



## **APPENDIX E**

### **A Selection of Historic Maps**

# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

**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**, **•285 Surface Level**, **Sketched Contour**, **Instrumental Contour**, **Main Roads** (Fenced, Un-Fenced), **Minor Roads** (Fenced, Un-Fenced), **Sunken Road**, **Raised Road**, **Road over Railway**, **Railway over River**, **Railway over Road**, **Level Crossing**, **Road over River or Canal**, **Road over Stream**, **Road over Stream**, **County Boundary (Geographical)**, **County & Civil Parish Boundary**, **Administrative County & Civil Parish Boundary**, **County Borough Boundary (England)**, **County Borough Boundary (Scotland)**, **Rural District Boundary**, **Civil Parish Boundary**

## Ordnance Survey Plan 1:10,000

**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**, **Sloping Masonry**, **Pylon**, **Electricity Transmission Line**, **Pole**, **Cutting**, **Embankment**, **Standard Gauge Multiple Track**, **Standard Gauge Single Track**, **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**, **Ch Church**, **CH Club House**, **F E Sta Fire Engine Station**, **FB Foot Bridge**, **Fn Fountain**, **GP Guide Post**, **MP Mile Post**, **MS Mile Stone**, **Pol Sta Police Station**, **PO Post Office**, **PC Public Convenience**, **PH Public House**, **SB Signal Box**, **Spr Spring**, **TCB Telephone Call Box**, **TCP Telephone Call Post**, **W Well**

## 1:10,000 Raster Mapping

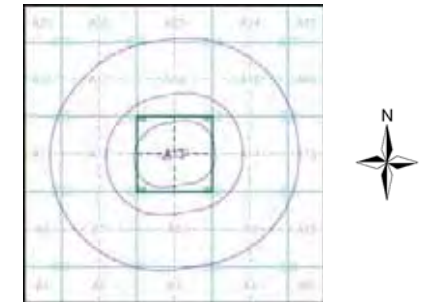
**Gravel Pit**, **Refuse tip or slag heap**, **Rook**, **Rook (scattered)**, **Boulders**, **Boulders (scattered)**, **Shingle**, **Mud**, **Sand**, **Sand Pit**, **Sluices**, **Top of cliff**, **General detail**, **Underground detail**, **Overhead detail**, **Narrow gauge railway**, **Multi-track railway**, **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**, **Mean high water (springs)**, **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
Middlesex	1:10,560	1868 - 1873	3
Middlesex	1:10,560	1872 - 1879	4
Middlesex	1:10,560	1872	5
Essex	1:10,560	1876	6
London	1:10,560	1896	7
Essex	1:10,560	1898	8
Essex	1:10,560	1920 - 1921	9
Essex	1:10,560	1921	10
Essex	1:10,560	1938	11
Historical Aerial Photography	1:10,560	1950	12
Ordnance Survey Plan	1:10,000	1952	13
Essex	1:10,560	1953	14
Ordnance Survey Plan	1:10,000	1968	15
Ordnance Survey Plan	1:10,000	1976	16
London	1:25,000	1985	17
Ordnance Survey Plan	1:10,000	1990	18
10K Raster Mapping	1:10,000	2006	19
10K Raster Mapping	1:10,000	2013	20

## Historical Map - Slice A



## Order Details

Order Number: 52120584\_1\_1  
 Customer Ref: UK13.1429  
 National Grid Reference: 538130, 191540  
 Slice: A  
 Site Area (Ha): 1.13  
 Search Buffer (m): 1000

## Site Details

Site at 538160, 191560



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

# Historical Mapping Legends

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

**Quarry** (dotted circle), **Gravel Pit** (dotted circle with lines), **Sand Pit** (dotted circle with lines), **Clay Pit** (dotted circle with lines), **Shingle** (dotted circle with lines), **Refuse Heap** (dotted circle with lines), **Sloping Masonry** (brick pattern), **Flat Rock** (dotted circle with lines)

**Marsh** (wavy lines), **Reeds** (wavy lines), **Osiers** (wavy lines), **Rough Pasture** (dotted circle with lines), **Furze** (dotted circle with lines), **Wood** (dotted circle with lines), **Mixed Wood** (dotted circle with lines), **Brushwood** (dotted circle with lines), **Orchard** (dotted circle with lines), **Fir** (dotted circle with lines), **Ford** (dotted circle with lines), **Stepping Stones** (dotted circle with lines), **Ferry** (dotted circle with lines), **Waterfall** (dotted circle with lines), **Lock** (dotted circle with lines)

**Trig. Station** (triangle), **Altitude at Trig. Station** (triangle with number), **Bench Mark** (upward arrow), **Surface Level** (plus sign), **Arrow denotes flow of water** (arrow), **Antiquities (site of)** (circle with cross)

**Cutting** (dotted circle with lines), **Embankment** (dotted circle with lines)

**Railway crossing Road** (crossing lines), **Level Crossing** (crossing lines), **Road crossing Railway** (crossing lines), **Railway crossing River or Canal** (crossing lines), **Road over single stream** (crossing lines), **Road over River or Canal** (crossing lines)

