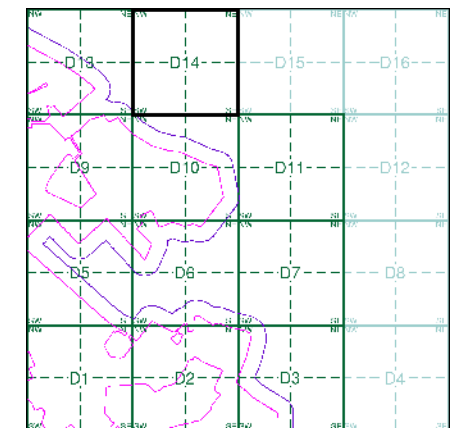
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D14

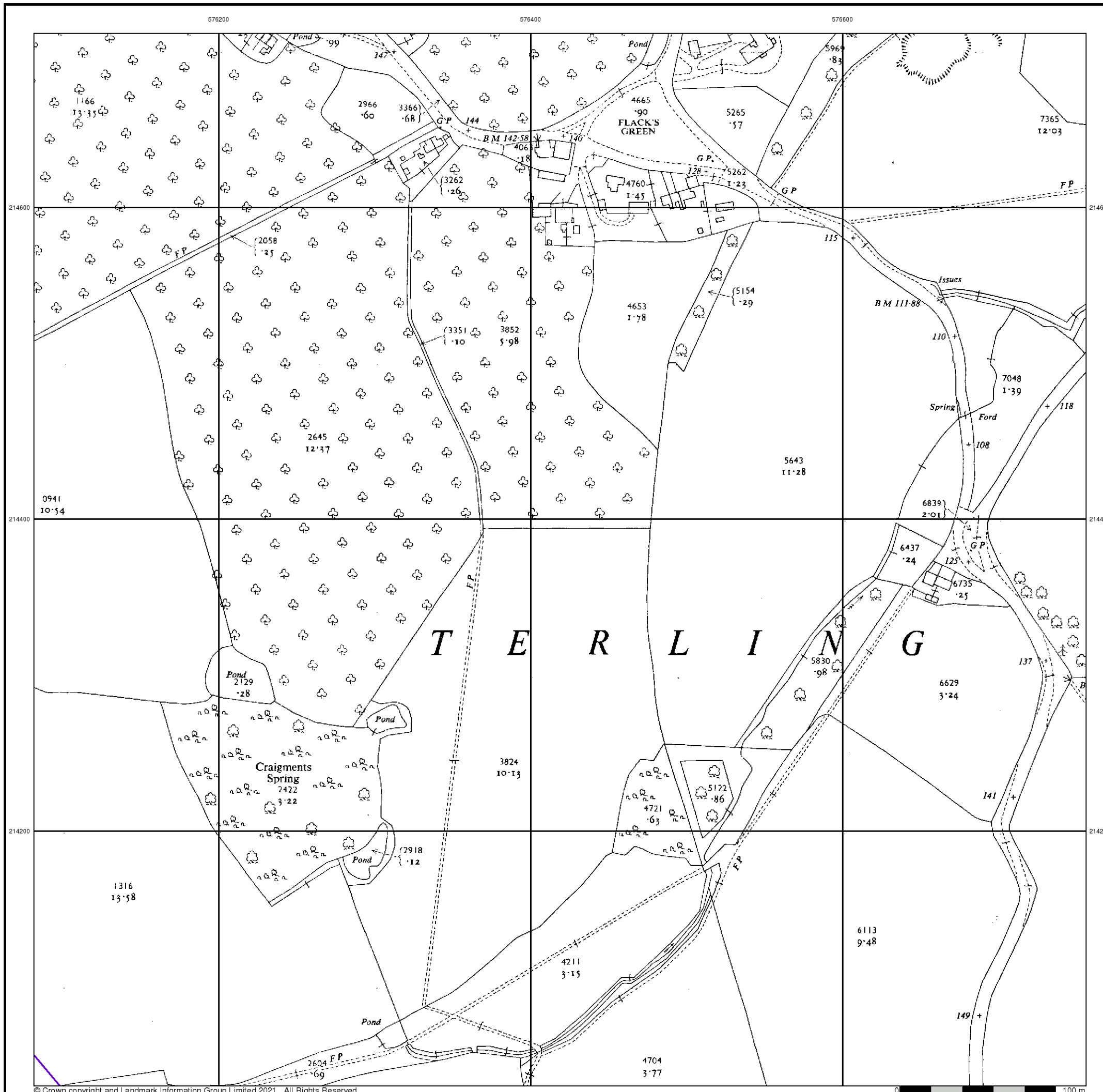


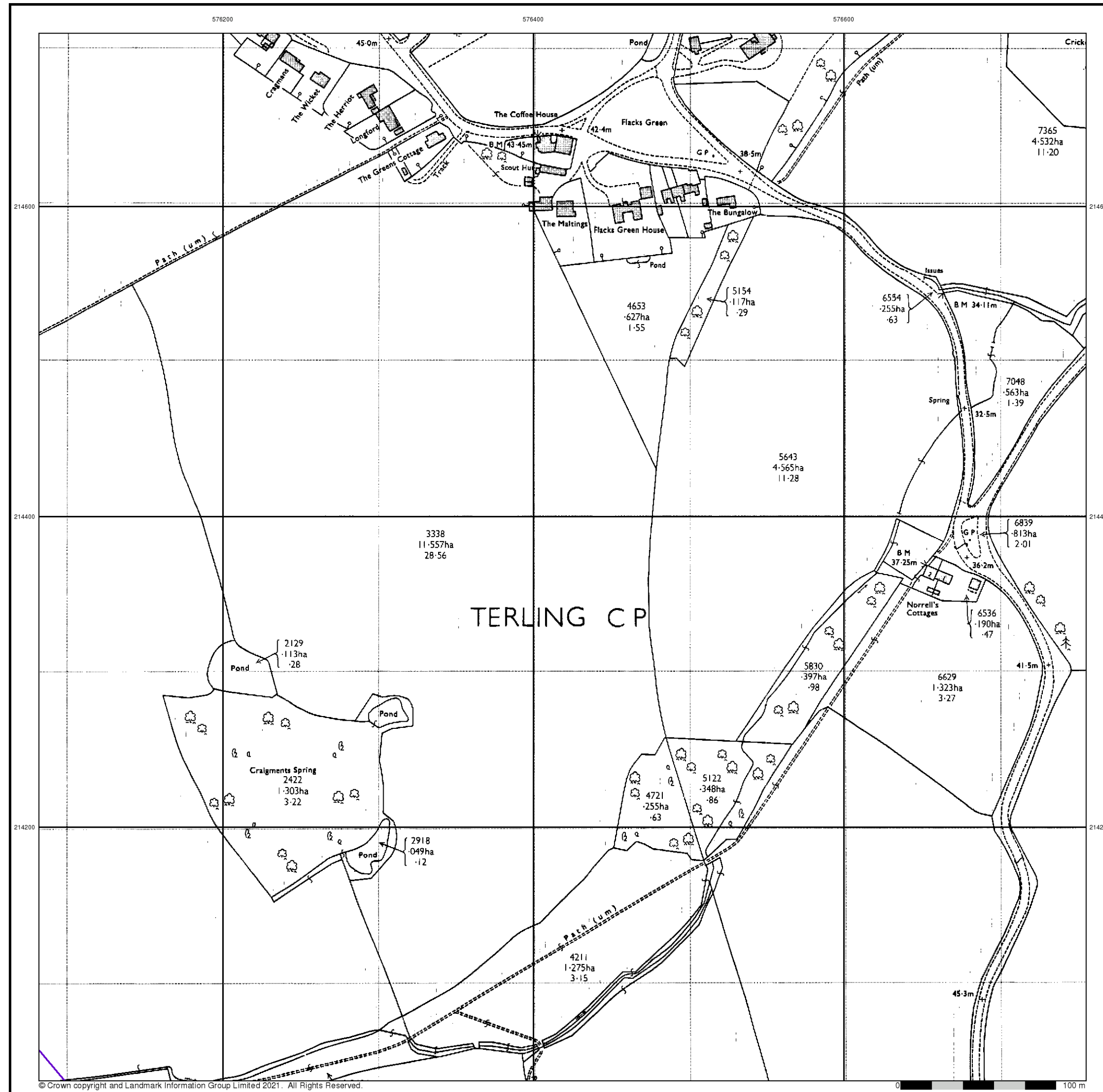
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Site Details

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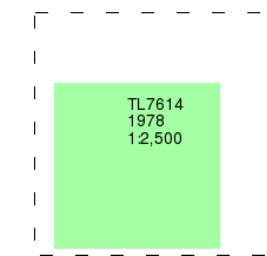
Ordnance Survey Plan

Published 1978

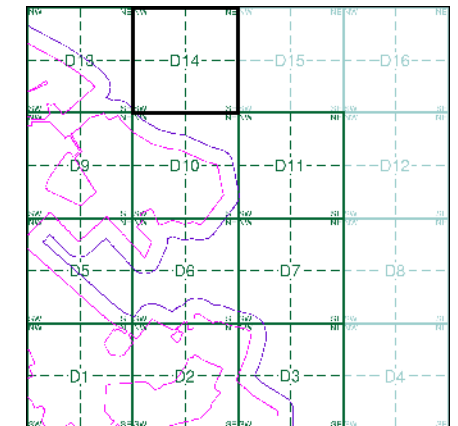
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D14

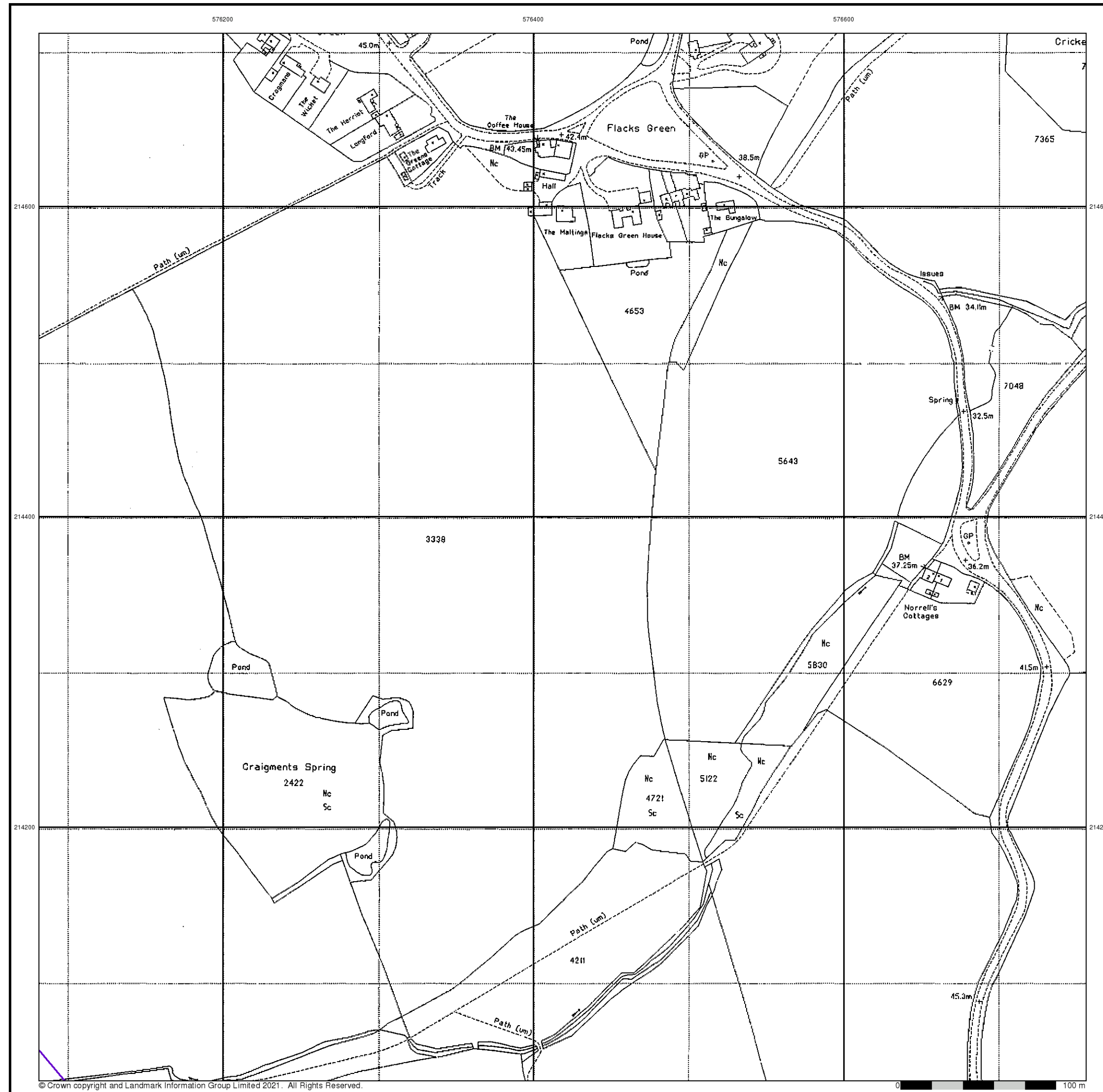


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Site Details

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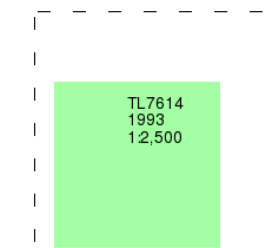
Large-Scale National Grid Data

Published 1993

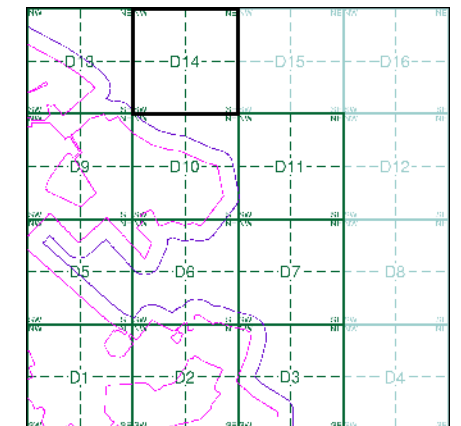
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment D14



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Site Details

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576200

576400

576600

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Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

214600

214600

214400

214400

214200

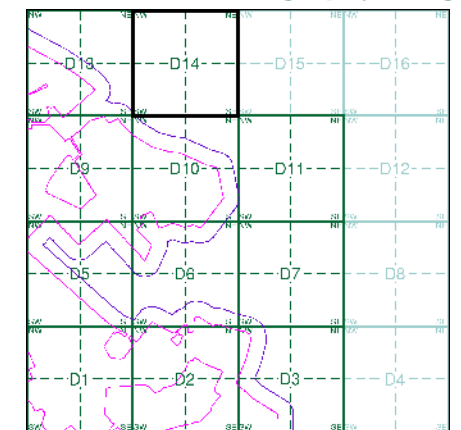
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Historical Aerial Photography - Segment D14



Order Details

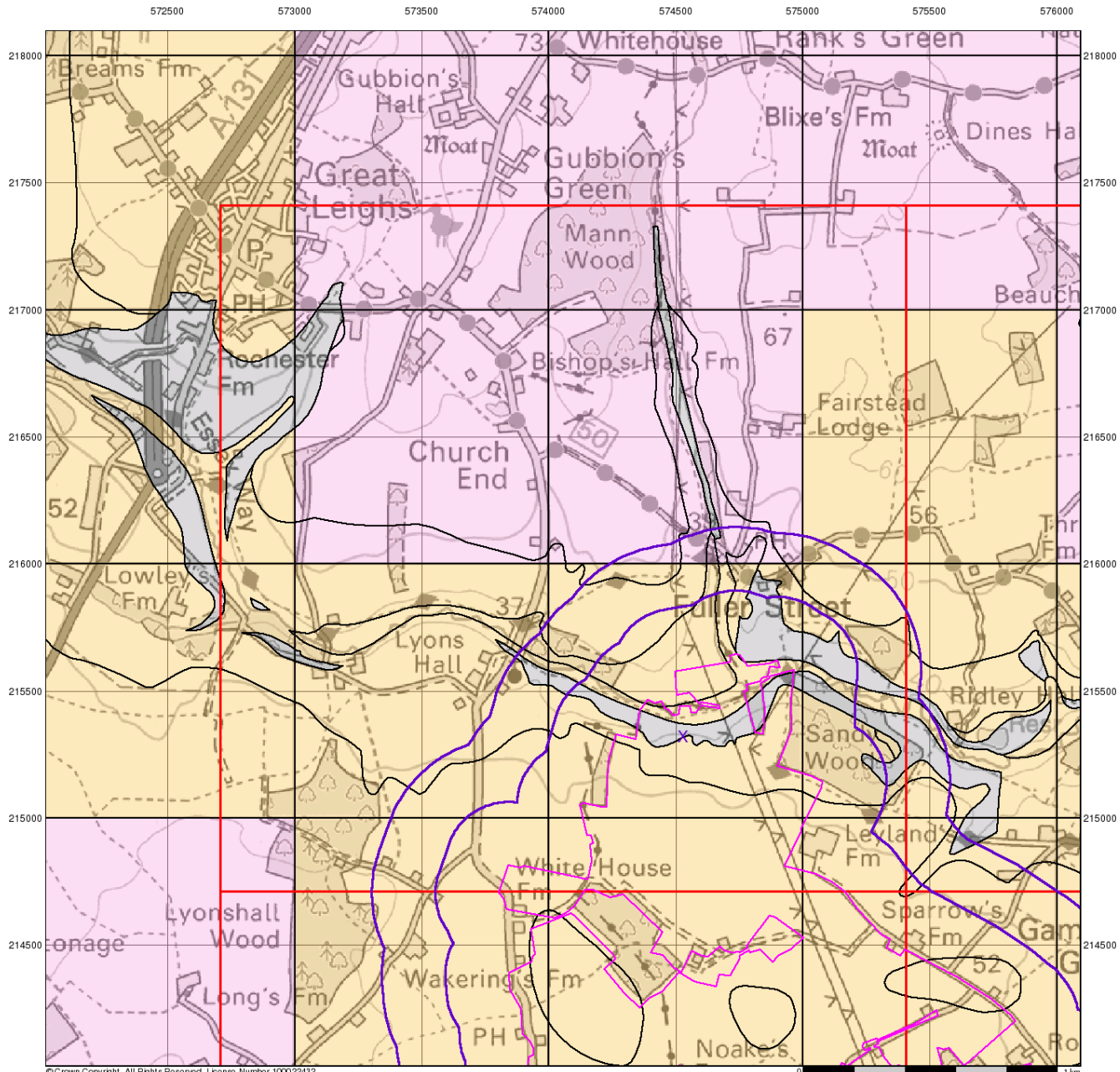
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Customer Ref:	60640215
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Slice:	D
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Groundwater Vulnerability

General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

Agency and Hydrological

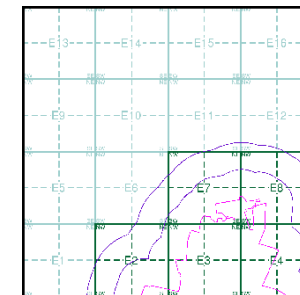
Bedrock Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer
- Unproductive Aquifer
- Soluble Rock

Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Site Sensitivity Context Map - Slice E



Order Details

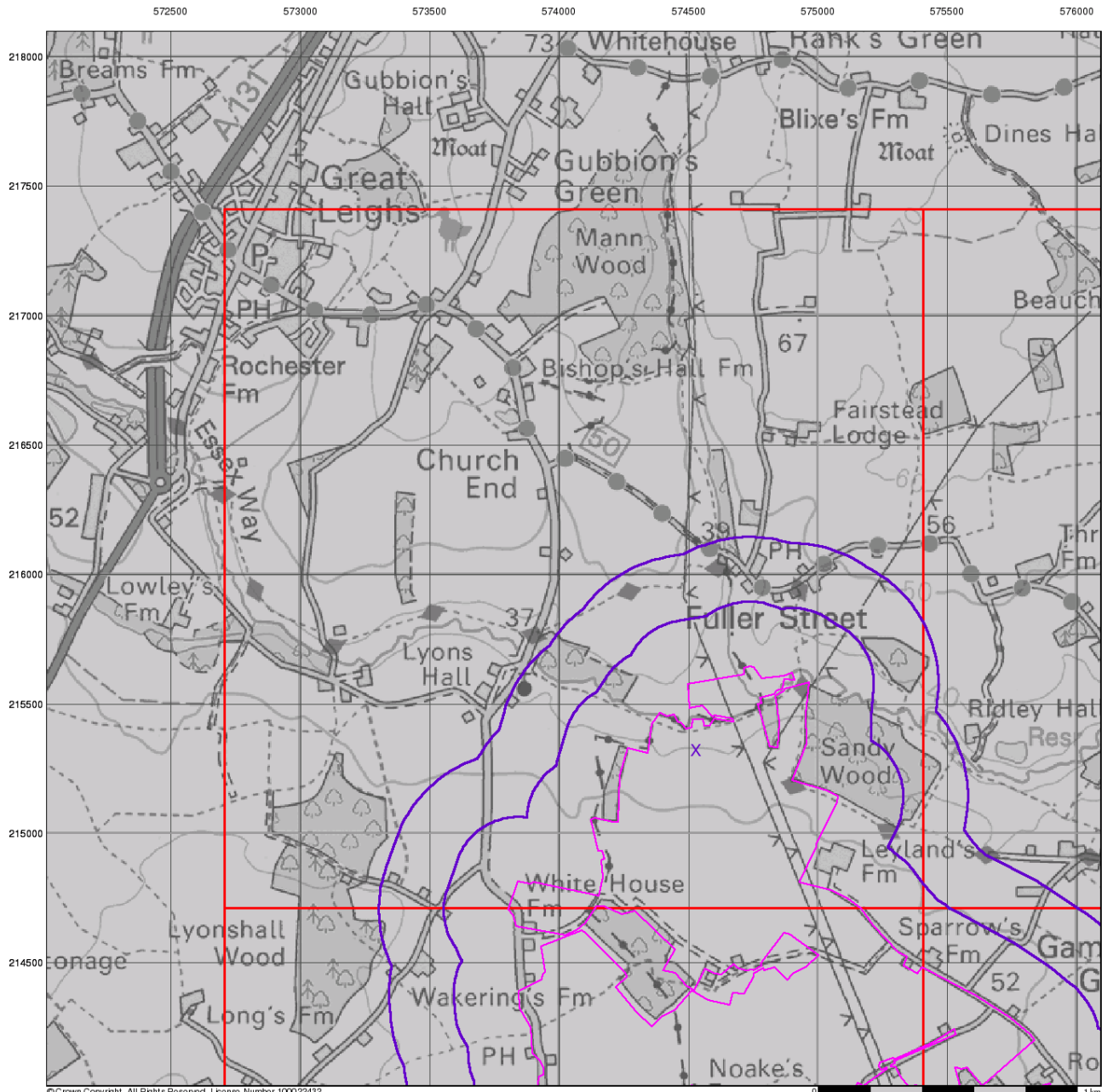
Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 574530, 215320
 Slice: E
 Site Area (Ha): 473.19
 Search Buffer (m): 500