**County Boundary (Geographical)** (dashed line), **County & Civil Parish Boundary** (dotted line), **Administrative County & Civil Parish Boundary** (dotted line with cross), **County Borough Boundary (England)** (dotted line with cross), **County Borough Boundary (Scotland)** (dotted line with cross)

**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** (dotted circle), **Active Quarry, Chalk Pit or Clay Pit** (dotted circle with lines), **Rock** (dotted circle with lines), **Boulders** (dotted circle with lines), **Cliff** (dotted circle with lines), **Roofed Building** (brick pattern), **Glazed Roof Building** (brick pattern with lines), **Sloping Masonry** (brick pattern), **Archway** (brick pattern with lines), **Non-Coniferous Tree (surveyed)** (circle with cross), **Coniferous Tree (surveyed)** (circle with cross), **Non-Coniferous Trees (not surveyed)** (circle with cross), **Coniferous Trees (not surveyed)** (circle with cross), **Orchard Tree** (circle with cross), **Scrub** (circle with cross), **Bracken** (circle with cross), **Coppice, Osier** (circle with cross), **Reeds** (circle with cross), **Marsh, Saltings** (circle with cross), **Rough Grassland** (circle with cross), **Heath** (circle with cross), **Culvert** (circle with cross), **Direction of water flow** (arrow), **Bench Mark** (upward arrow), **Antiquity (site of)** (circle with cross), **Cave Entrance** (circle with cross), **Triangulation Station** (triangle), **Electricity Pylon** (square with cross)

**Electricity Transmission Line** (E T L) (dotted line with cross)

**County Boundary (Geographical)** (dashed line), **County & Civil Parish Boundary** (dotted line), **Civil Parish Boundary** (dotted line with cross), **Admin. County or County Bor. Boundary** (dotted line with cross), **London Borough Boundary** (dotted line with cross), **Symbol marking point where boundary mereing changes** (circle with cross)

**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** (dotted circle with lines), **Slopes** (dotted circle with lines), **Top** (dotted circle with lines), **Rock** (dotted circle with lines), **Rock (scattered)** (dotted circle with lines), **Boulders** (dotted circle with lines), **Boulders (scattered)** (dotted circle with lines), **Positioned Boulder** (dotted circle with lines), **Scree** (dotted circle with lines), **Non-Coniferous Tree (surveyed)** (circle with cross), **Coniferous Tree (surveyed)** (circle with cross), **Non-Coniferous Trees (not surveyed)** (circle with cross), **Coniferous Trees (not surveyed)** (circle with cross), **Orchard Tree** (circle with cross), **Scrub** (circle with cross), **Bracken** (circle with cross), **Coppice, Osier** (circle with cross), **Reeds** (circle with cross), **Marsh, Saltings** (circle with cross), **Rough Grassland** (circle with cross), **Heath** (circle with cross), **Culvert** (circle with cross), **Direction of water flow** (arrow), **Triangulation Station** (triangle), **Antiquity (site of)** (circle with cross), **Electricity Transmission Line** (E T L) (dotted line with cross), **Electricity Pylon** (square with cross), **BH 23160n** Bench Mark, **Buildings with Building Seed** (dotted circle with lines), **Roofed Building** (brick pattern), **Glazed Roof Building** (brick pattern with lines), **Civil parish/community boundary** (dotted line), **District boundary** (dotted line), **County boundary** (dotted line), **Boundary post/stone** (circle with cross), **Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)** (circle with cross)

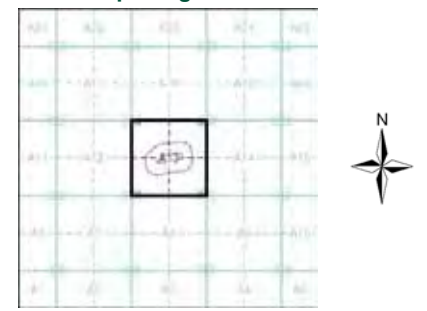
**Bks** Barracks, **P** Pillar, Pole or Post, **Bty** Battery, **PO** Post Office, **Cemy** Cemetery, **PC** Public Convenience, **Chy** Chimney, **Pp** Pump, **Cis** Cistern, **Ppg Sta** Pumping Station, **Dismtd Rly** Dismantled Railway, **PW** Place of Worship, **EI Gen Sta** Electricity Generating 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



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Essex	1:2,500	1865	2
Essex	1:2,500	1870	3
Essex	1:2,500	1897	4
Essex	1:2,500	1919	5
Essex	1:2,500	1939	6
Historical Aerial Photography	1:1,250	1946	7
Ordnance Survey Plan	1:2,500	1956 - 1957	8
Ordnance Survey Plan	1:1,250	1956	9
Ordnance Survey Plan	1:1,250	1969 - 1972	10
Supply of Unpublished Survey Information	1:1,250	1974	11
Large-Scale National Grid Data	1:1,250	1991	12
Large-Scale National Grid Data	1:1,250	1996	13

## Historical Map - Segment A13



## Order Details

Order Number: 52120584\_1\_1  
 Customer Ref: UK13.1429  
 National Grid Reference: 538130, 191540  
 Slice: A  
 Site Area (Ha): 1.13  
 Search Buffer (m): 100