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0 1 km

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Bedrock Aquifer Designation

General

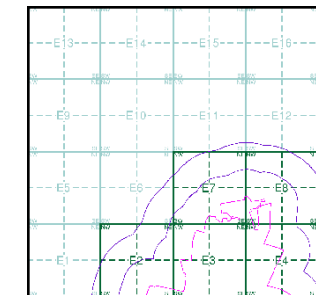
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice E



Order Details

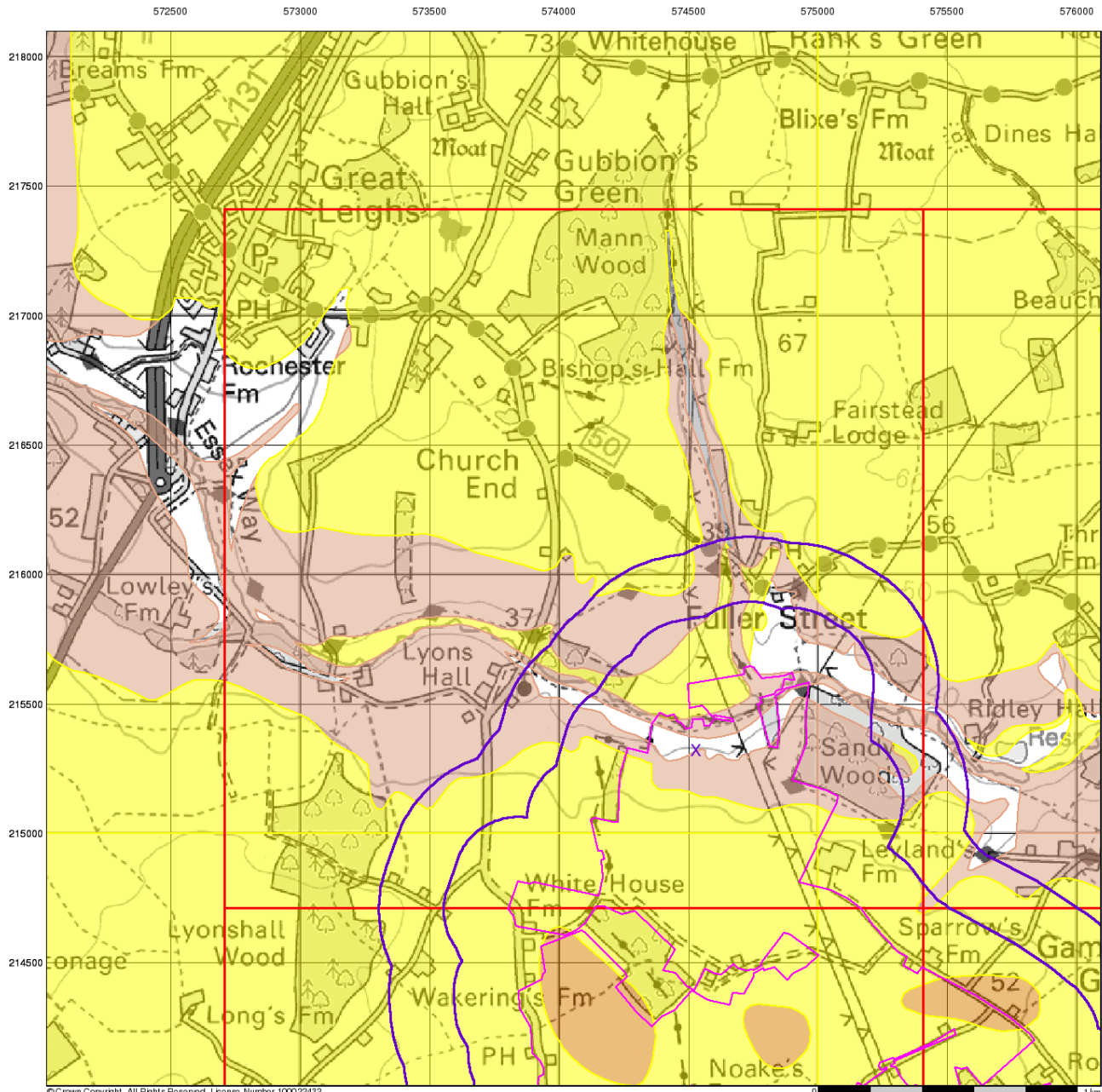
Order Number: 274546457_1_1
 Customer Ref: 60640215
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 Slice: E
 Site Area (Ha): 473.19
 Search Buffer (m): 500

Site Details

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Superficial Aquifer Designation

General

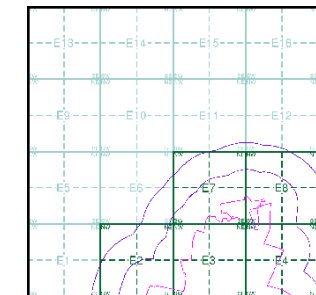
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice E



Order Details

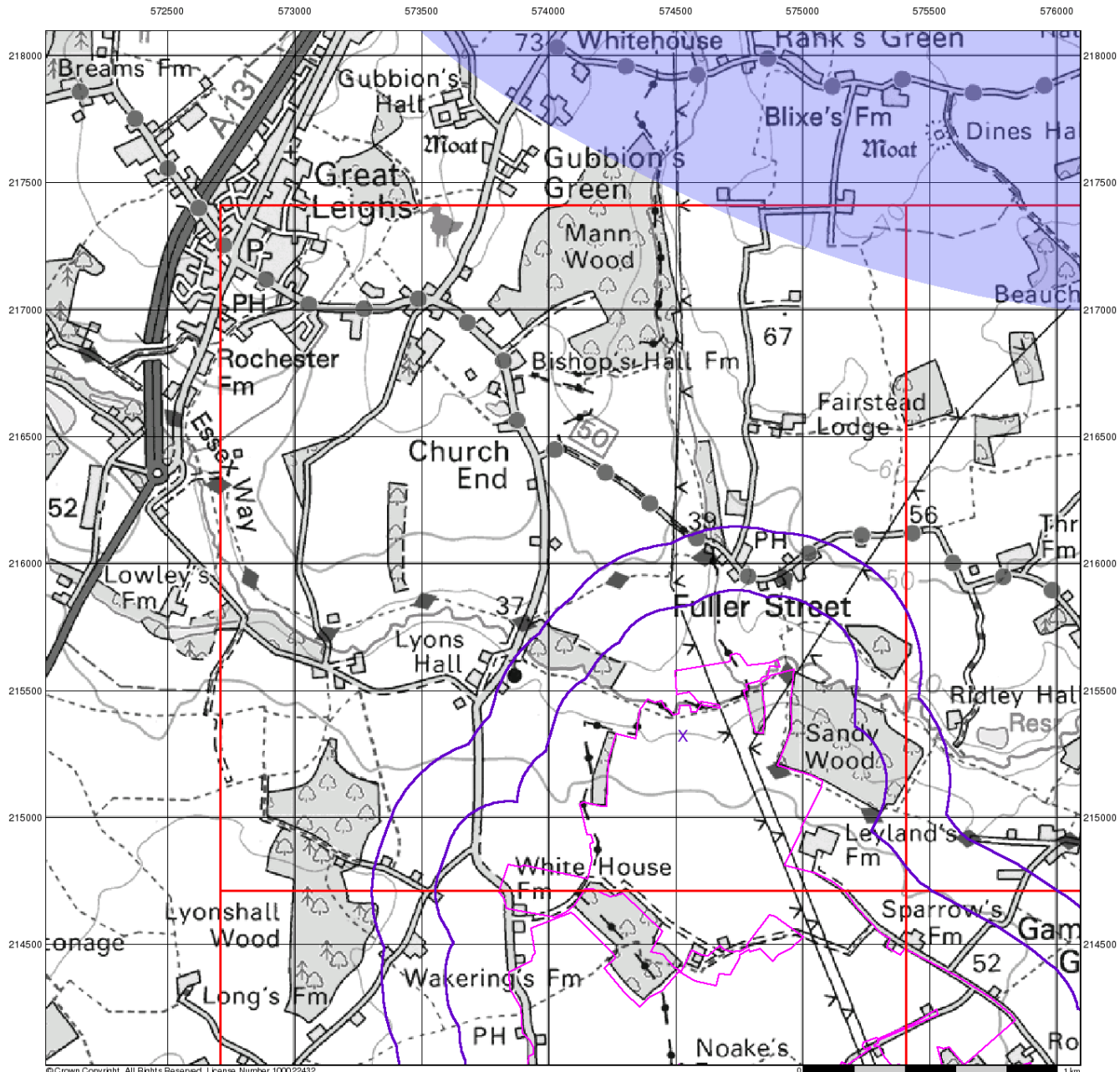
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Source Protection Zones

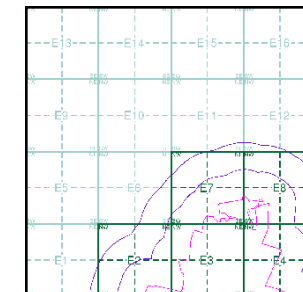
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice E



Order Details

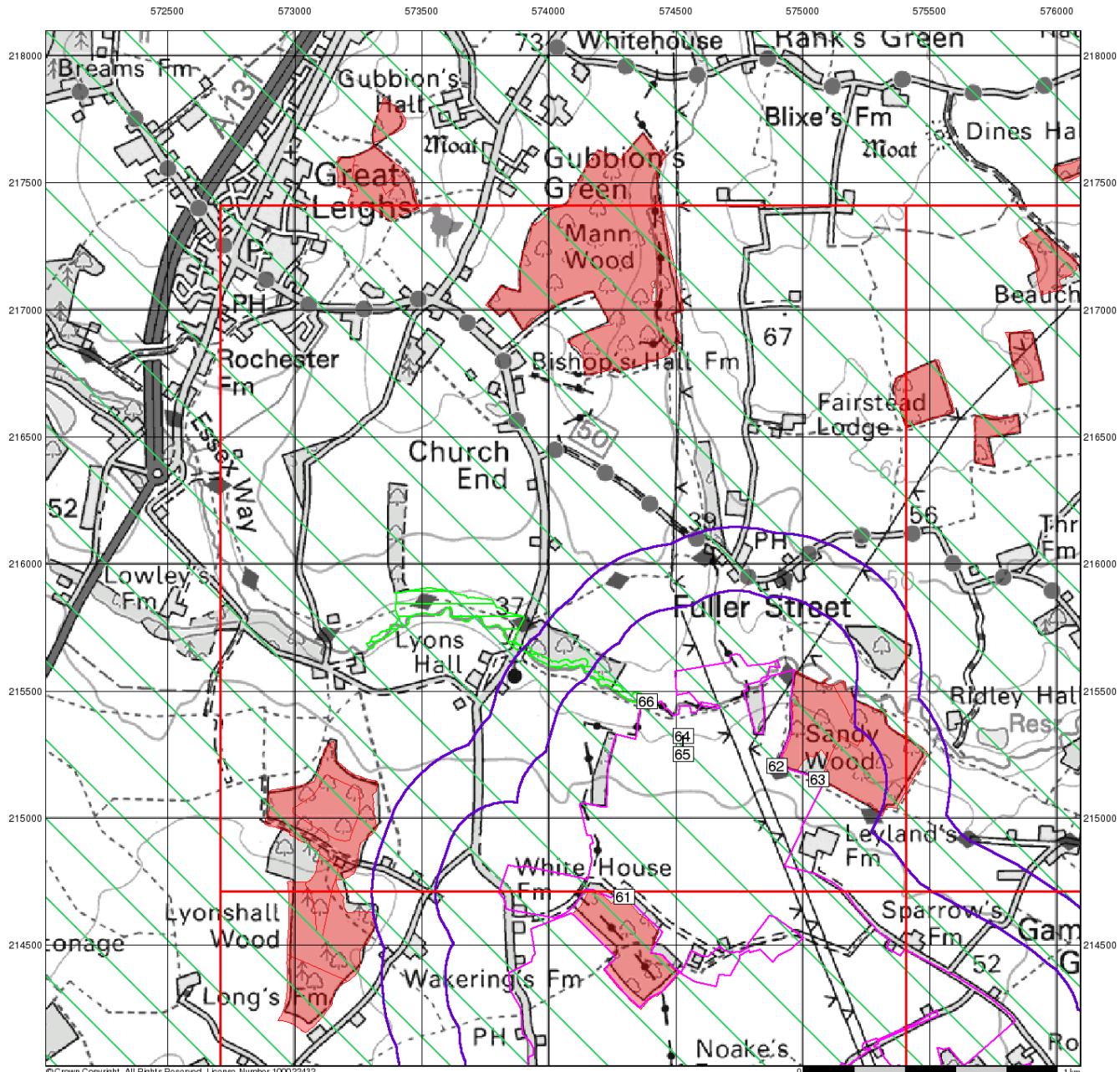
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 National Grid Reference: 574530, 215320
 Slice: E
 Site Area (Ha): 473.19
 Search Buffer (m): 500

Site Details

Longfield

Landmark[®]
 INFORMATION GROUP

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



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Sensitive Land Uses

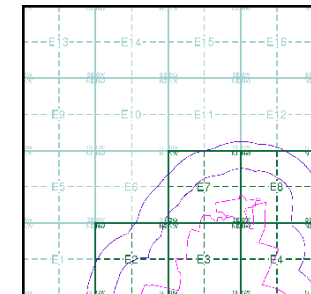
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice E



Order Details

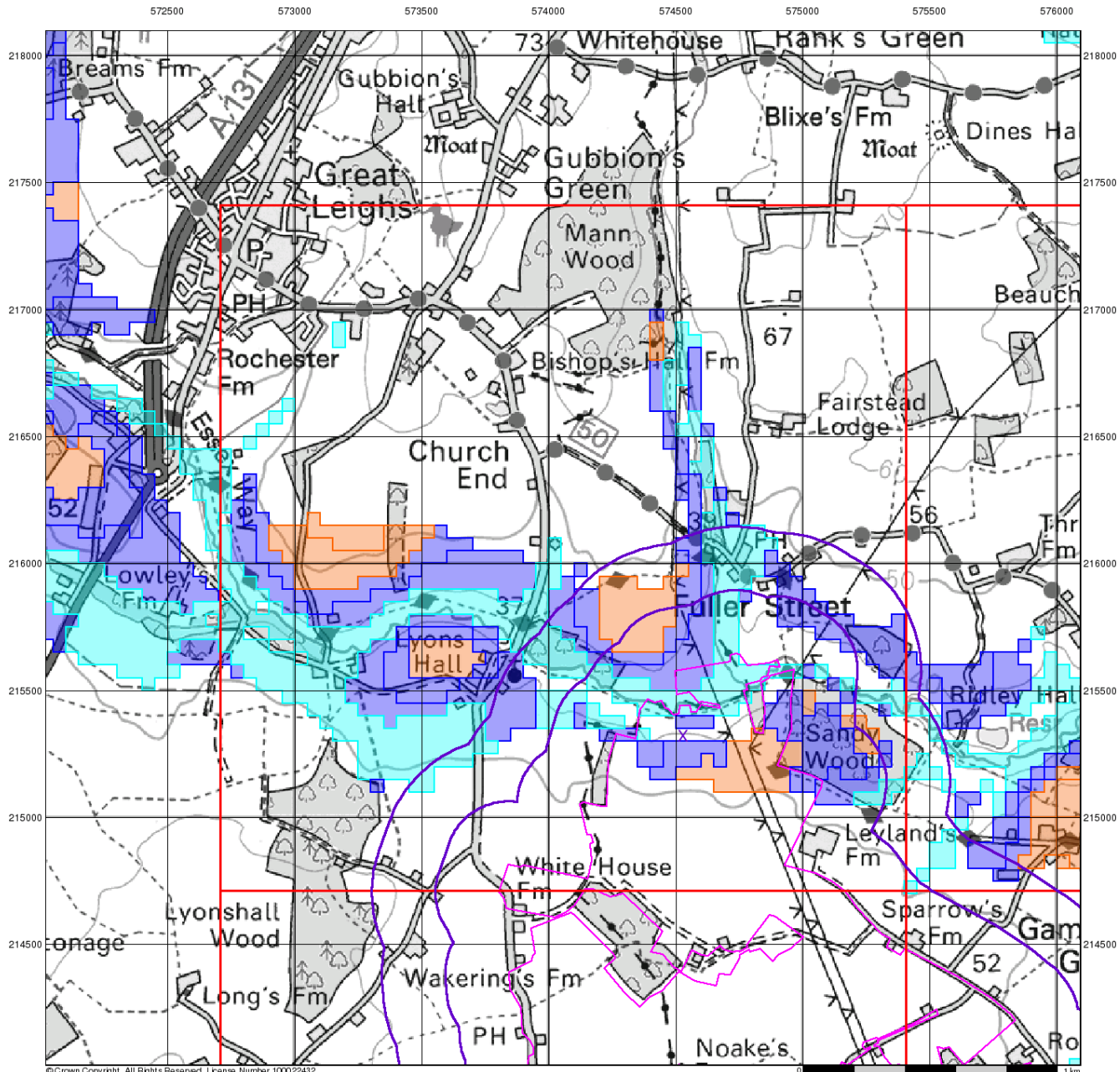
Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 574530, 215320
 Slice: E
 Site Area (Ha): 473.19
 Search Buffer (m): 500

Site Details

Longfield

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BGS Flood GFS Data

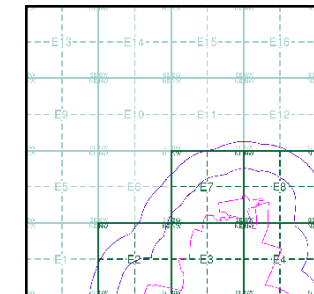
General

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

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice E



Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 574530, 215320
 Slice: E
 Site Area (Ha): 473.19
 Search Buffer (m): 500

Site Details

Longfield

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

274546457_1_1

Customer Reference:

60640215

National Grid Reference:

574530, 215320

Slice:

E

Site Area (Ha):

473.19

Search Buffer (m):

500

Site Details:

Longfield

Client Details:

MRS K Bruce

Aecom Infrastructure & Environment UK Ltd

2nd Floor, St Georges House

5 St Georges Road

London

SW19 4DR

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	17
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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/Natural Resources Wales 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 this 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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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes
Contaminated Land Register Entries and Notices				
Discharge Consents	pg 3		4	6
Prosecutions Relating to Controlled Waters			n/a	n/a
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				
Local Authority Pollution Prevention and Control Enforcements				
Nearest Surface Water Feature		Yes		
Pollution Incidents to Controlled Waters				
Prosecutions Relating to Authorised Processes				
Registered Radioactive Substances				
River Quality	pg 6	1		
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register				
Water Abstractions	pg 6	2		1
Water Industry Act Referrals				
Groundwater Vulnerability Map	pg 6	Yes	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a
Bedrock Aquifer Designations	pg 10	Yes	n/a	n/a
Superficial Aquifer Designations	pg 10	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences	pg 11	Yes		n/a
Flooding from Rivers or Sea without Defences	pg 11	Yes		n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
OS Water Network Lines	pg 11	4	7	32

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites				
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)				
Licensed Waste Management Facilities (Locations)				
Local Authority Landfill Coverage	pg 17	3	n/a	n/a
Local Authority Recorded Landfill Sites				
Potentially Infilled Land (Non-Water)				
Potentially Infilled Land (Water)				
Registered Landfill Sites				
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites				
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				

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Geological				
BGS 1:625,000 Solid Geology	pg 18	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 18	Yes	Yes	Yes
BGS Recorded Mineral Sites				
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
CBSCB Compensation District			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability			n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards	pg 19	Yes	Yes	n/a
Potential for Compressible Ground Stability Hazards	pg 19	Yes	Yes	n/a
Potential for Ground Dissolution Stability Hazards				n/a
Potential for Landslide Ground Stability Hazards	pg 20	Yes		n/a
Potential for Running Sand Ground Stability Hazards	pg 20	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 20	Yes	Yes	n/a
Radon Potential - Radon Affected Areas			n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a
Industrial Land Use				
Contemporary Trade Directory Entries	pg 22			2
Fuel Station Entries				
Points of Interest - Commercial Services	pg 22			2
Points of Interest - Education and Health				
Points of Interest - Manufacturing and Production	pg 22		3	1
Points of Interest - Public Infrastructure				
Points of Interest - Recreational and Environmental				
Gas Pipelines				
Underground Electrical Cables				

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Sensitive Land Use				
Ancient Woodland	pg 23	3		
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 23	2		
Ramsar Sites				
Sites of Special Scientific Interest	pg 23	1		
Special Areas of Conservation				
Special Protection Areas				
World Heritage Sites				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7SE (N)	0	1	574528 215500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E7SE (N)	0	1	574528 215400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	E3NE (SE)	0	1	574600 215250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E4NW (E)	0	1	574850 215350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E4NW (E)	0	1	574950 215200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E3NE (N)	0	1	574528 215350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E3NE (W)	0	1	574450 215300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E4NW (E)	0	1	575000 215322
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E4NW (E)	0	1	575050 215150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E3NE (S)	0	1	574528 215300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E3NW (W)	0	1	574350 215322
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E3NE (W)	0	1	574400 215322
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E3NW (W)	21	1	574300 215350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E8SW (NE)	36	1	575000 215550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	40	1	576050 214050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	E8SW (E)	43	1	575000 215400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7SE (N)	55	1	574450 215600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7SE (N)	74	1	574500 215650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E8SW (NE)	86	1	575050 215550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	E7SE (N)	90	1	574450 215650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E3NW (W)	118	1	574150 215350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E4NE (E)	127	1	575200 215100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E8NW (NE)	129	1	574900 215750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E8SE (E)	138	1	575100 215500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E8SE (E)	146	1	575100 215400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E8NW (NE)	147	1	575000 215750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	E4NE (E)	162	1	575150 215350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E7SW (W)	166	1	574150 215450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E4SE (SE)	174	1	575400 214750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E8SE (E)	188	1	575150 215500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E8SE (E)	193	1	575150 215450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7SW (NW)	194	1	574250 215600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E8NW (NE)	205	1	574750 215850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E4NE (E)	229	1	575300 215250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7SW (NW)	231	1	574250 215650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E8SE (E)	242	1	575200 215450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	245	1	575450 214800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E4NE (E)	246	1	575300 215300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7SW (NW)	302	1	574150 215650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E2NE (W)	310	1	573950 215350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SE)	316	1	575500 214900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	E4NE (E)	322	1	575400 215200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E8SE (E)	339	1	575300 215400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	E7NE (N)	353	1	574528 215950

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7NE (N)	379	1	574550 216000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(E)	396	1	575650 214900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	E7NE (N)	397	1	574528 216000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SE)	399	1	575750 214800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	450	1	575500 215322
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	472	1	575550 215150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	484	1	575550 215300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	490	1	575850 214850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(E)	492	1	575600 215000
1	Discharge Consents Operator: Braintree D.C. Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Fuller Street Stw, Fairstead, Essex Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr2nfe01854 Permit Version: 1 Effective Date: 6th April 1954 Issued Date: 6th April 1954 Revocation Date: 27th February 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Not Supplied Receiving Water: Not Supplied Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	E8SW (NE)	124	2	575000 215700
2	Discharge Consents Operator: Mr Mark Butcher Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Fuller Street Stw, Fairstead, Essex Authority: Environment Agency, Anglian Region Catchment Area: River Ter (Terling) Reference: Pr2nfe00278 Permit Version: 2 Effective Date: 8th March 1995 Issued Date: 8th March 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib River Ter Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	E8NW (NE)	198	2	575030 215770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p>Discharge Consents</p> <p>Operator: Braintree D.C. Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Fuller Street Stw, Fairstead, Essex Authority: Environment Agency, Anglian Region Catchment Area: River Ter (Terling) Reference: Pr2nfe00278 Permit Version: 1 Effective Date: 26th January 1978 Issued Date: 26th January 1978 Revocation Date: 7th March 1995 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Ter Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	E8NW (NE)	198	2	575030 215770
2	<p>Discharge Consents</p> <p>Operator: F.A.O.R T Smith Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Heybridge, Maldon, Essex Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr2nfe11169 Permit Version: 1 Effective Date: 15th July 1969 Issued Date: 15th July 1969 Revocation Date: 28th February 1992 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	E8NW (NE)	198	2	575030 215770
3	<p>Discharge Consents</p> <p>Operator: Mr & Mrs M Alden Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: The Old Stores Fuller Street, Fairstead, Chelmsford, Essex, Cm3 2az Authority: Environment Agency, Anglian Region Catchment Area: River Ter (Terling) Reference: Prenf20004 Permit Version: 1 Effective Date: 23rd June 2006 Issued Date: 23rd June 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Ditch Trib Of River Ter 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</p>	E7NE (N)	295	2	574730 215940
4	<p>Discharge Consents</p> <p>Operator: Mr & Mrs Cockburn Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Herons Fuller Street, Fuller Street, Great Leighs, Essex, Cm3 1bb Authority: Environment Agency, Anglian Region Catchment Area: River Ter (Terling) Reference: Prenf15804 Permit Version: 1 Effective Date: 2nd July 2003 Issued Date: 2nd July 2003 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of The River Ter 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</p>	E8NW (N)	311	2	574738 215956

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Philip And Susan Webb Property Type: Domestic Property (Single) Location: Lichfield House Fuller Street, Fairstead, Chelmsford, Essex, Cm3 2az Authority: Environment Agency, Anglian Region Catchment Area: River Ter (Terling) Reference: Npswqd009939 Permit Version: 1 Effective Date: 9th December 2009 Issued Date: 9th December 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of River Ter 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</p>	E8NW (N)	318	2	574769 215962
5	<p>Discharge Consents</p> <p>Operator: Tritton Family Trustees Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Lyons Hall Estate 1-4 Daisleys Lane, Great Leighs, Chelmsford, Essex, Cm3 3nq Authority: Environment Agency, Anglian Region Catchment Area: River Ter (Terling) Reference: Prenf13709 Permit Version: 1 Effective Date: 19th July 2001 Issued Date: 13th September 2001 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary River Ter Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m</p>	E2SW (SW)	354	2	573450 214730
6	<p>Discharge Consents</p> <p>Operator: A G Tritton Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Church Cottage, Gt. Leighs, Essex Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr2nfa2167 Permit Version: 1 Effective Date: 2nd January 1900 Issued Date: 2nd January 1900 Revocation Date: 20th June 1991 Discharge Type: Unknown Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	E6SE (W)	449	2	573860 215520
7	<p>Discharge Consents</p> <p>Operator: A G Tritton Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Lyons Hall Farm Buildings, Gt. Leighs, Essex Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr2nfa2156 Permit Version: 1 Effective Date: 2nd January 1900 Issued Date: 2nd January 1900 Revocation Date: 20th June 1991 Discharge Type: Unknown Discharge: Not Supplied Environment: Receiving Water: Not Supplied Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	E6SE (W)	463	2	573820 215450
	<p>Nearest Surface Water Feature</p>	E8SW (NE)	0	-	574740 215470

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Ter GQA Grade: River Quality A Reach: Gt Leighs Stw...Hatfield Peverel Stw Estimated Distance (km): 13.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	E7SE (N)	0	2	574585 215543
8	Water Abstractions Operator: Lord Rayleigh'S Farms Ltd Licence Number: 8/37/38/*S/0012 Permit Version: 100 Location: River Ter At Terling Authority: Environment Agency, Anglian 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: Status: Perpetuity Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 1st April 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	E7SE (NE)	0	2	574600 215400
9	Water Abstractions Operator: Lowleys Farms Licence Number: 8/37/38/**/030 Permit Version: Not Supplied Location: Reservoir Fed By Straw Brook Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 23 Yearly Rate (m3): 1410000 Details: Not Supplied 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	E7SE (N)	0	2	574500 215395
10	Water Abstractions Operator: Lord Rayleigh's Farms Ltd Licence Number: 8/37/38/**/017 Permit Version: Not Supplied Location: Ridley Hall, TERLING Authority: Environment Agency, Anglian Region Abstraction: Spray Irrigation Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 341 Yearly Rate (m3): 1590000 Details: Status: Perpetuity 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 10m	E8SE (E)	339	2	575300 215400
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Mixed Dilution: <300 mm/year Baseflow Index: >70% Superficial: <90% Patchiness: Superficial Superficial Thickness: 3-10m Superficial Recharge: Low	E4NW (E)	0	3	575000 215322

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Mixed</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	E2SE (SW)	0	3	574000 215000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Mixed</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(SW)	0	3	574000 214638
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Mixed</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	E3SE (S)	0	3	574528 215000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Mixed</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(S)	0	3	574741 214334

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Mixed</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: Low</p>	(SW)	0	3	574045 214619
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Mixed</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: High</p>	E4SW (SE)	0	3	575000 215000
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Mixed</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: >10m</p> <p>Superficial Recharge: High</p>	(SE)	0	3	575336 214380
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Mixed</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	E7SE (N)	0	3	574504 215444

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Mixed</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	E3NE (S)	0	3	574498 215160
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Mixed</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	E3NE (N)	0	3	574531 215370
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Mixed</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: >90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	E3NE (SE)	0	3	574531 215317
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: Intermediate</p> <p>Bedrock Flow: Mixed</p> <p>Dilution: <300 mm/year</p> <p>Baseflow Index: >70%</p> <p>Superficial Patchiness: <90%</p> <p>Superficial Thickness: 3-10m</p> <p>Superficial Recharge: Low</p>	E4NW (SE)	0	3	575000 215104

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Mixed Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: Low	E8SW (NE)	0	3	574762 215622
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Mixed Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: Low	E3NE (S)	0	3	574528 215322
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	E3NE (S)	0	3	574528 215322
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	E4NW (E)	0	3	575000 215322
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	E3SE (S)	0	3	574528 215000
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	E4SW (SE)	0	3	575000 215000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	E3SE (S)	0	3	574528 215000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	E4SW (SE)	0	3	575000 215000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	E4SE (SE)	0	3	575390 214731
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	E3NE (S)	0	3	574498 215160
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	E4NW (SE)	0	3	575000 215104
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	E7SE (N)	0	3	574504 215444
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	E4NW (E)	0	3	575000 215322
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	E3NE (SE)	0	3	574531 215317

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(S)	0	3	574741 214334
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(SE)	0	3	575336 214380
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - B	(SW)	0	3	574045 214619
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	E7SE (N)	0	2	574528 215420
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	E7SE (N)	0	2	574528 215425
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 573.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ter Catchment Name: Chelmer Primacy: 1	E7SE (N)	0	4	574500 215408
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E8SW (NE)	0	4	574783 215519
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E8SW (NE)	0	4	574781 215525
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 442.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E8SW (NE)	0	4	574778 215528
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 506.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ter Catchment Name: Chelmer Primacy: 1	E8SW (NE)	1	4	574786 215518
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 364.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E4NE (E)	5	4	575084 215152

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E3NW (W)	21	4	574329 215383
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 381.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ter Catchment Name: Chelmer Primacy: 1	E7SW (NW)	43	4	574341 215470
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 342.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ter Catchment Name: Chelmer Primacy: 1	E8SE (E)	129	4	575090 215537
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E8SE (E)	151	4	575113 215556
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 272.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E2NE (W)	212	4	574051 215356
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 263.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E8SE (NE)	257	4	575179 215721
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 290.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E4NE (E)	275	4	575353 215137
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E7NE (N)	284	4	574667 215920
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 182.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E7NE (N)	288	4	574667 215929

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E7NE (N)	290	4	574667 215926
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 237.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E8NE (NE)	291	4	575207 215741
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 123.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E7NE (N)	293	4	574667 215929
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ter Catchment Name: Chelmer Primacy: 1	E7SW (NW)	346	4	574069 215614
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E7SW (NW)	346	4	574069 215614
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ter Catchment Name: Chelmer Primacy: 1	E7SW (NW)	347	4	574068 215613
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 69.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E4NE (E)	348	4	575332 215381
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 235.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E8NE (NE)	351	4	575276 215742
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E7SW (NW)	355	4	574072 215629

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E7SW (NW)	355	4	574072 215629
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ter Catchment Name: Chelmer Primacy: 1	E8SE (E)	371	4	575326 215468
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ter Catchment Name: Chelmer Primacy: 1	E8SE (E)	372	4	575328 215469
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E8SE (E)	378	4	575334 215421
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E8NW (N)	382	4	574795 216023
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E8NW (N)	382	4	574795 216023
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ter Catchment Name: Chelmer Primacy: 1	E8SE (E)	392	4	575348 215482
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E8SE (E)	392	4	575348 215482
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 55.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E8SE (E)	392	4	575349 215485

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E8SE (E)	399	4	575361 215538
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 181.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E7NE (N)	403	4	574685 216045
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E7NE (N)	403	4	574685 216045
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ter Catchment Name: Chelmer Primacy: 1	E8SE (E)	415	4	575394 215412
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 122.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ter Catchment Name: Chelmer Primacy: 1	E8SE (E)	415	4	575394 215412
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 159.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E6SE (NW)	421	4	573962 215632
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Ter Catchment Name: Chelmer Primacy: 1	E6SE (NW)	429	4	573962 215632
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E12SW (N)	472	4	574821 216110
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E12SW (N)	472	4	574821 216110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Chelmer Primacy: 1	E12SW (N)	492	4	574855 216124

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Chelmsford Borough Council - Has no landfill data to supply		0	5	574497 215405
	Local Authority Landfill Coverage Name: Braintree District Council - Has no landfill data to supply		0	7	574528 215322
	Local Authority Landfill Coverage Name: Essex County Council - Has supplied landfill data		0	6	574528 215322

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	E3NE (S)	0	1	574528 215322
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	E4SE (SE)	0	1	575390 214731
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	E3NE (S)	0	1	574498 215160
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	E3NE (S)	0	1	574528 215322
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	E8NW (NE)	141	1	574761 215785
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	E4NE (E)	276	1	575286 215351
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	E8NW (NE)	278	1	575026 215877

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: Rural Soil Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	E7NE (N)	350	1	574434 215919
	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 No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574528 215322
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E4NW (E)	0	1	575000 215322
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3SE (S)	0	1	574528 215000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E4SW (SE)	0	1	575000 215000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NE (N)	0	1	574531 215370
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E8SW (NE)	36	1	575000 215577
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E8SW (NE)	50	1	575000 215616
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NE (N)	0	1	574531 215370
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574528 215322
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E4NW (E)	0	1	575000 215322
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E4SW (SE)	0	1	575000 215000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3SE (S)	0	1	574528 215000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E8SW (NE)	36	1	575000 215577
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E8SW (NE)	50	1	575000 215616

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3SE (S)	0	1	574528 215000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E4SW (SE)	0	1	575000 215000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574528 215322
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E4NW (E)	0	1	575000 215322
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3SE (S)	0	1	574528 215000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E4SW (SE)	0	1	575000 215000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574528 215322
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E4NW (E)	0	1	575000 215322
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E3NE (N)	0	1	574531 215370
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574528 215322
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E4NW (E)	0	1	575000 215322
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3SE (S)	0	1	574528 215000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E4SW (SE)	0	1	575000 215000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E8SW (NE)	36	1	575000 215577
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E8SW (NE)	50	1	575000 215616
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E8SE (NE)	204	1	575148 215669
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574498 215160
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E4NW (SE)	0	1	575000 215104
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E3SE (S)	0	1	574528 215000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E4SW (SE)	0	1	575000 215000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E4SE (E)	0	1	575350 215000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574528 215322
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574534 215206
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E4NW (E)	0	1	575000 215241
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E4NW (E)	32	1	575000 215322
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E7SE (NW)	98	1	574399 215613
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E7SW (NW)	136	1	574354 215635
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E4SE (SE)	160	1	575390 214731
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NW (W)	183	1	574080 215342
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574528 215322
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	E4NW (E)	0	1	575002 215322
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	E3SE (S)	0	1	574528 215000
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	E4SW (SE)	0	1	575002 215000
	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	E3NE (S)	0	1	574528 215322
	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	E4NW (E)	0	1	575002 215322
	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	E3SE (S)	0	1	574528 215000
	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	E4SW (SE)	0	1	575002 215000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	<p>Contemporary Trade Directory Entries</p> <p>Name: Hillside Motors Location: Fuller Street, Fairstead, Chelmsford, CM3 2AY Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	E8NW (NE)	271	-	574830 215901
55	<p>Contemporary Trade Directory Entries</p> <p>Name: Industrial Spray Wash Ltd Location: 9, White Cottages, Fuller Street, Fairstead, CHELMSFORD, CM3 2AY Classification: Machinery - Industrial & Commercial Status: Active Positional Accuracy: Automatically positioned to the address</p>	E8NW (NE)	374	-	574971 215988
56	<p>Points of Interest - Commercial Services</p> <p>Name: Hillside Motors Location: Fuller Street, Fairstead, Chelmsford, CM3 2AY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location</p>	E8NW (NE)	271	8	574830 215901
57	<p>Points of Interest - Commercial Services</p> <p>Name: Hillside Motors Location: Fuller Street, Fairstead, Chelmsford, CM3 2AY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location</p>	E8NW (NE)	405	8	574967 216020
58	<p>Points of Interest - Manufacturing and Production</p> <p>Name: Tanks Location: CM3 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location</p>	E4SW (SE)	14	8	574986 214899
59	<p>Points of Interest - Manufacturing and Production</p> <p>Name: Tank Location: CM3 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location</p>	E4SW (SE)	65	8	575040 214850
59	<p>Points of Interest - Manufacturing and Production</p> <p>Name: Lord Rayleighs Farms Ltd Location: Leylands Farm, Terling, Chelmsford, CM3 2QY Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location</p>	E4SE (SE)	103	8	575096 214873
60	<p>Points of Interest - Manufacturing and Production</p> <p>Name: Tank Location: CM3 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location</p>	E8SE (E)	293	8	575257 215567

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	Ancient Woodland Name: Scarletts Wood Reference: 1116676 Area(m ²): 89794.32 Type: Ancient and Semi-Natural Woodland	(S)	0	9	574297 214691
62	Ancient Woodland Name: Sandy Wood Reference: 1116677 Area(m ²): 69350.49 Type: Ancient and Semi-Natural Woodland	E4NW (E)	0	9	574898 215204
63	Ancient Woodland Name: Sandy Wood Reference: 1116677 Area(m ²): 105767.72 Type: Plantation on Ancient Woodland	E4NW (E)	0	9	575062 215152
64	Nitrate Vulnerable Zones Name: Sandlings And Chelmsford Description: Groundwater Source: Environment Agency, Head Office	E3NE (S)	0	3	574528 215322
65	Nitrate Vulnerable Zones Name: River Chelmer Nvz Description: Surface Water Source: Environment Agency, Head Office	E3NE (S)	0	3	574528 215322
66	Sites of Special Scientific Interest Name: River Ter Multiple Areas: N Total Area (m2): 64063.41 Source: Natural England Reference: 2000058 Designation Details: Geological Conservation Review Designation Date: 8th March 1994 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 8th March 1994 Date Type: Notified	E7SW (NW)	0	9	574385 215460

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Braintree District Council - Environmental Health Department Environment Agency - Head Office Chelmsford Borough Council - Environmental Health Department	January 2020 June 2020 March 2015	Annual Rolling Update Annually Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region	January 2021	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - Anglian Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - Anglian Region	January 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control Braintree District Council - Environmental Health Department Chelmsford Borough Council - Environmental Health Department	August 2014 October 2014	Variable Variable
Local Authority Pollution Prevention and Controls Braintree District Council - Environmental Health Department Chelmsford Borough Council - Environmental Health Department	August 2014 October 2014	Not Applicable Not Applicable
Local Authority Pollution Prevention and Control Enforcements Braintree District Council - Environmental Health Department Chelmsford Borough Council - Environmental Health Department	August 2014 October 2014	Variable Variable
Nearest Surface Water Feature Ordnance Survey	October 2020	
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - Anglian Region	June 2016	
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 - Anglian Region - Eastern Area	January 2021	Quarterly
Water Abstractions Environment Agency - Anglian Region	January 2021	Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	October 2019	Quarterly












Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	September 2020	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	September 2020	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	September 2020	Quarterly
Flood Defences Environment Agency - Head Office	September 2020	Quarterly
OS Water Network Lines Ordnance Survey	September 2020	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Eastern Area	January 2021	Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Eastern Area	January 2021	Quarterly
Local Authority Landfill Coverage Braintree District Council Chelmsford Borough Council - Environmental Health Department Essex County Council	May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Braintree District Council Chelmsford Borough Council - Environmental Health Department Essex County Council	May 2000 May 2000 November 2004	Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - Anglian Region - Eastern Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Eastern Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Eastern Area	March 2003	Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Braintree District Council Chelmsford Borough Council Essex County Council	February 2016 February 2016 February 2016	Variable Variable Variable
Planning Hazardous Substance Consents Braintree District Council Chelmsford Borough Council Essex County Council	February 2016 February 2016 February 2016	Variable Variable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2020	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2021	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2021	Quarterly
Gas Pipelines National Grid	January 2021	
Points of Interest - Commercial Services PointX	March 2021	Quarterly
Points of Interest - Education and Health PointX	March 2021	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2021	Quarterly
Points of Interest - Public Infrastructure PointX	March 2021	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2021	Quarterly
Underground Electrical Cables National Grid	December 2020	

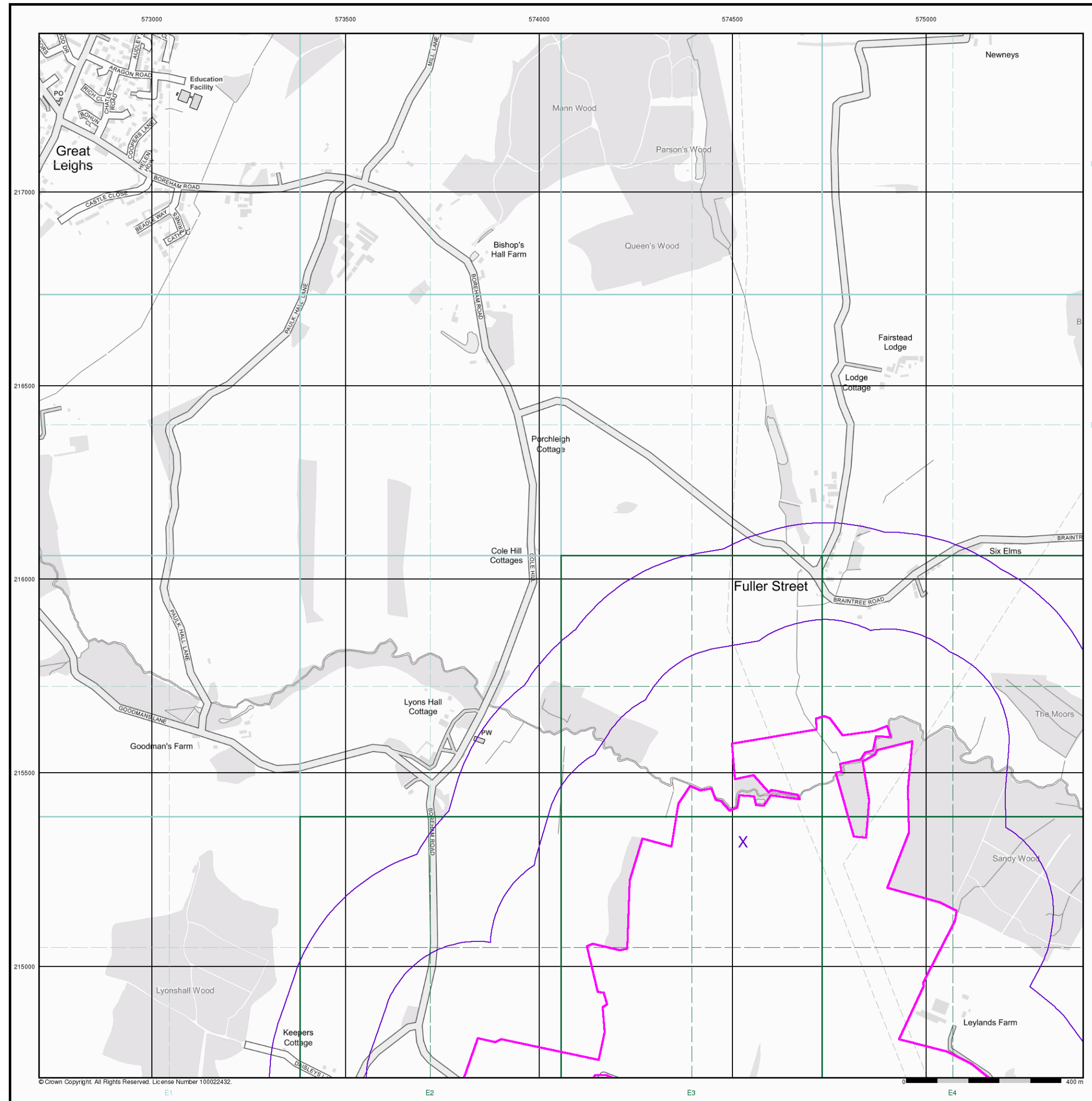
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt Braintree District Council Chelmsford Borough Council	June 2020 June 2020	As notified As notified
Areas of Unadopted Green Belt Braintree District Council Chelmsford Borough Council	June 2020 June 2020	As notified As notified
Areas of Outstanding Natural Beauty Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	February 2021	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	January 2021	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest Natural England	February 2021	Bi-Annually
Special Areas of Conservation Natural England	July 2020	Bi-Annually
Special Protection Areas Natural England	February 2021	Bi-Annually