## Site Details

Site at 538160, 191560



Essex

Published 1865

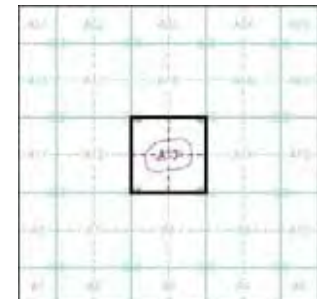
Source map scale - 1:2,500

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 A13

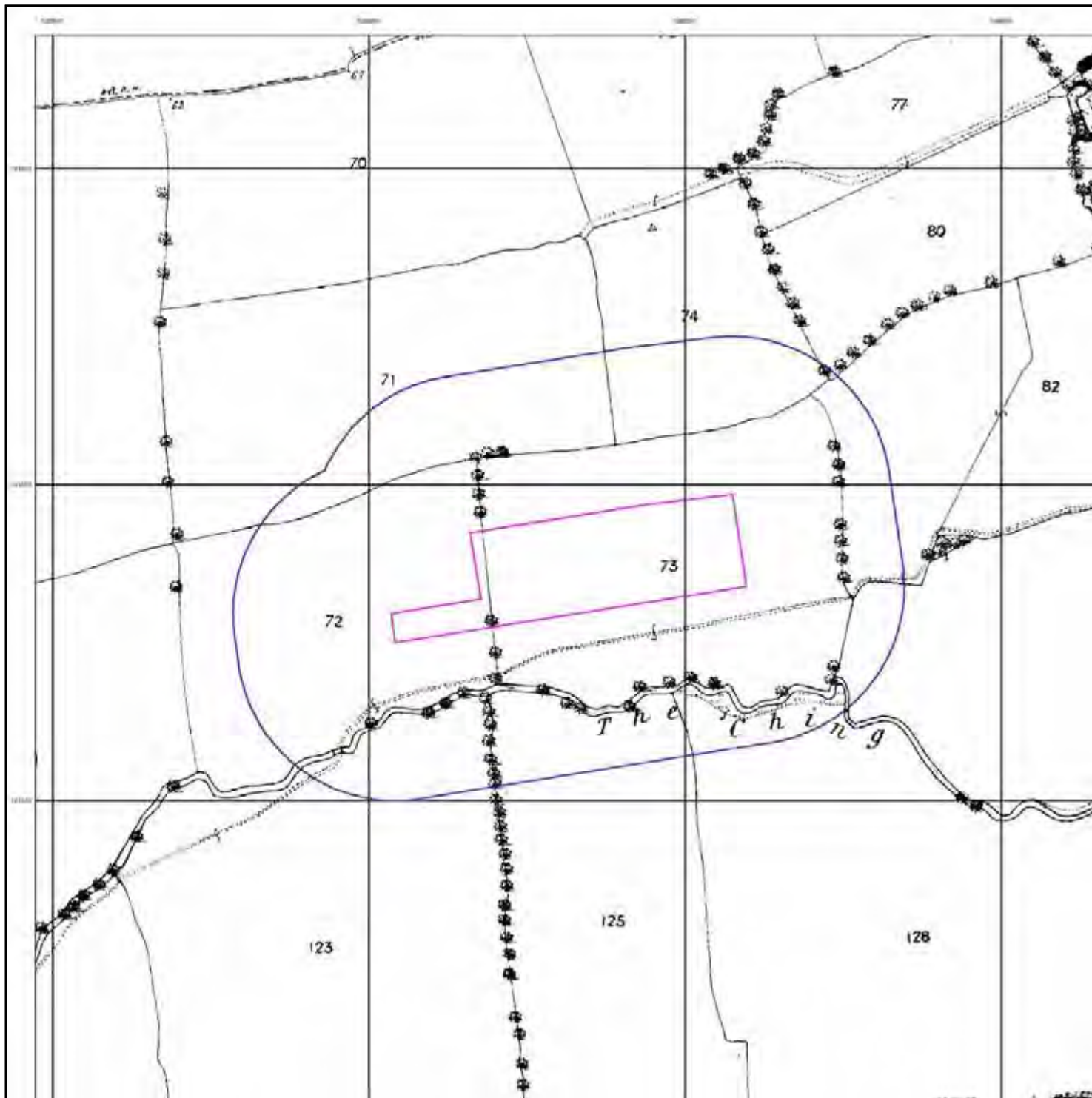


#### Order Details

Order Number: 52120584\_1\_1  
 Customer Ref: UK13.1429  
 National Grid Reference: 538130, 191540  
 Slice: A  
 Site Area (Ha): 1.13  
 Search Buffer (m): 100

#### Site Details

Site at 538160, 191560





**Essex**

**Published 1876**

**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 of a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

**Map Name(s) and Date(s)**



**Historical Map - Slice A**



**Order Details**

Order Number: 52120584\_1\_1  
 Customer Ref: UK13.1429  
 National Grid Reference: 538130, 191540  
 Slice: A  
 Site Area (Ha): 1.13  
 Search Buffer (m): 1000

**Site Details**

Site at 538160, 191560