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	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Chelmsford Borough Council - Environmental Health Department Coval Lane, Chelmsford, Essex, CM1 1TJ	Telephone: 01245 606606 Fax: 01245 606606 Email: Environmental.services@chelmsfordbc.gov.uk Website: www.chelmsfordbc.gov.uk
6	Essex County Council County Hall, Chelmsford, Essex, CM1 1YS	Telephone: 01245 492211 Website: www.essexcc.gov.uk
7	Braintree District Council Causway House, Braintree, Essex, CM7 9HB	Telephone: 01376 552525 Fax: 01376 552626 Website: www.braintree.gov.uk
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



Historical Land Use Information (1:10,000)

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

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

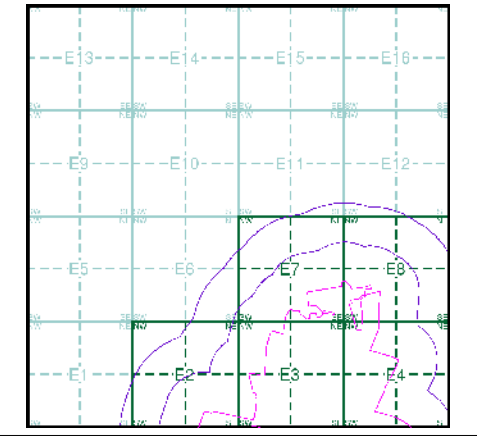
	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

Historical Land Use

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Former Marsh			

- ### Mining Data
- Potential Mining Area
 - BGS Recorded Mineral Site

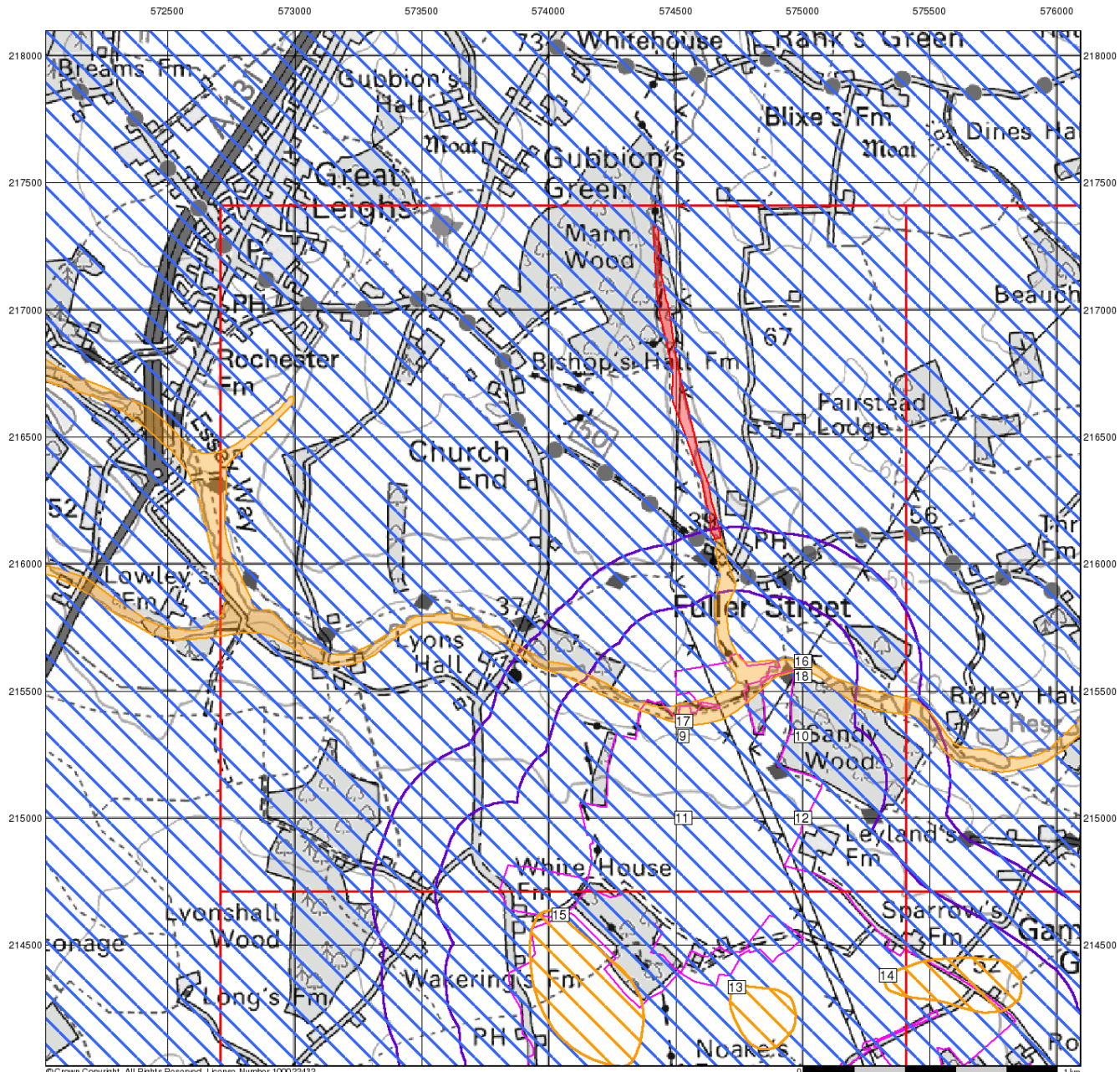
Mining and Ground Stability - Slice E



Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 574530, 215320
 Slice: E
 Site Area (Ha): 473.19
 Search Buffer (m): 500

Site Details
 Longfield



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Ground Stability Data (1:50,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Potential for Compressible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

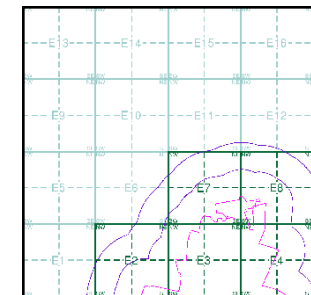
Potential for Collapsible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Brine Pumping and Salt Mining

- | | Point | Polygon |
|-------------------------------|-------|---------|
| Brine Pumping Related Feature | | |
| Salt Mining Related Feature | | |

Mining and Ground Stability - Slice E



Order Details

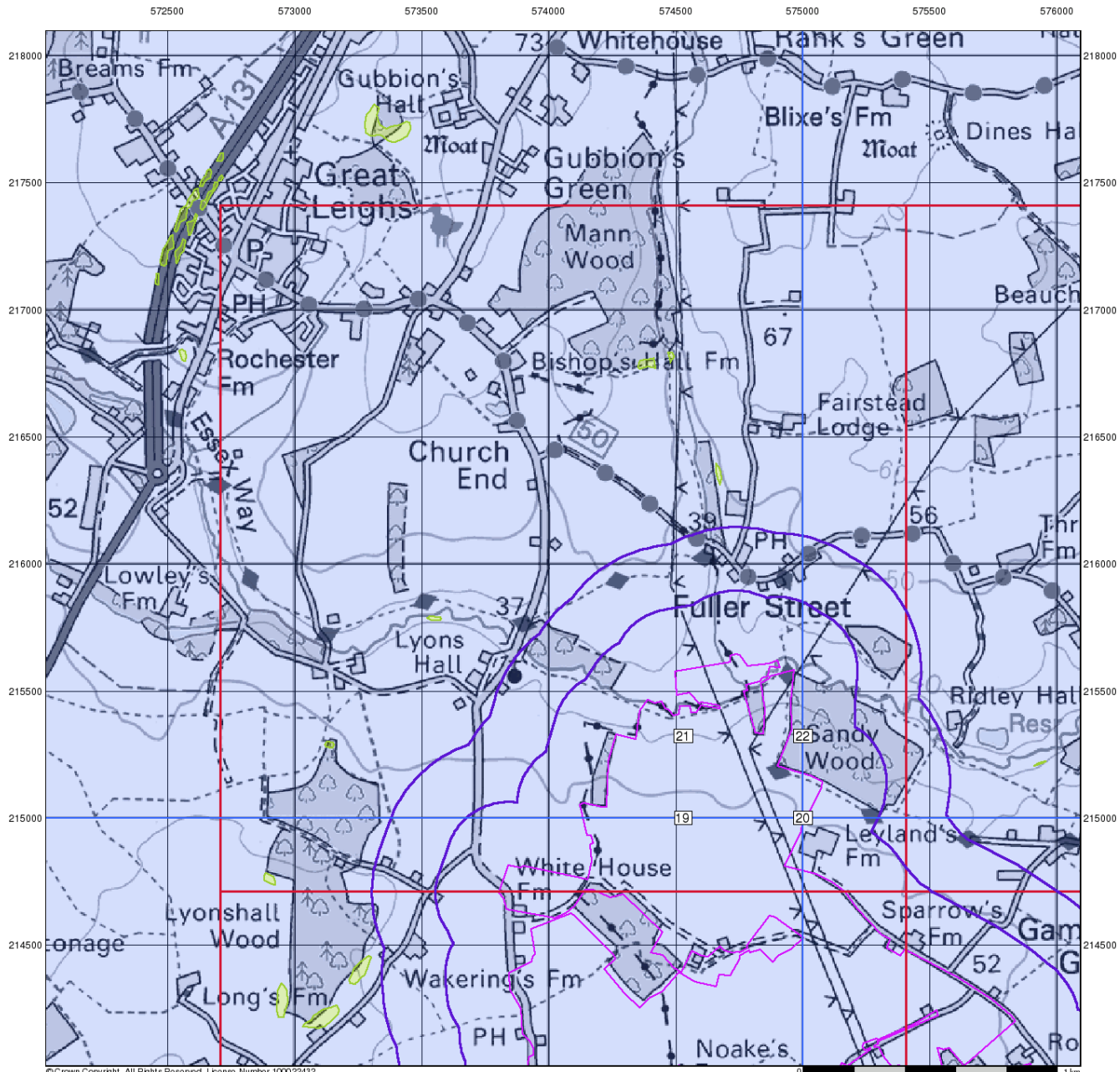
Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 574530, 215320
 Slice: E
 Site Area (Ha): 473.19
 Search Buffer (m): 500

Site Details

Longfield

Landmark
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Ground Stability Data (1:50,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

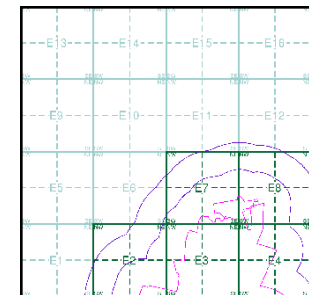
Potential for Landslide Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Potential for Ground Dissolution Stability Hazards

- High
- Low
- Moderate
- Very Low

Mining and Ground Stability - Slice E



Order Details

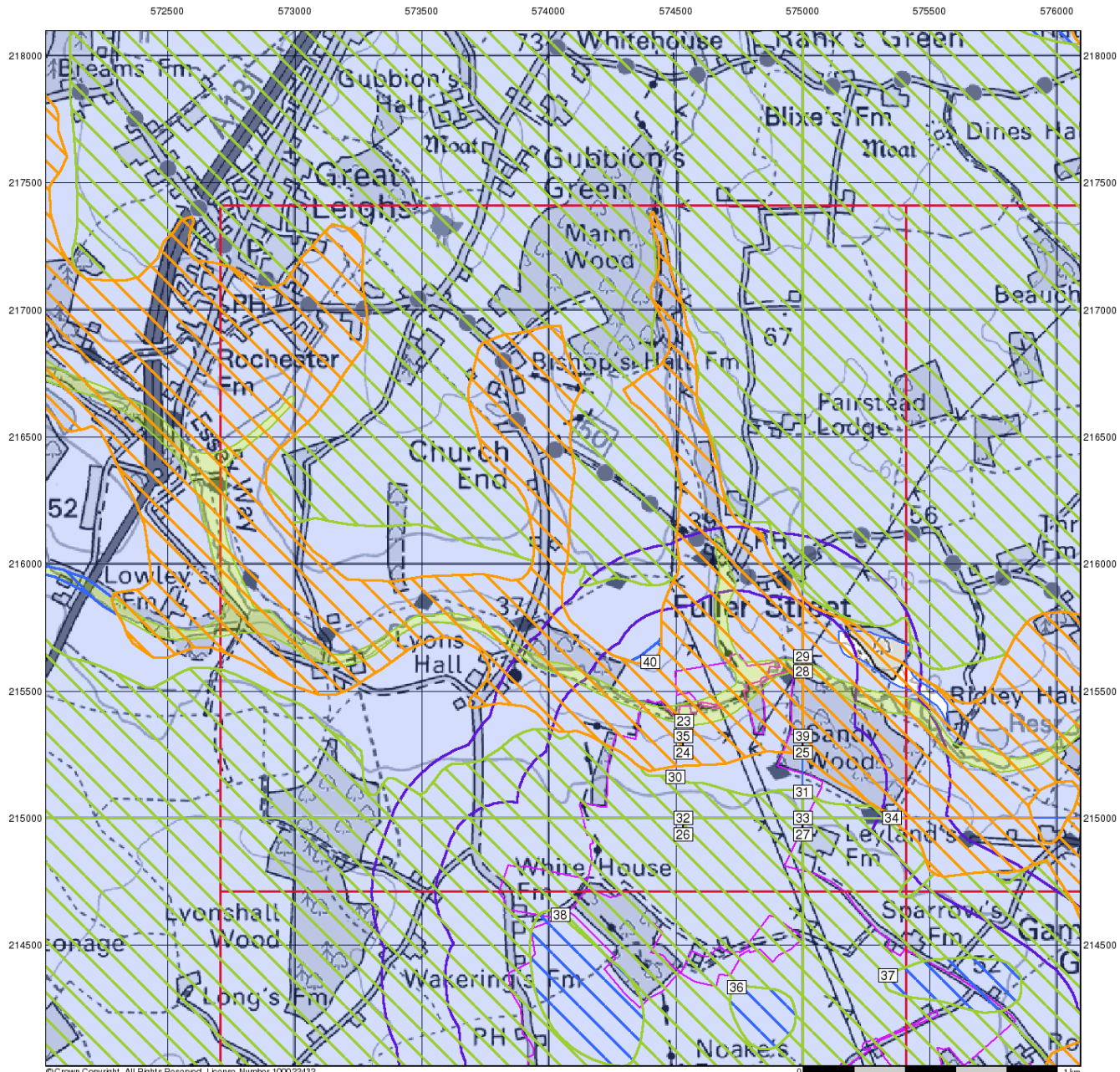
Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 574530, 215320
 Slice: E
 Site Area (Ha): 473.19
 Search Buffer (m): 500

Site Details

Longfield

Landmark[®]
 LANDMARK INFORMATION GROUP

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







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Ground Stability Data (1:50,000)

General

-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point
-  Slice
-  Map ID

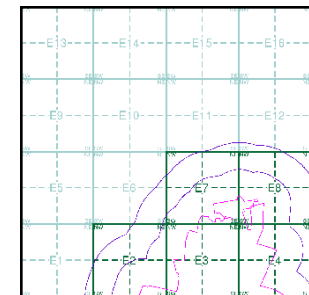
Potential for Running Sand Ground Stability Hazards

-  High
-  Low
-  Moderate
-  Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

-  High
-  Low
-  Moderate
-  Very Low

Mining and Ground Stability - Slice E



Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 574530, 215320
 Slice: E
 Site Area (Ha): 473.19
 Search Buffer (m): 500

Site Details

Longfield

Landmark
 INFORMATION GROUP

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

Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

274546457_1_1

Customer Reference:

60640215

National Grid Reference:

574530, 215320

Slice:

E

Site Area (Ha):

473.19

Search Buffer (m):

500

Site Details:

Longfield

Client Details:

MRS K Bruce

Aecom Infrastructure & Environment UK Ltd

2nd Floor, St Georges House

5 St Georges Road

London

SW19 4DR

Report Section and Details	Page Number
Summary	-
<p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected.</p> <p>For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).</p>	
Mining and Natural Cavities Data	-
<p>The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities.</p> <p>Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.</p>	
Historical Land Use Information (1:2,500)	1
<p>The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative.</p> <p>For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.</p>	
Historical Land Use Information (1:10,000)	-
<p>The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses.</p> <p>For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.</p>	
Ground Stability Data (1:50,000)	2
<p>The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.</p>	
Historical Map List	5
<p>The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.</p>	
Data Currency	6
Data Suppliers	7
Useful Contacts	8

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

The Mining Instability data was obtained on licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m
Mining and Natural Cavities Data				
BGS Recorded Mineral Sites				
Coal Mining Affected Areas			n/a	n/a
Man Made Mining Cavities				
Mining Instability			n/a	n/a
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential Mining Areas				
Historical Land Use Information (1:2,500)				
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)				n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)				n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 1	4	4	n/a
Subterranean Features (100m)				n/a
Historical Land Use Information (1:10,000)				
Air Shafts				
Disturbed Ground				
General Quarrying				
Heap, unknown constituents				
Mineral Railway				
Mining & quarrying general				
Mining of coal & lignite				
Quarrying of sand & clay, operation of sand & gravel pits				
Former Marshes				
Potentially Infilled Land (Non-Water)				
Potentially Infilled Land (Water)				
Ground Stability Data (1:50,000)				
CBSCB Compensation District			n/a	n/a
Brine Pumping Related Features				
Brine Subsidence Solution Area				
Potential for Collapsible Ground Stability Hazards	pg 2	Yes	Yes	n/a
Potential for Compressible Ground Stability Hazards	pg 2	Yes	Yes	n/a
Potential for Ground Dissolution Stability Hazards	pg 2	Yes		n/a
Potential for Landslide Ground Stability Hazards	pg 3	Yes		n/a
Potential for Running Sand Ground Stability Hazards	pg 3	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 3	Yes	Yes	n/a
Salt Mining Related Features				

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1953 Date: Last Map Published N/A Date:	(SW)	0	-	574115 214684
2	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1953 Date: Last Map Published N/A Date:	E3SW (SW)	0	-	574127 214765
3	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1953 Date: Last Map Published N/A Date:	E3SE (S)	0	-	574428 214965
4	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1952 Date: Last Map Published N/A Date:	E7SE (N)	0	-	574565 215416
5	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1952 Date: Last Map Published N/A Date:	E8SW (NE)	1	-	574961 215519
6	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1952 Date: Last Map Published N/A Date:	E4SW (SE)	58	-	575064 214859
7	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1952 Date: Last Map Published N/A Date:	E2SE (SW)	67	-	573747 214747
8	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1952 Date: Last Map Published N/A Date:	E4SE (SE)	81	-	575078 214937

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
9	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574528 215322
10	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E4NW (E)	0	1	575000 215322
11	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3SE (S)	0	1	574528 215000
12	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E4SW (SE)	0	1	575000 215000
13	Potential for Collapsible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	574741 214334
14	Potential for Collapsible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	575336 214380
15	Potential for Collapsible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	574045 214619
16	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E8SW (NE)	50	1	575000 215616
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NE (N)	0	1	574531 215370
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E8SW (NE)	36	1	575000 215577
17	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NE (N)	0	1	574531 215370
18	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E8SW (NE)	36	1	575000 215577
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574528 215322
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E4NW (E)	0	1	575000 215322
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E4SW (SE)	0	1	575000 215000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3SE (S)	0	1	574528 215000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E8SW (NE)	50	1	575000 215616
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3SE (S)	0	1	574528 215000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E4SW (SE)	0	1	575000 215000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574528 215322
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E4NW (E)	0	1	575000 215322
19	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3SE (S)	0	1	574528 215000
20	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E4SW (SE)	0	1	575000 215000
21	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574528 215322
22	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E4NW (E)	0	1	575000 215322
23	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E3NE (N)	0	1	574531 215370
24	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574528 215322
25	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E4NW (E)	0	1	575000 215322
26	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E3SE (S)	0	1	574528 215000
27	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E4SW (SE)	0	1	575000 215000
28	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E8SW (NE)	36	1	575000 215577
29	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E8SW (NE)	50	1	575000 215616
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E8SE (NE)	204	1	575148 215669
30	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574498 215160
31	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E4NW (SE)	0	1	575000 215104
32	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E3SE (S)	0	1	574528 215000
33	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	E4SW (SE)	0	1	575000 215000
34	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E4SE (E)	0	1	575350 215000
35	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574528 215322
36	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(S)	0	1	574741 214334

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SE)	0	1	575336 214380
38	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	(SW)	0	1	574045 214619
39	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	E4NW (E)	32	1	575000 215322
40	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	E7SE (NW)	98	1	574399 215613
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NE (S)	0	1	574534 215206
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E4NW (E)	0	1	575000 215241
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E7SW (NW)	136	1	574354 215635
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E4SE (SE)	160	1	575390 214731
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	E3NW (W)	183	1	574080 215342

The following mapping has been analysed for Historical Land Use Information (1:2,500):








1:2,500	Mapsheets	Published Date
Ordnance Survey Plan	TL7314	1952
Ordnance Survey Plan	TL7315	1952
Ordnance Survey Plan	TL7415	1952
Ordnance Survey Plan	TL7415	1952
Ordnance Survey Plan	TL7415	1952
Ordnance Survey Plan	TL7415	1952
Ordnance Survey Plan	TL7415	1952
Ordnance Survey Plan	TL7415	1952
Ordnance Survey Plan	TL7514	1952
Ordnance Survey Plan	TL7414	1953
Ordnance Survey Plan	TL7414	1953
Ordnance Survey Plan	TL7414	1953
Ordnance Survey Plan	TL7416	1953
Ordnance Survey Plan	TL7416	1953
Ordnance Survey Plan	TL7515	1953
Ordnance Survey Plan	TL7515	1953
Ordnance Survey Plan	TL7516	1953

The following mapping has been analysed for Historical Land Use Information (1:10,000):

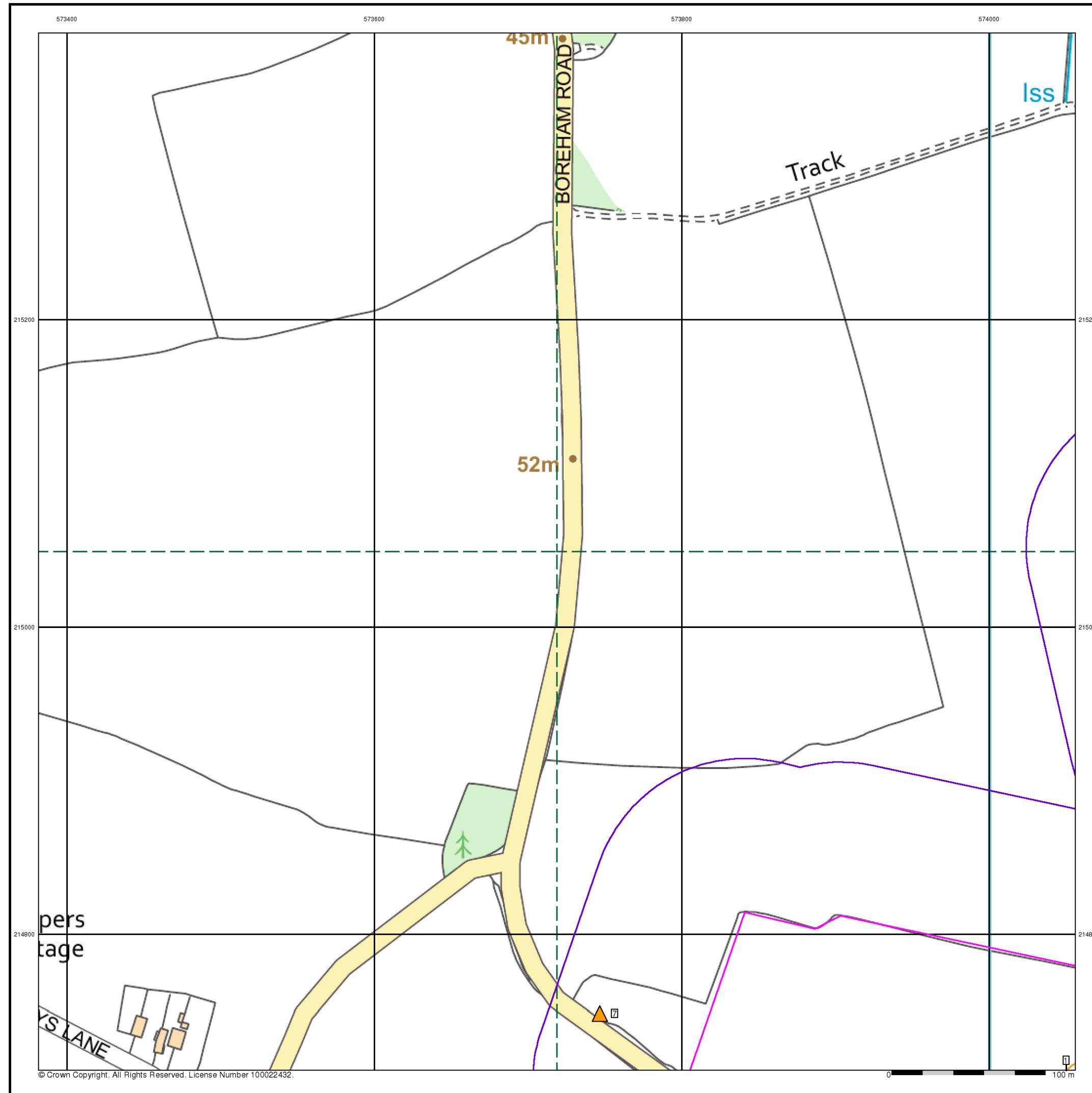
1:10,560	Mapsheets	Published Date
Essex	034_00	1881
Essex	044_00	1881
Essex	034_SW	1897
Essex	044_NW	1897
Essex	044_00	1924
Essex	045_NW	1924
Essex	045_SW	1924
Essex	044_00	1951
Ordnance Survey Plan	TL71NE	1955
Ordnance Survey Plan	TL71NW	1955
Ordnance Survey Plan	TL71SE	1955
Ordnance Survey Plan	TL71SW	1955
1:10,000	Mapsheets	Published Date
Ordnance Survey Plan	TL71NE	1978
Ordnance Survey Plan	TL71SE	1978
Ordnance Survey Plan	TL71NW	1979
Ordnance Survey Plan	TL71SW	1993

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2020	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	November 2020	Bi-Annually
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Natural Cavities Stantec UK Ltd	November 2020	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
Subterranean Features Landmark Information Group Limited	February 2020	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	Annual Rolling Update

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
The Coal Authority	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
Johnson Poole & Bloomer	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk



Historical Land Use Information (1:2,500)

General

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

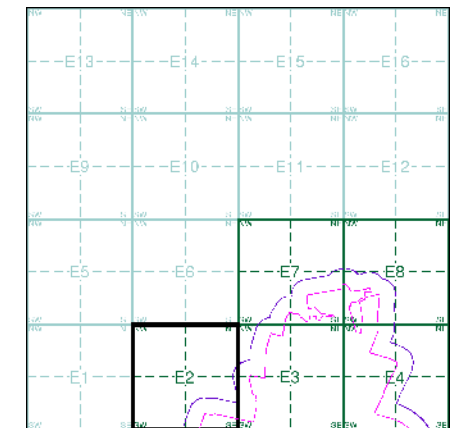
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	▨
Extractive Industries Activity from 1906 - 1937	▲	—	▨
Extractive Industries Activity from 1924 - 1949	▲	—	▨
Extractive Industries Activity from 1950 - 1980	▲	—	▨

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

Mining and Ground Stability - Segment E2

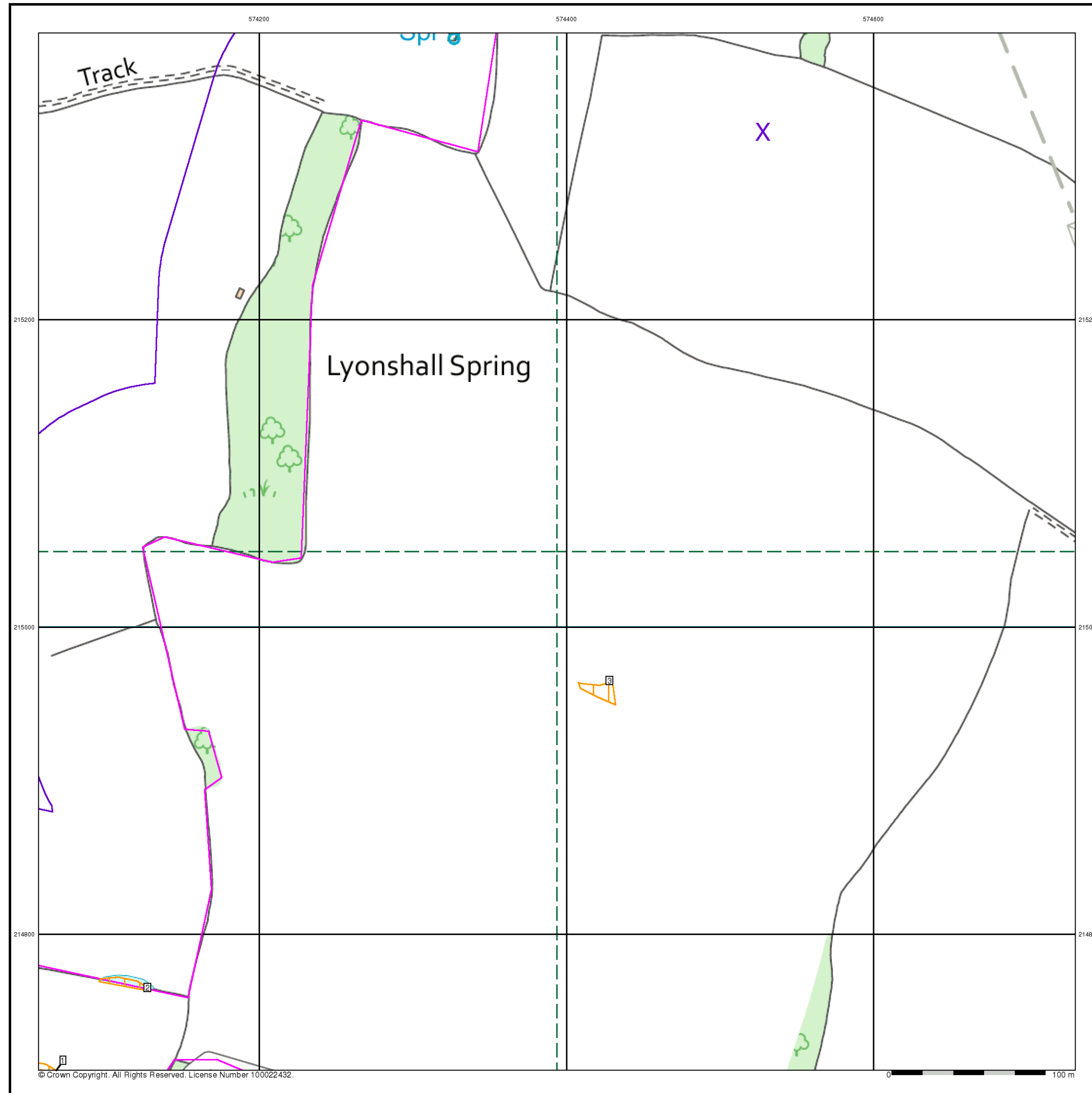


Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 574530, 215320
 Slice: E
 Site Area (Ha): 473.19
 Plot Buffer (m): 100

Site Details

Longfield



Historical Land Use Information (1:2,500)

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

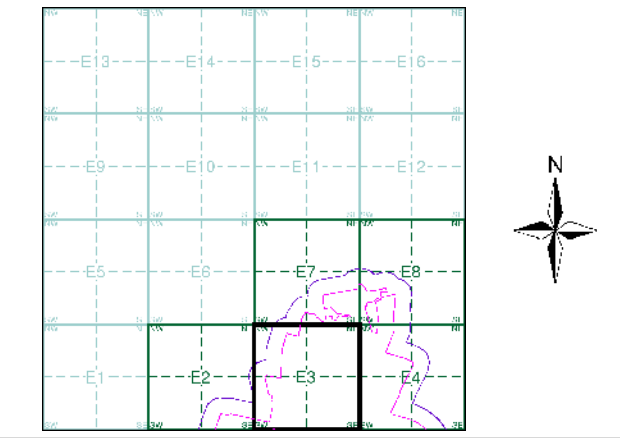
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

Mining and Ground Stability - Segment E3

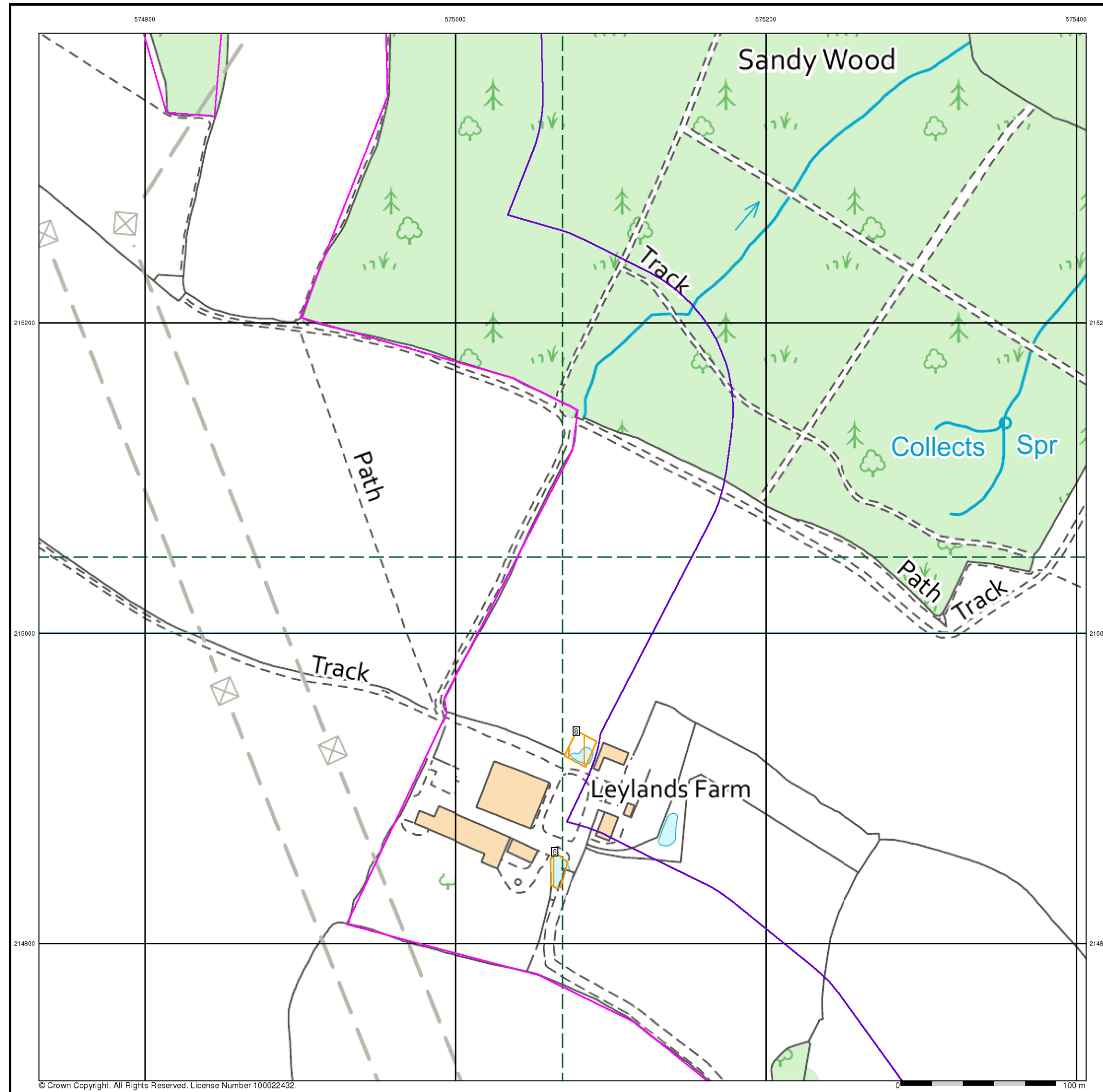


Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 574530, 215320
 Slice: E
 Site Area (Ha): 473.19
 Plot Buffer (m): 100

Site Details
 Longfield

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Historical Land Use Information (1:2,500)

- General**
- ◻ Specified Site
 - ◻ Specified Buffer(s)
 - X Bearing Reference Point
 - ⊠ Map ID
 - ◻ Several of Type at Location

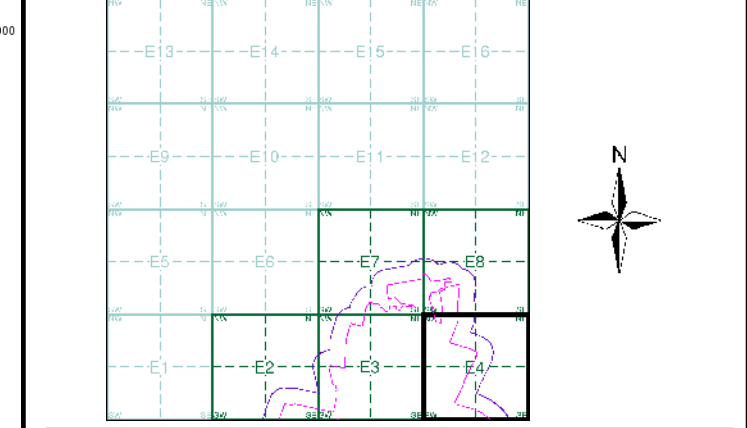
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

Mining and Ground Stability - Segment E4



Order Details

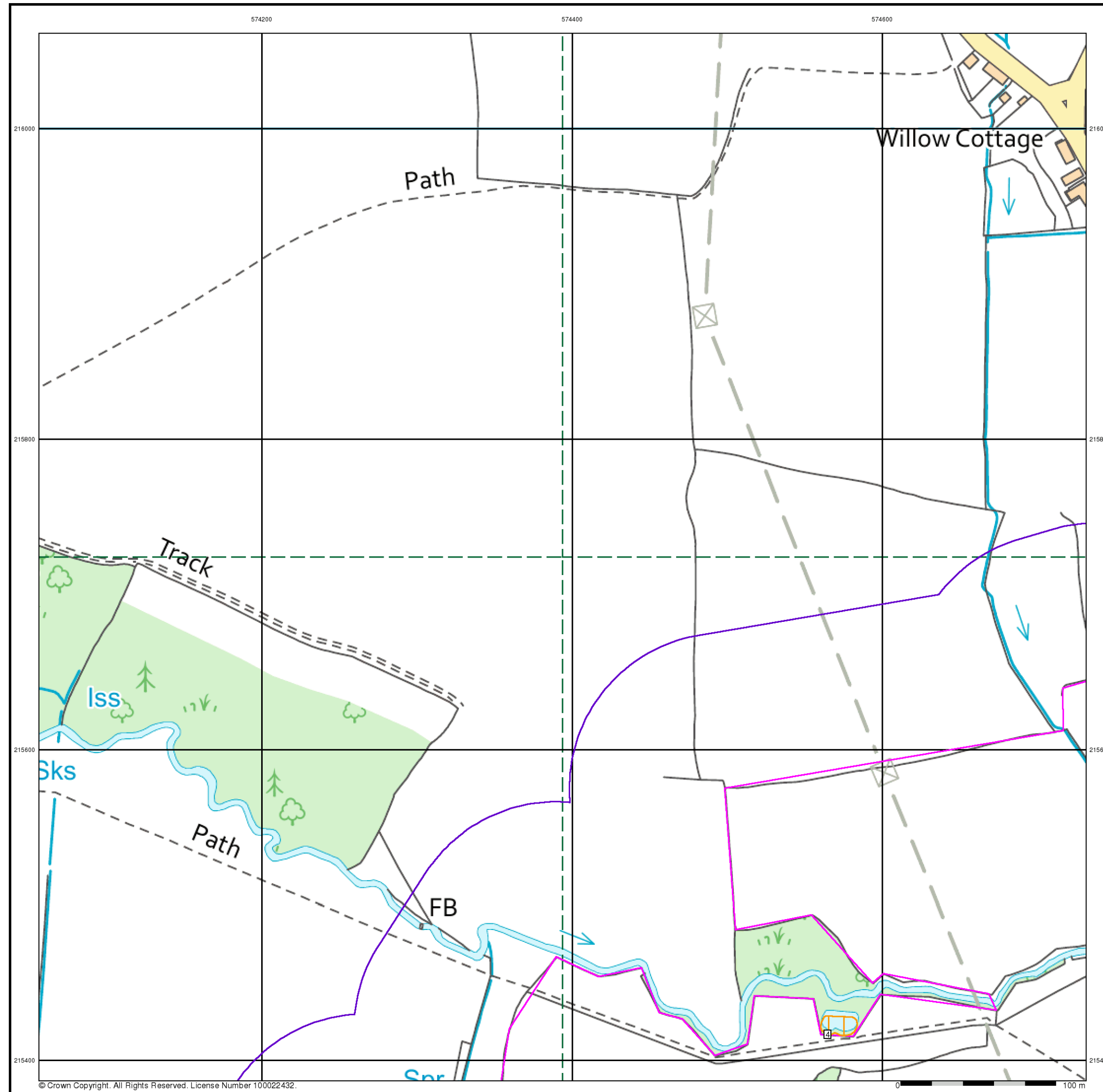
Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 574530, 215320
 Slice: E
 Site Area (Ha): 473.19
 Plot Buffer (m): 100

Site Details
 Longfield

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Historical Land Use Information (1:2,500)

General
 ◊ Specified Site ◊ Specified Buffer(s) X Bearing Reference Point □ Map ID
 □ Several of Type at Location

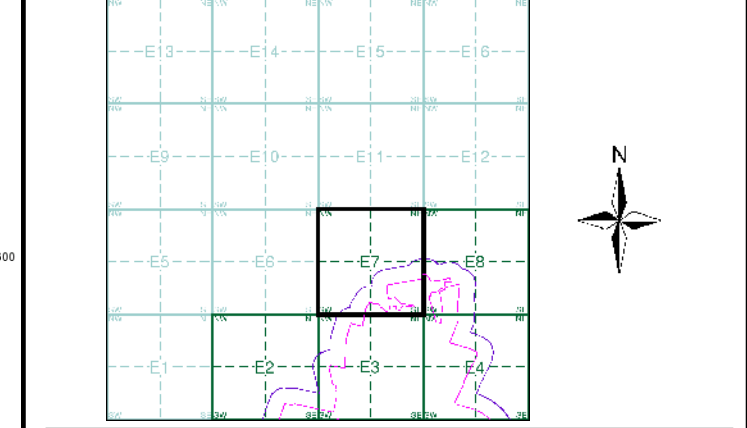
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

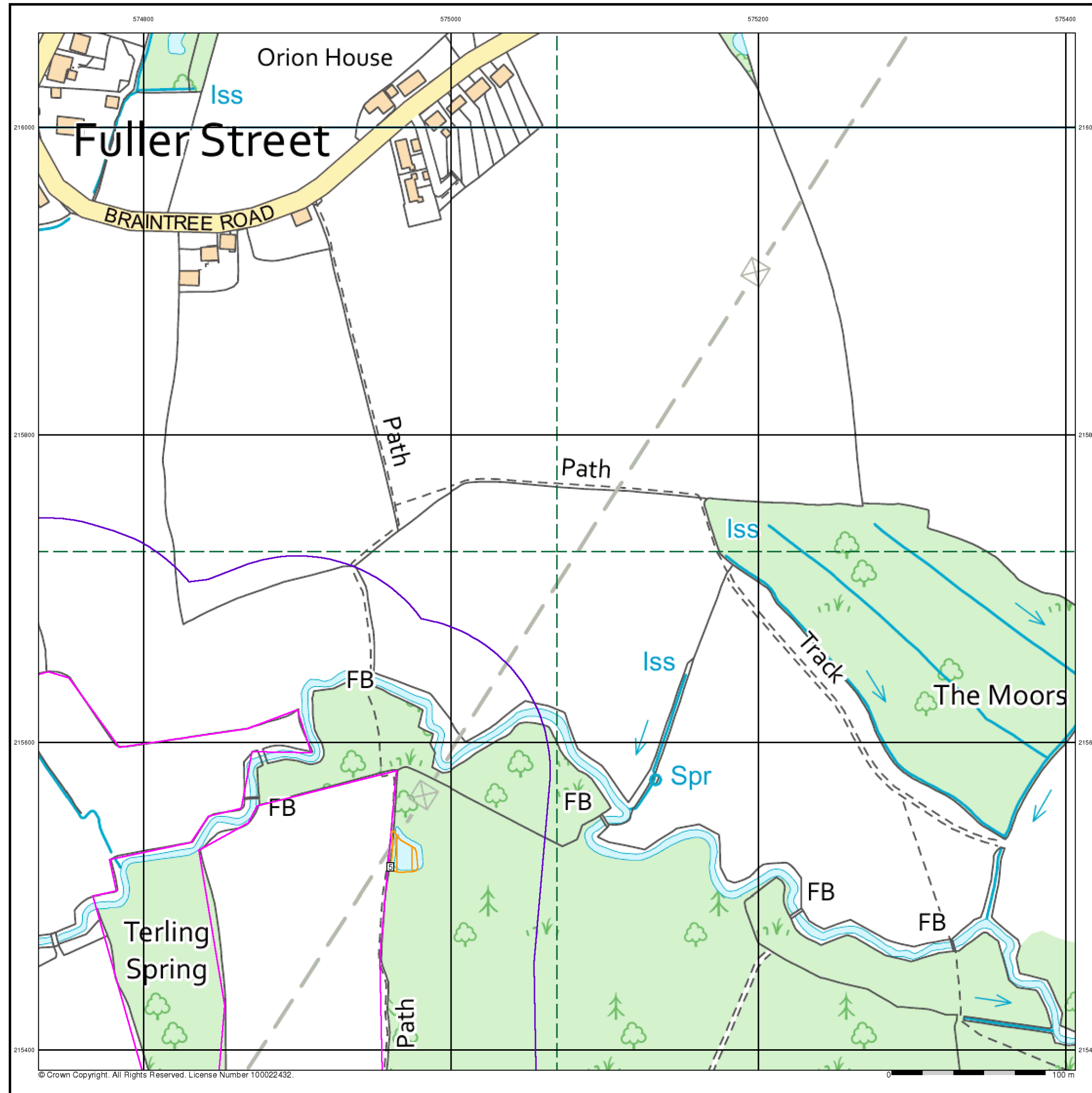
Mining and Ground Stability - Segment E7



Order Details
 Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 574530, 215320
 Slice: E
 Site Area (Ha): 473.19
 Plot Buffer (m): 100

Site Details
 Longfield

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Historical Land Use Information (1:2,500)

General

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

Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	- - -	■

Mining and Ground Stability - Segment E8

Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
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 Slice: E
 Site Area (Ha): 473.19
 Plot Buffer (m): 100

Site Details

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

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Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	LOFT	Lowestoft Formation	Diamicton	Not Supplied - Anglian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	BRK	Brickearth	Clay, Silt and Sand	Not Supplied - Pleistocene
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	TUFA	Tufa	Tufa, Calcareous	Not Supplied - Quaternary
	PEAT	Peat	Peat	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Clay, Silt and Sand	Not Supplied - Ypresian

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Geology 1:50,000 Maps

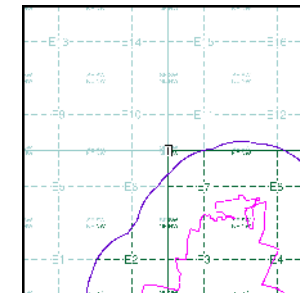
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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 Sheet No:	241
Map Name:	Chelmsford
Map Date:	1975
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice E



Order Details:

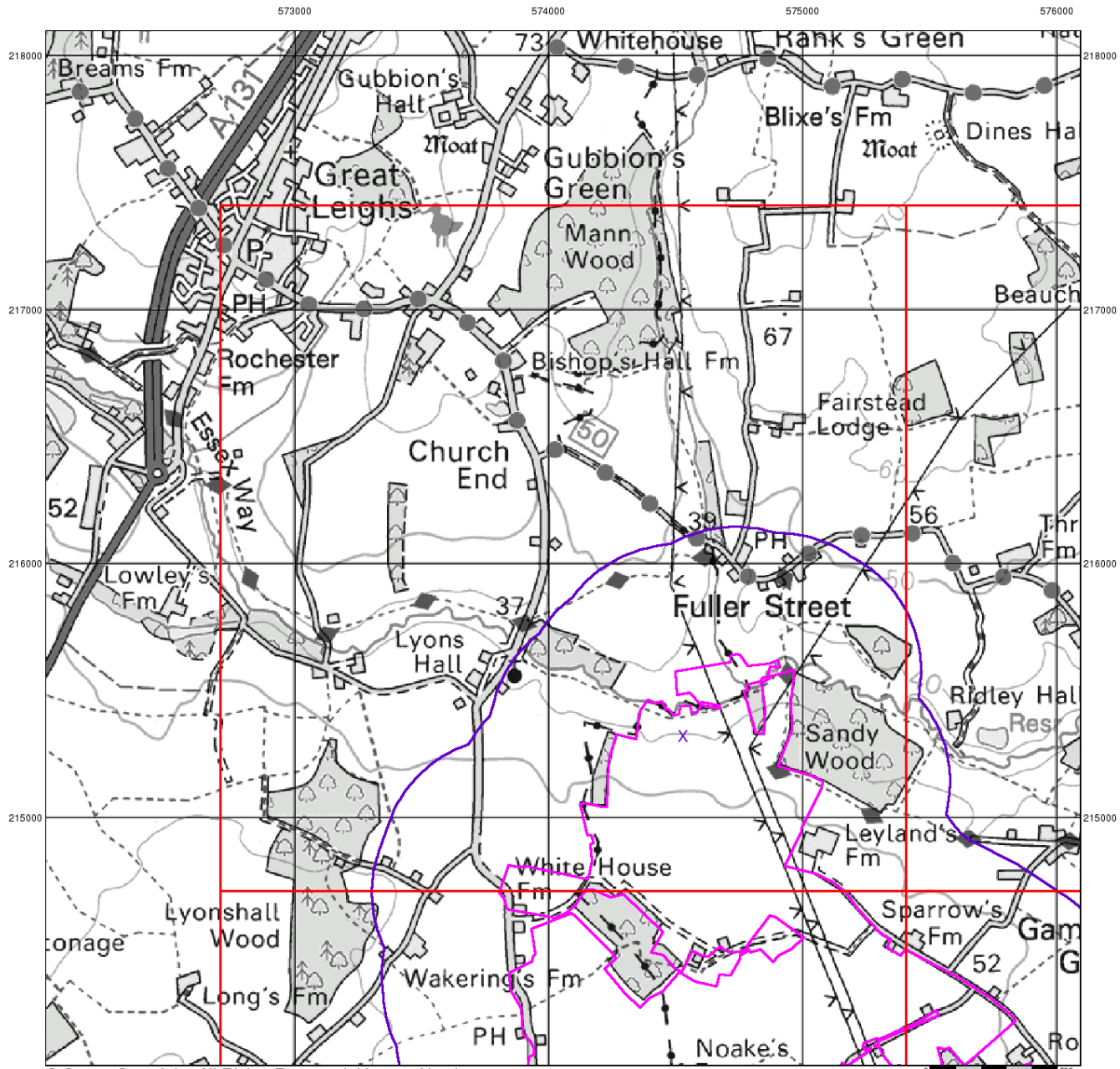
Order Number:	274546457_1_1
Customer Reference:	60640215
National Grid Reference:	574530, 215320
Slice:	E
Site Area (Ha):	473.19
Search Buffer (m):	500

Site Details:

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Artificial Ground and Landslip

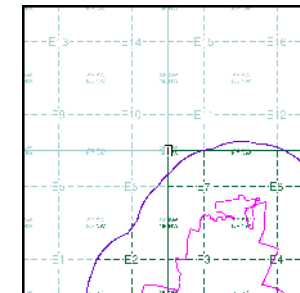
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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



Order Details:

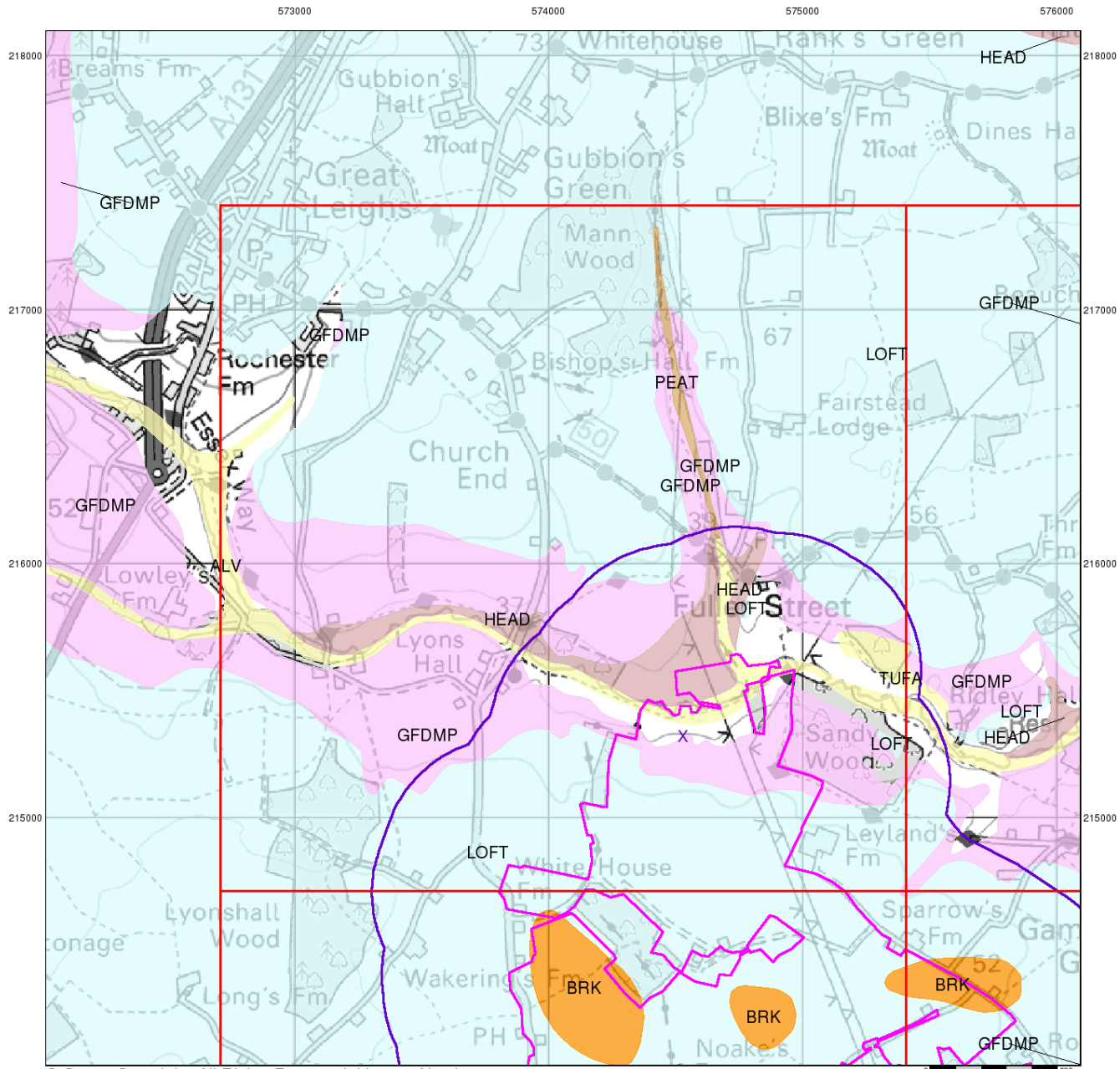
Order Number:	274546457_1_1
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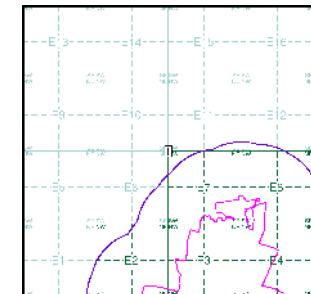
Superficial Geology

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 E



Order Details:

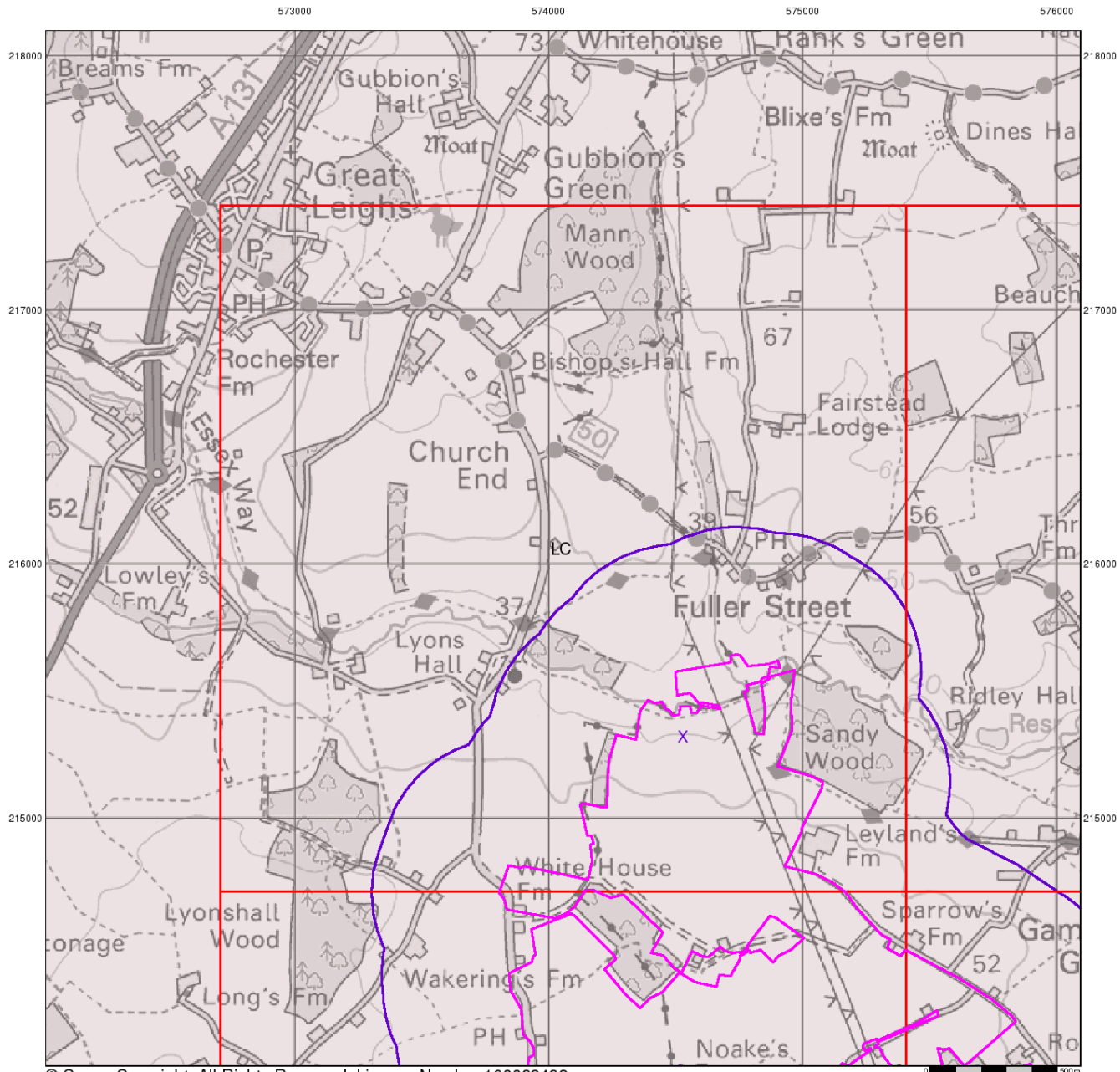
Order Number: 274546457_1_1
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Site Details:

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Bedrock and Faults

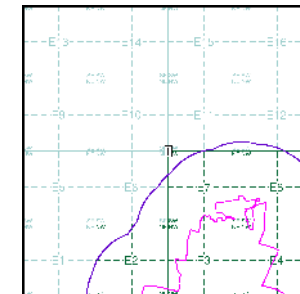
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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 E



Order Details:

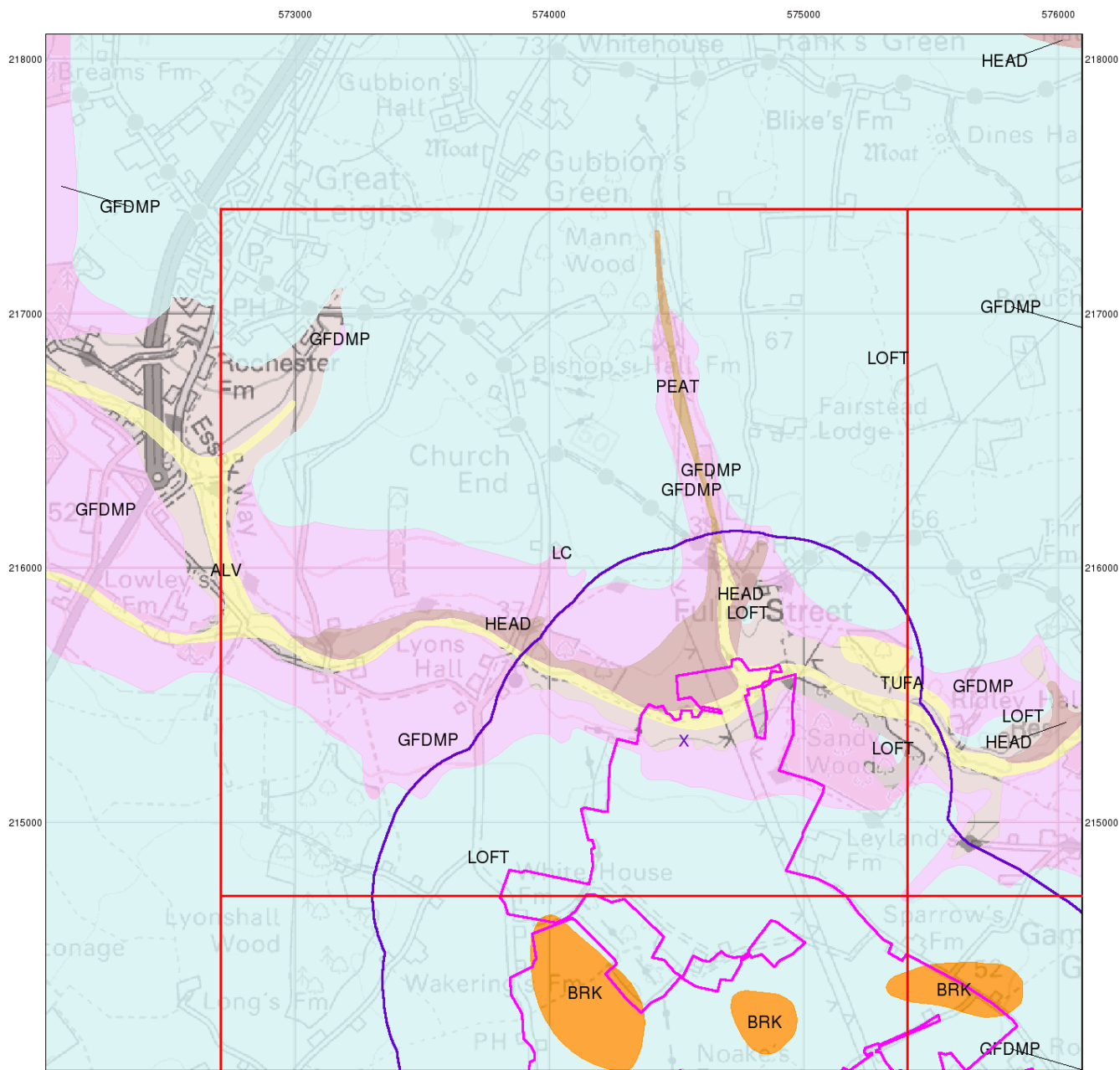
Order Number: 274546457_1_1
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Combined Surface Geology

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.

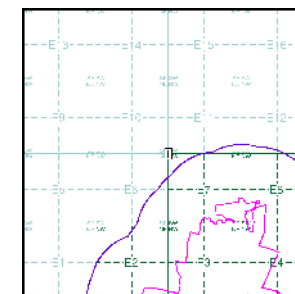
Additional Information

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 E



Order Details:

Order Number: 274546457_1_1
 Customer Reference: 60640215
 National Grid Reference: 574530, 215320
 Slice: E
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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Ordnance Survey County Series 1:10,560 Legend:

- Gravel Pit, Sand Pit, Other Pits
- Quarry, Shingle, Orchard
- Osiers, Reeds, Marsh
- Mixed Wood, Deciduous, Brushwood
- Fir, Furze, Rough Pasture
- Arrow denotes flow of water, Trigonometrical Station
- Site of Antiquities, Bench Mark
- Pump, Guide Post, Signal Post, Well, Spring, Boundary Post
- Surface Level (e.g., -285)
- 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
- County Borough Boundary (England)
- County Burgh Boundary (Scotland)
- Rural District Boundary
- Civil Parish Boundary

Ordnance Survey Plan 1:10,000

Ordnance Survey Plan 1:10,000 Legend:

- Chalk Pit, Clay Pit or Quarry, Gravel Pit, Sand Pit, Disused Pit or Quarry
- Refuse or Slag Heap, Lake, Loch or Pond
- Dunes, Boulders
- Coniferous Trees, Non-Coniferous Trees
- Orchard, Scrub, Coppice
- Bracken, Heath, Rough Grassland
- Marsh, Reeds, Saltings
- Building, Glasshouse
- Direction of Flow of Water
- Sloping Masonry, Pylon, Pole, Electricity Transmission Line
- Cutting, Embankment, Standard Gauge Multiple Track, Standard Gauge Single Track
- Road Under, Road Over, Level Crossing, Foot Bridge, Siding, Tramway or Mineral Line
- Narrow Gauge
- 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

1:10,000 Raster Mapping

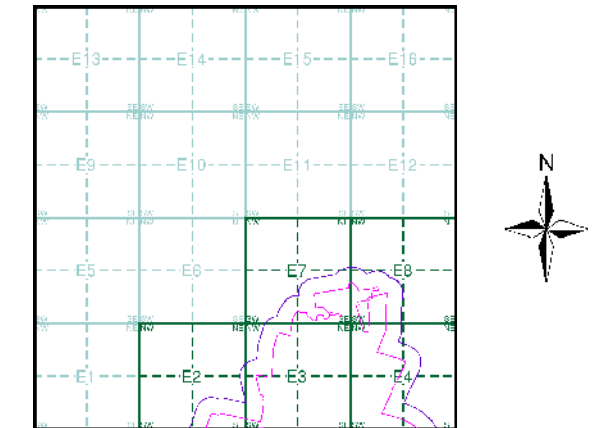
1:10,000 Raster Mapping Legend:

- Gravel Pit, Refuse tip or slag heap
- Rock, Rock (scattered)
- Boulders, Boulders (scattered)
- Shingle, Mud
- Sand, Sand Pit
- Slopes, Top of cliff
- General detail, Underground detail
- Overhead detail, Narrow gauge railway
- Multi-track railway, Single track railway
- County boundary (England only), Civil, parish or community boundary
- District, Unitary, Metropolitan, London Borough boundary, Constituency boundary
- Area of wooded vegetation, Non-coniferous trees
- Non-coniferous trees (scattered), Coniferous trees
- Coniferous trees (scattered), Positioned tree
- Orchard, Coppice or Osiers
- Rough Grassland, Heath
- Scrub, Marsh, Salt Marsh or Reeds
- Water feature, Flow arrows
- MHW(S) Mean high water (springs), MLW(S) Mean low water (springs)
- Telephone line (where shown), Electricity transmission line (with poles)
- Bench mark (where shown), Triangulation station
- Point feature (e.g. Guide Post or Mile Stone), Pylon, flare stack or lighting tower
- Site of (antiquity), Glasshouse
- General Building, Important Building

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:10,560	1881	2
Essex	1:10,560	1897	3
Essex	1:10,560	1924	4
Historical Aerial Photography	1:10,560	1947	5
Historical Aerial Photography	1:10,560	1947	6
Essex	1:10,560	1951	7
Ordnance Survey Plan	1:10,000	1955	8
Ordnance Survey Plan	1:10,000	1967 - 1968	9
Ordnance Survey Plan	1:10,000	1978 - 1979	10
Ordnance Survey Plan	1:10,000	1993	11
10K Raster Mapping	1:10,000	1999	12
10K Raster Mapping	1:10,000	2006	13
VectorMap Local	1:10,000	2020	14

Historical Map - Slice E

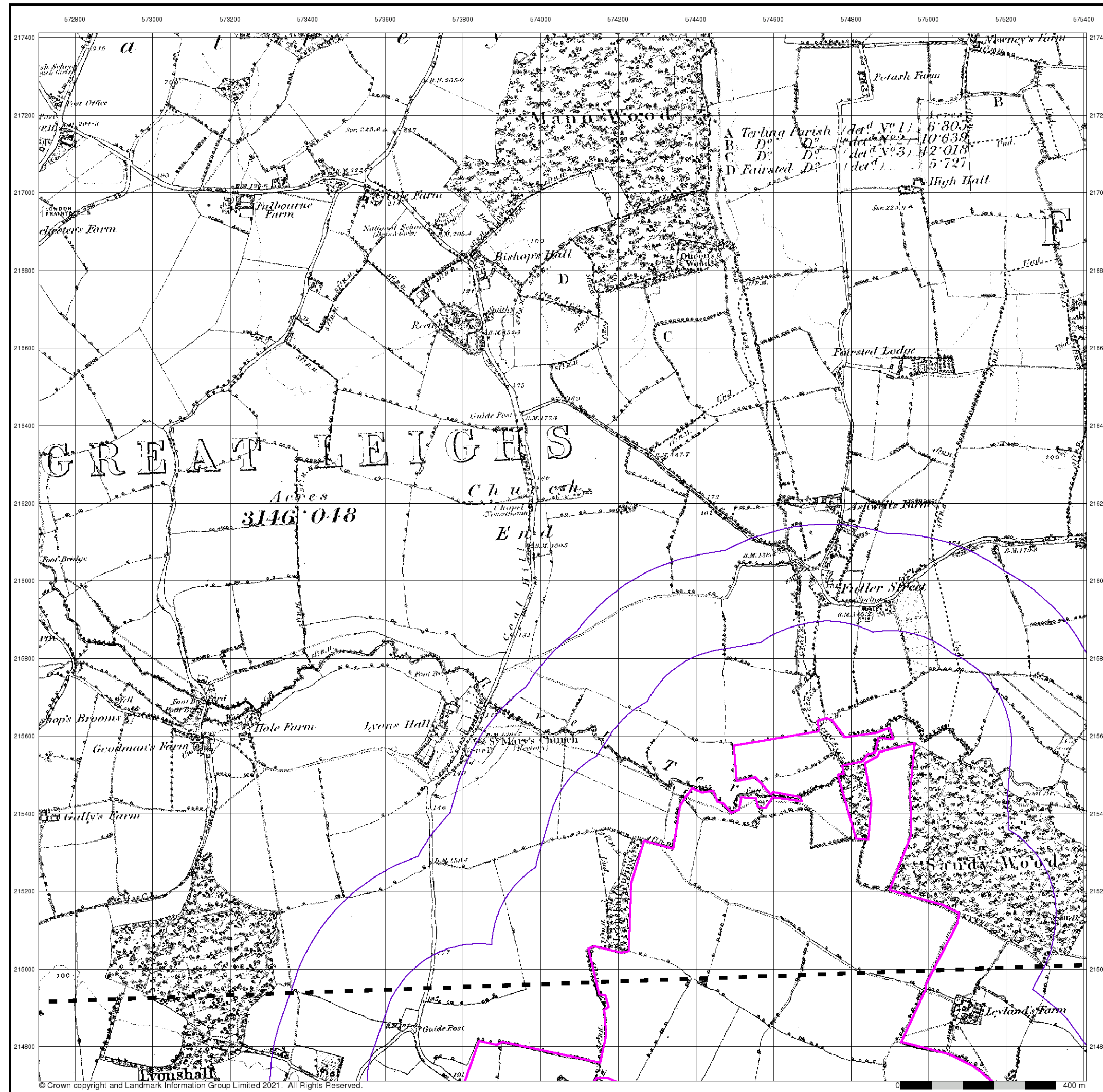


Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 574530, 215320
 Slice: E
 Site Area (Ha): 473.19
 Search Buffer (m): 500

Site Details

Longfield



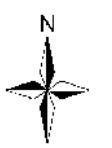
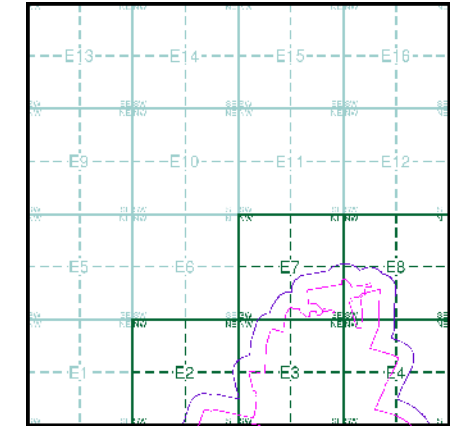
Essex
Published 1881
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

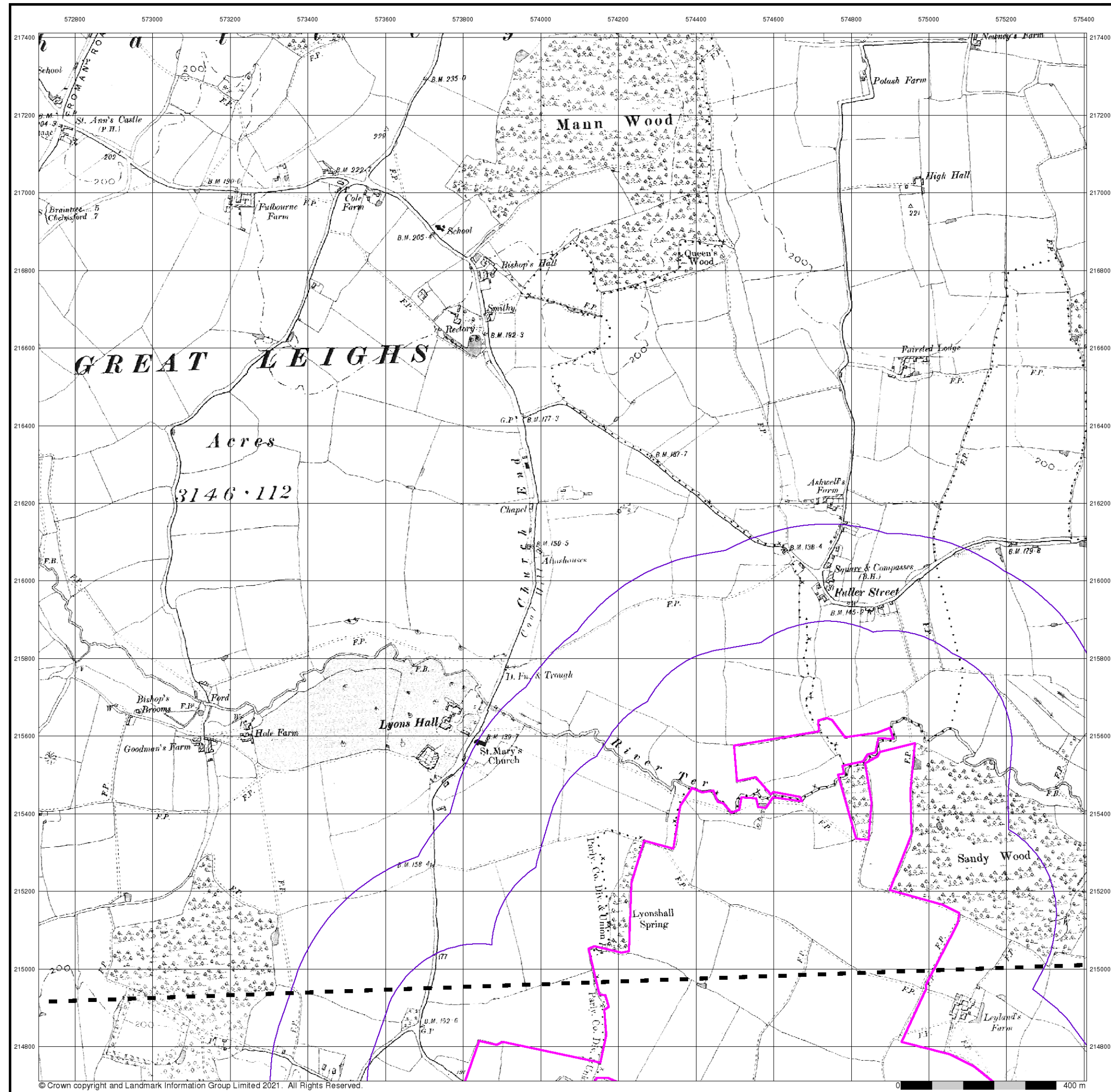
03400	1881	1:10,560
04400	1881	1:10,560

Historical Map - Slice E



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Essex

Published 1897

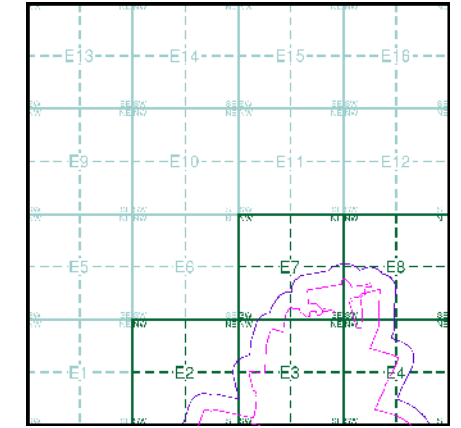
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

034SW	1897	1:10,560
044NW	1897	1:10,560

Historical Map - Slice E



Order Details

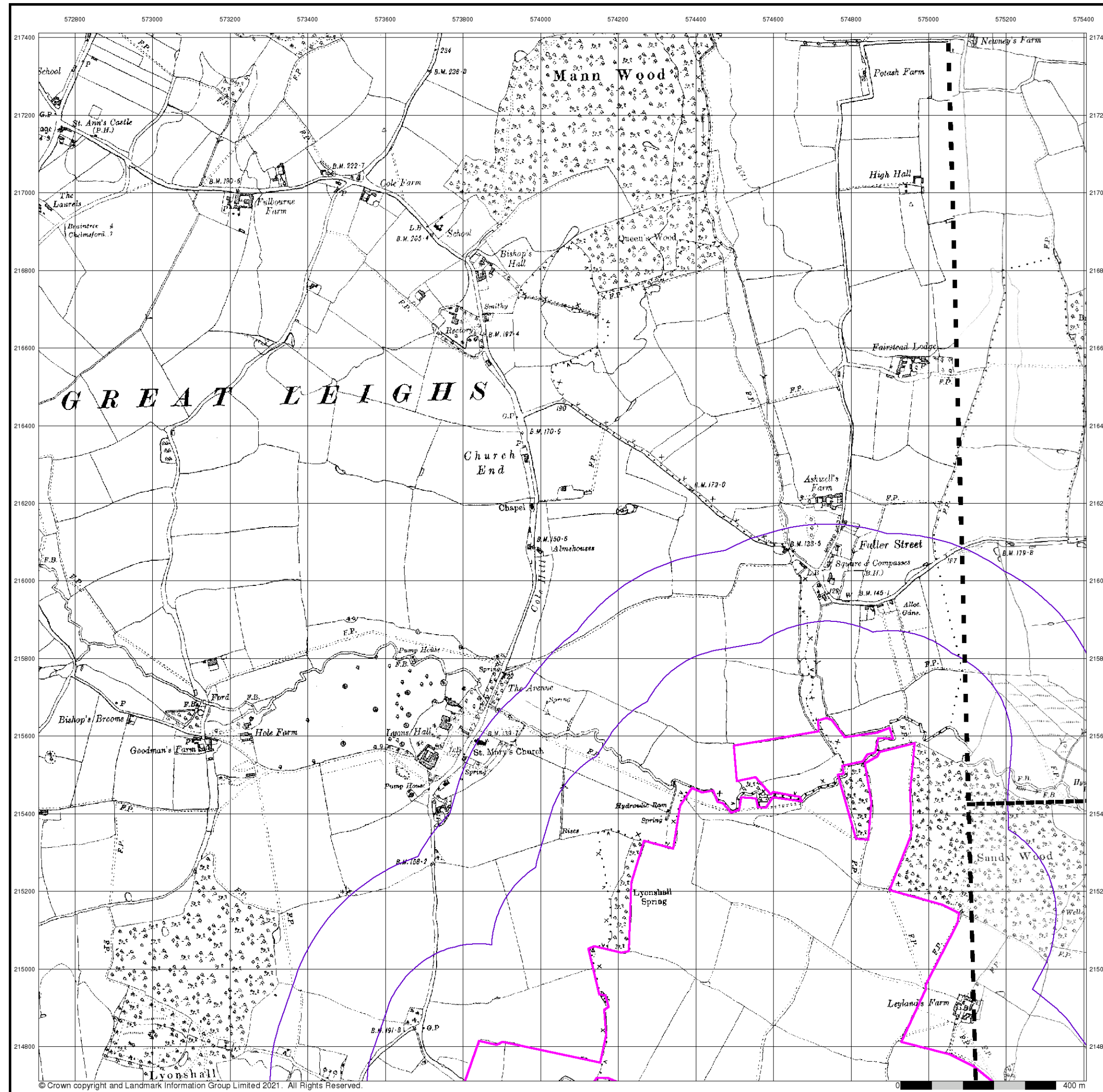
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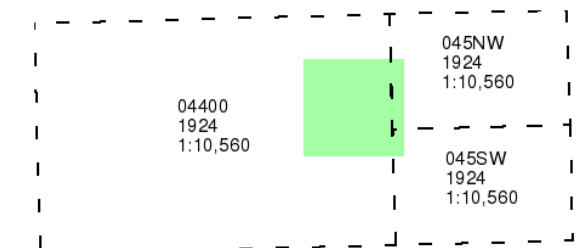
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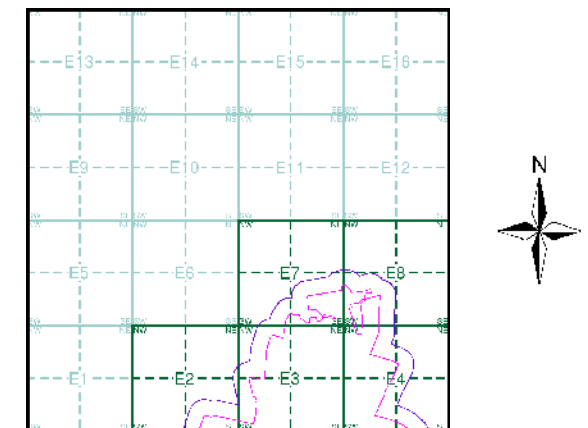


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Historical Map - Slice E

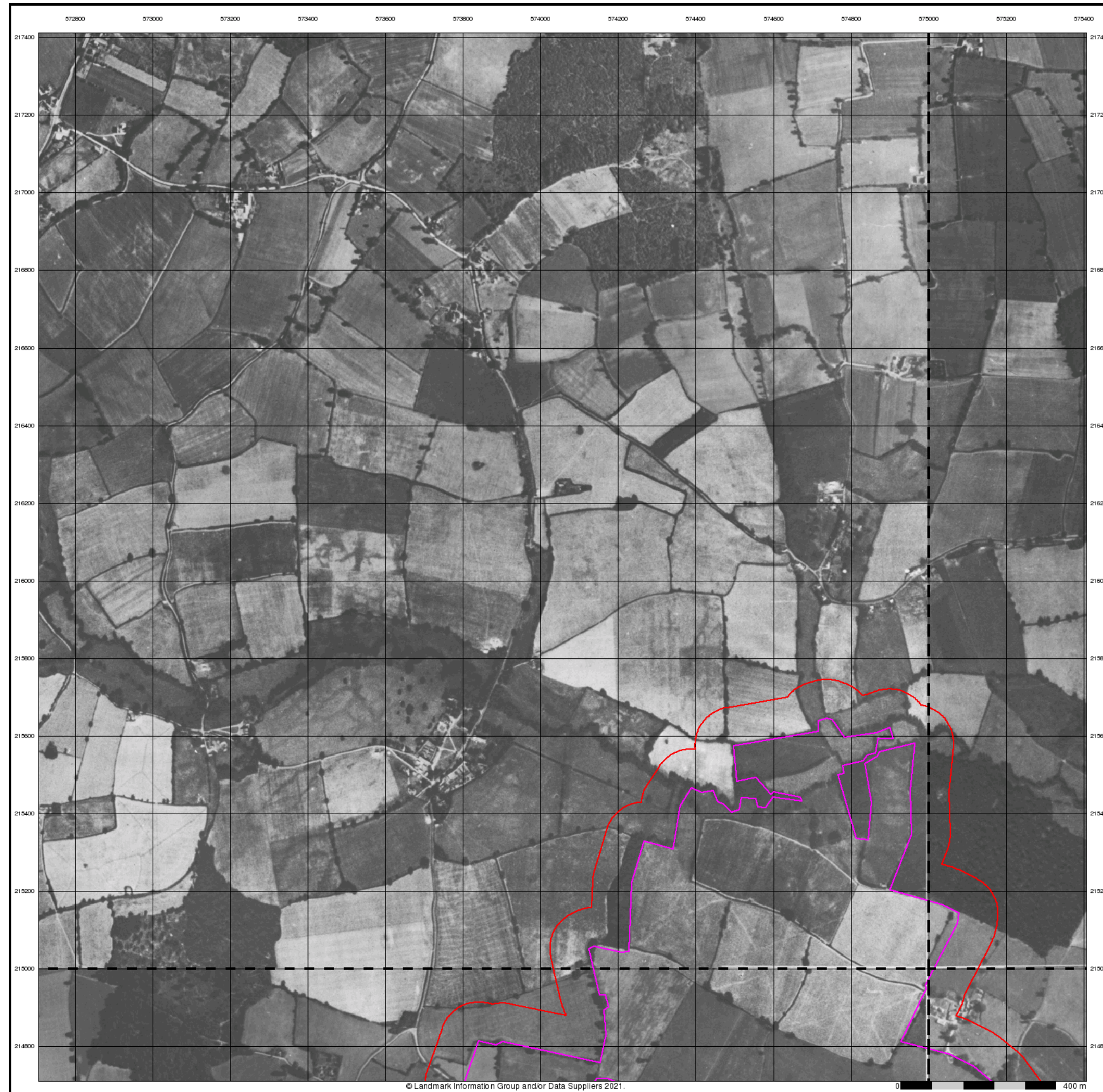


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Historical Aerial Photography

Published 1947

Source map scale - 1:10,560

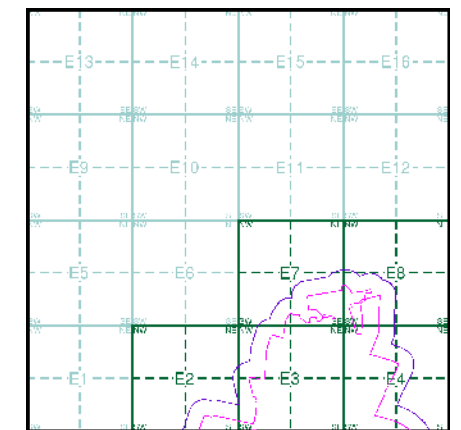
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 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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Map Name(s) and Date(s)

TL71NW 1947 1:10,560	TL71NE 1947 1:10,560
TL71SW 1947 1:10,560	TL71SE 1947 1:10,560

Historical Aerial Photography - Slice E



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Historical Aerial Photography

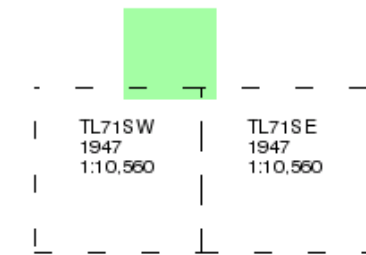
Published 1947

Source map scale - 1:10,560

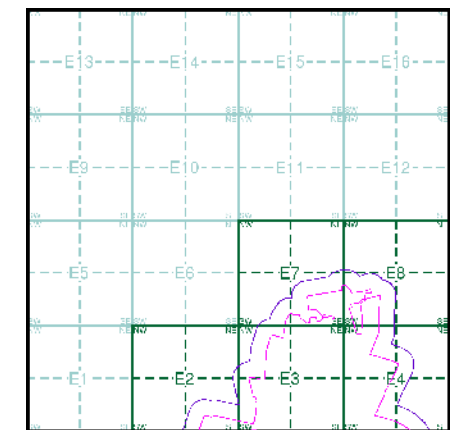
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Map Name(s) and Date(s)



Historical Aerial Photography - Slice E

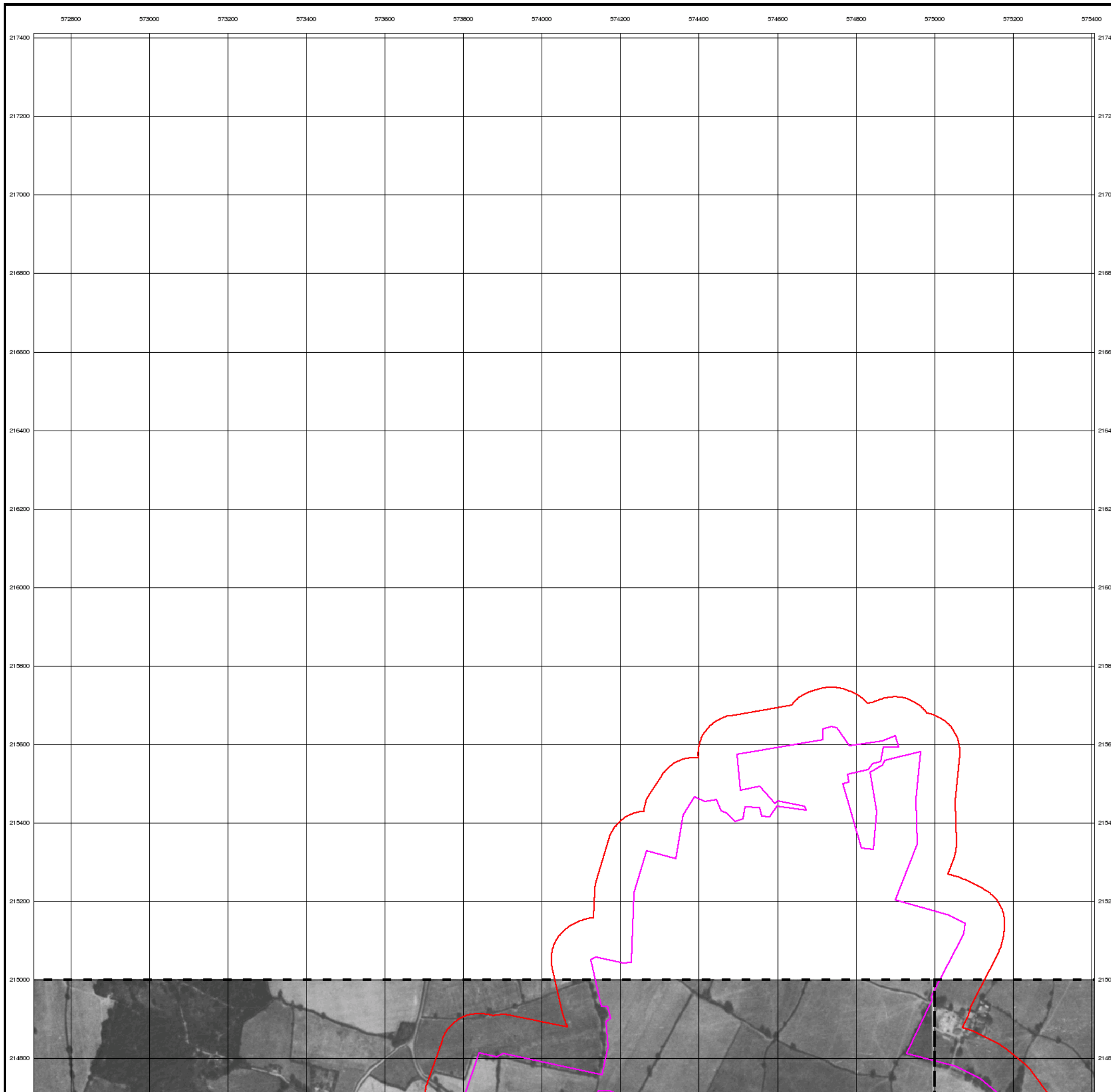


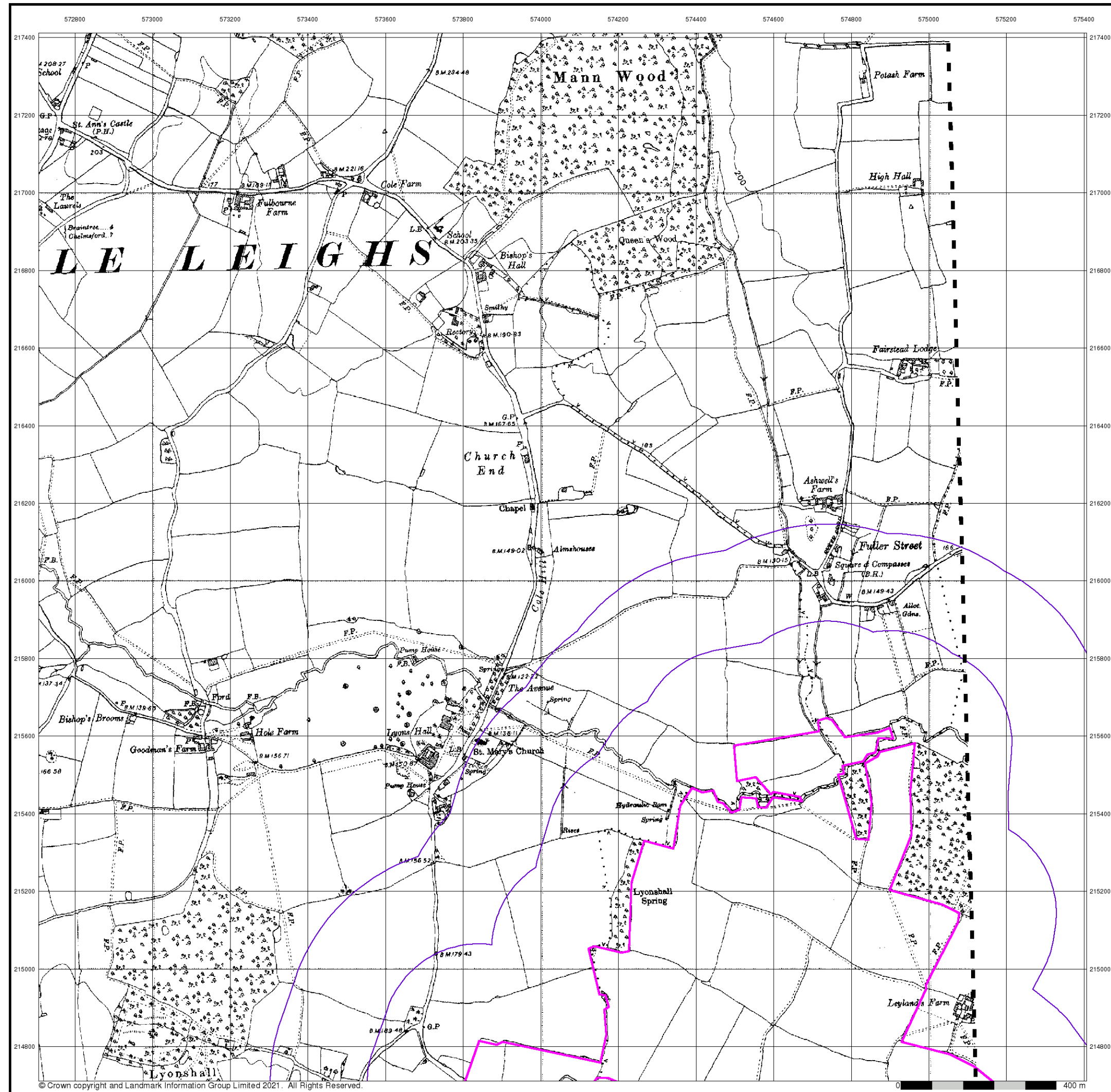
Order Details

Order Number: 274546457_1_1
 Customer Ref: 60640215
 National Grid Reference: 574530, 215320
 Slice: E
 Site Area (Ha): 473.19
 Search Buffer (m): 500

Site Details

Longfield

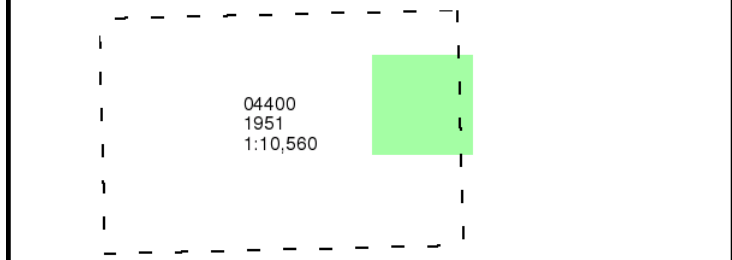




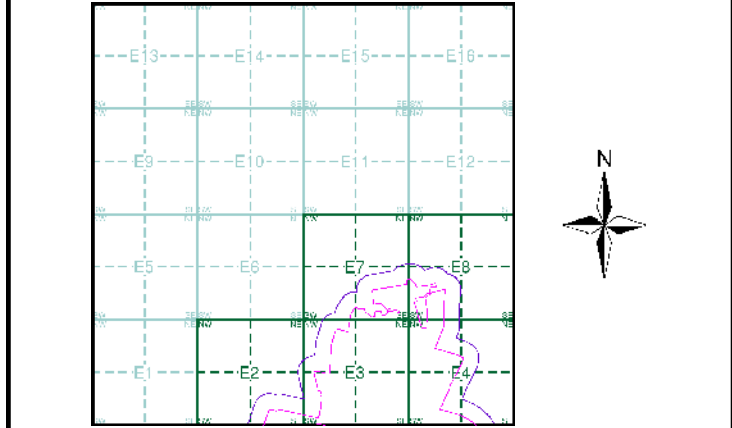
Essex
Published 1951
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

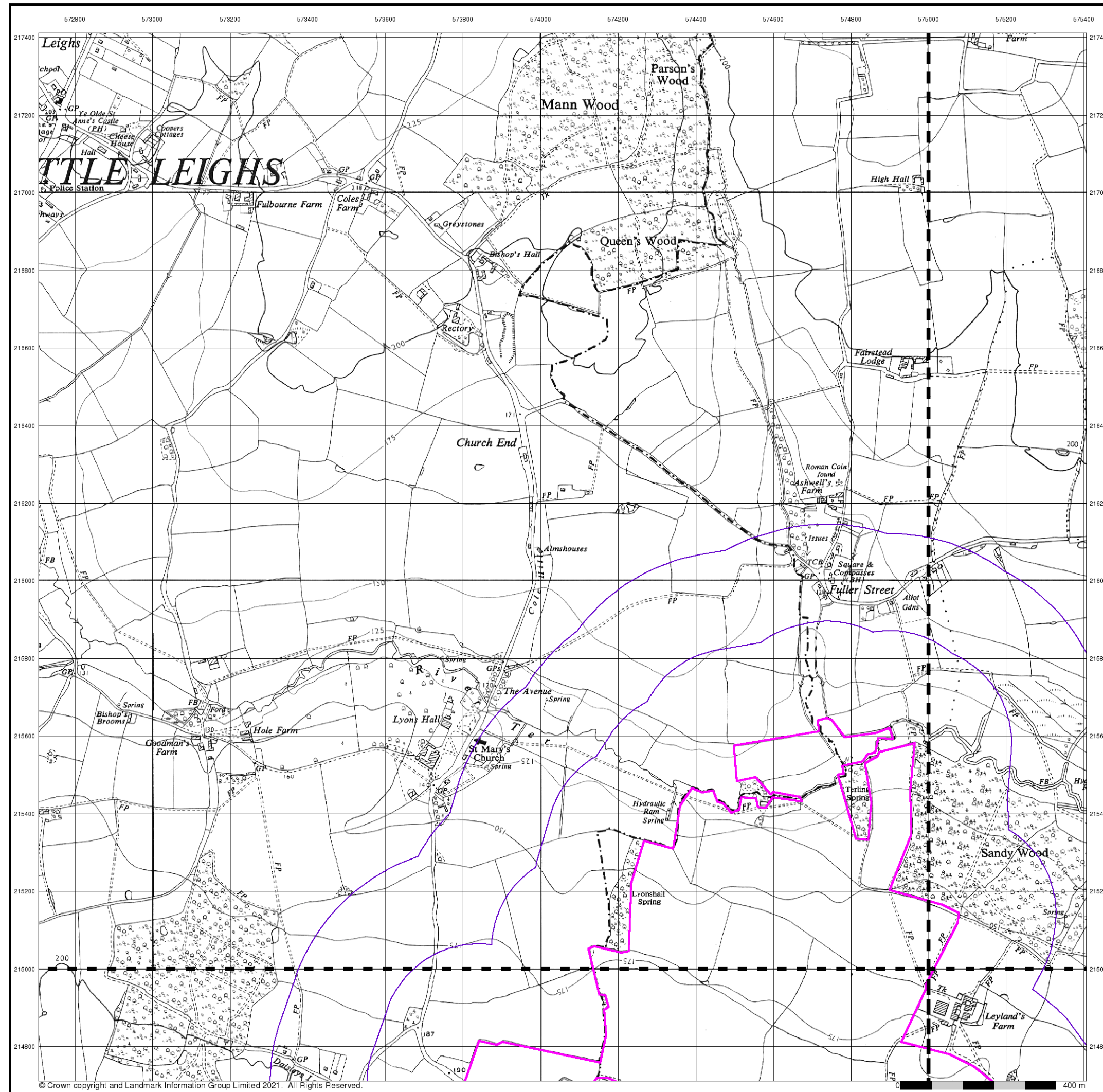


Historical Map - Slice E



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Ordnance Survey Plan

Published 1955

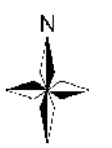
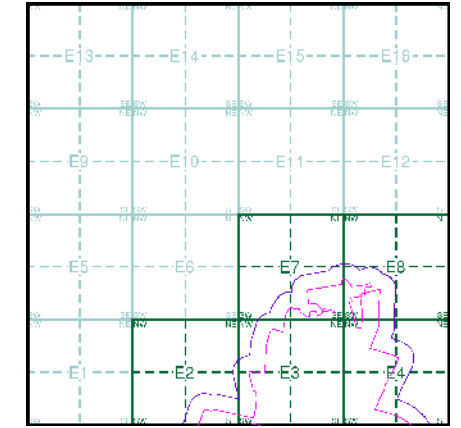
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

TL71NW	1955	1:10,560
TL71NE	1955	1:10,560
TL71SW	1955	1:10,560
TL71SE	1955	1:10,560

Historical Map - Slice E



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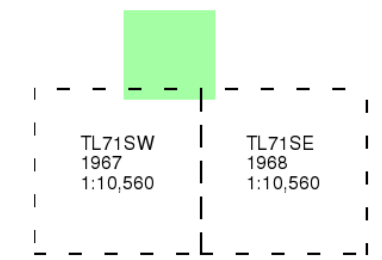
Ordnance Survey Plan

Published 1967 - 1968

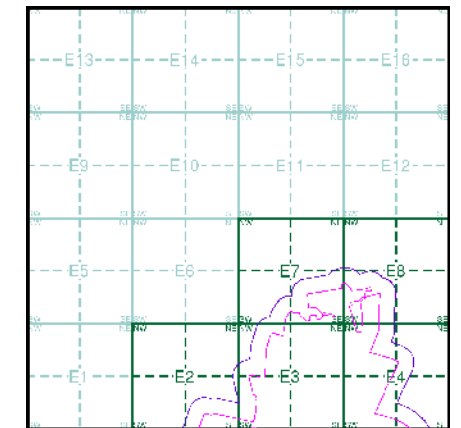
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps.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

Map Name(s) and Date(s)



Historical Map - Slice E

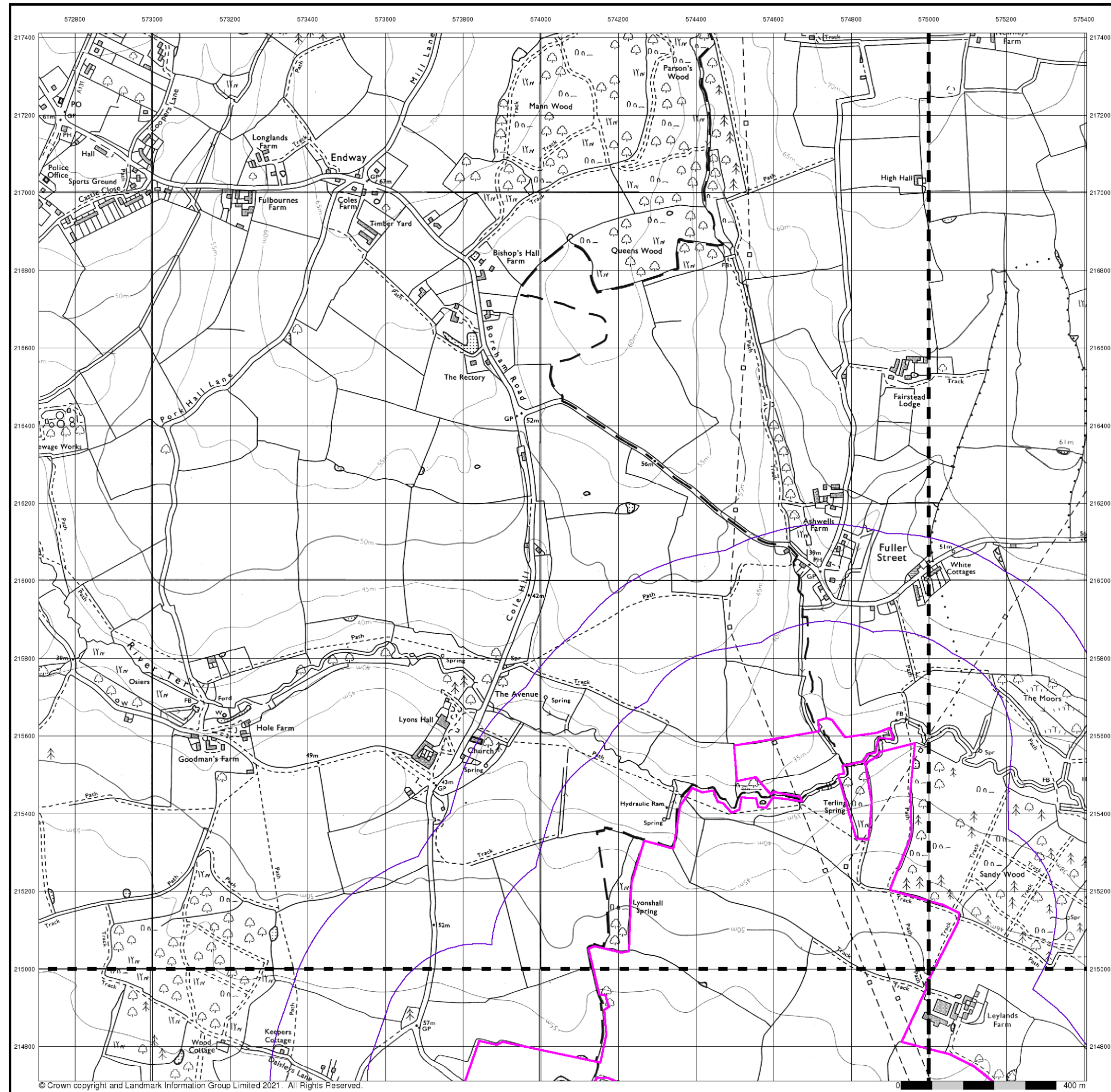


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Ordnance Survey Plan

Published 1978 - 1979

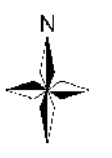
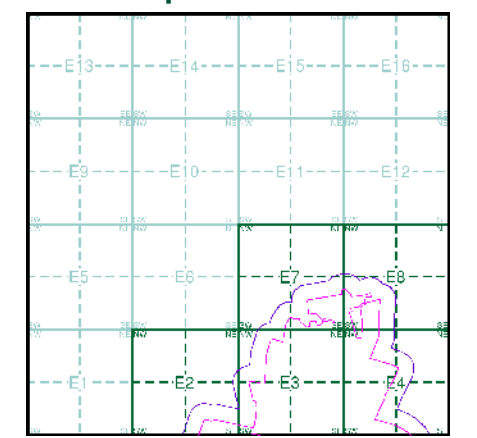
Source map scale - 1:10,000

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Map Name(s) and Date(s)

TL71NW 1979 1:10,000	TL71NE 1978 1:10,000
TL71SW 1979 1:10,000	TL71SE 1978 1:10,000

Historical Map - Slice E



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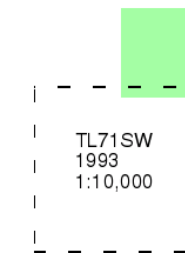
Ordnance Survey Plan

Published 1993

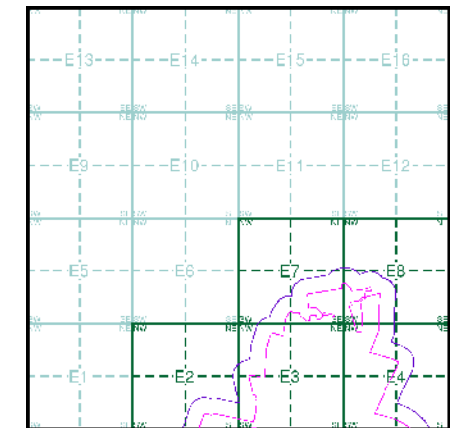
Source map scale - 1:10,000

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