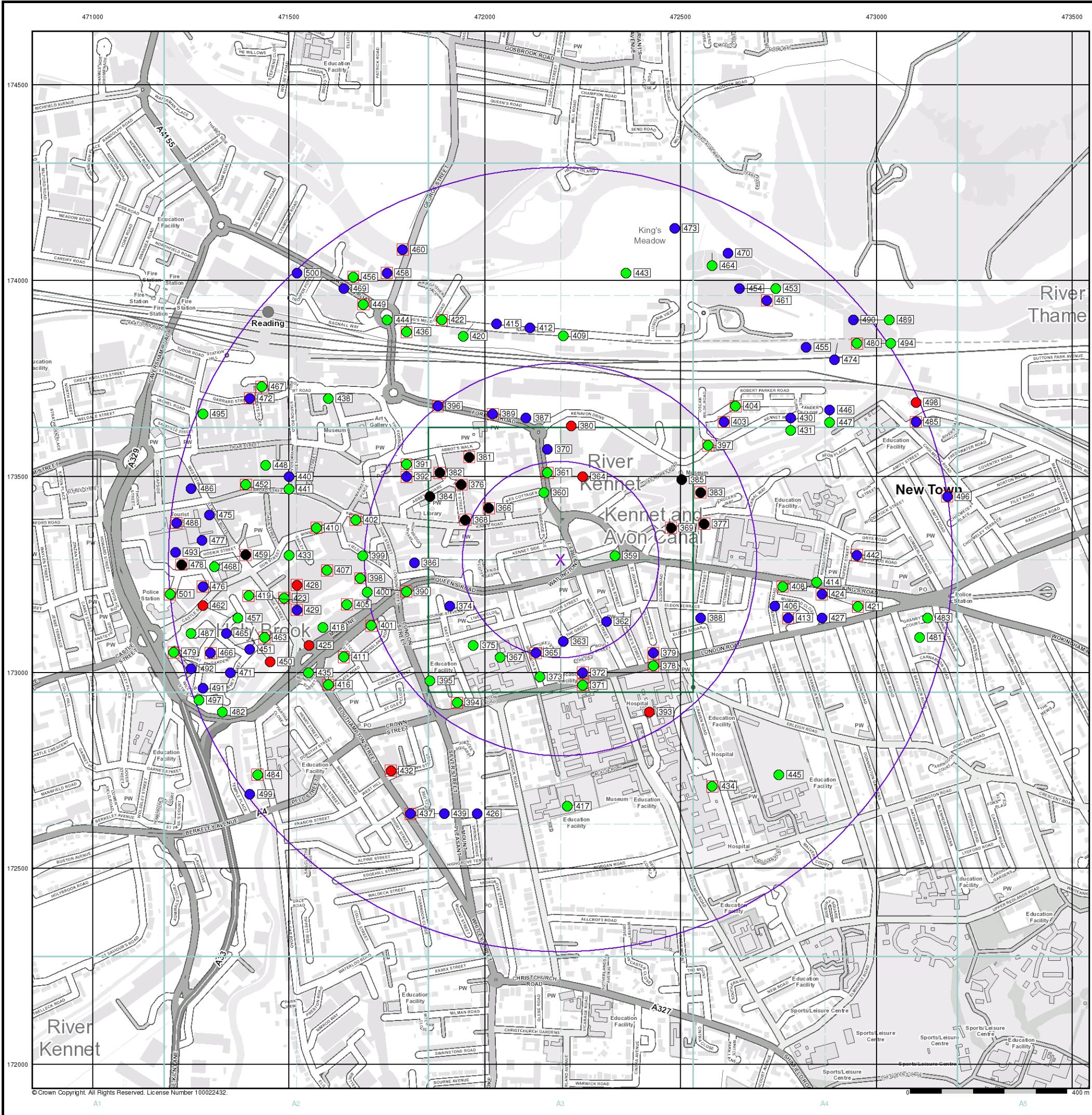




General

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

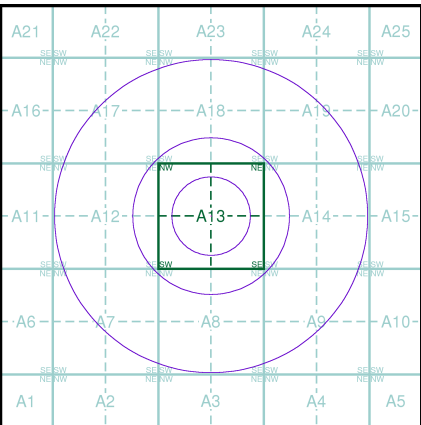
Agency and Hydrological (Boreholes)

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

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

A copy of the BGS Borehole Ordering Form is available to download from the Support section of [www.envirocheck.co.uk](http://www.envirocheck.co.uk).

Borehole Map - Slice A



Order Details

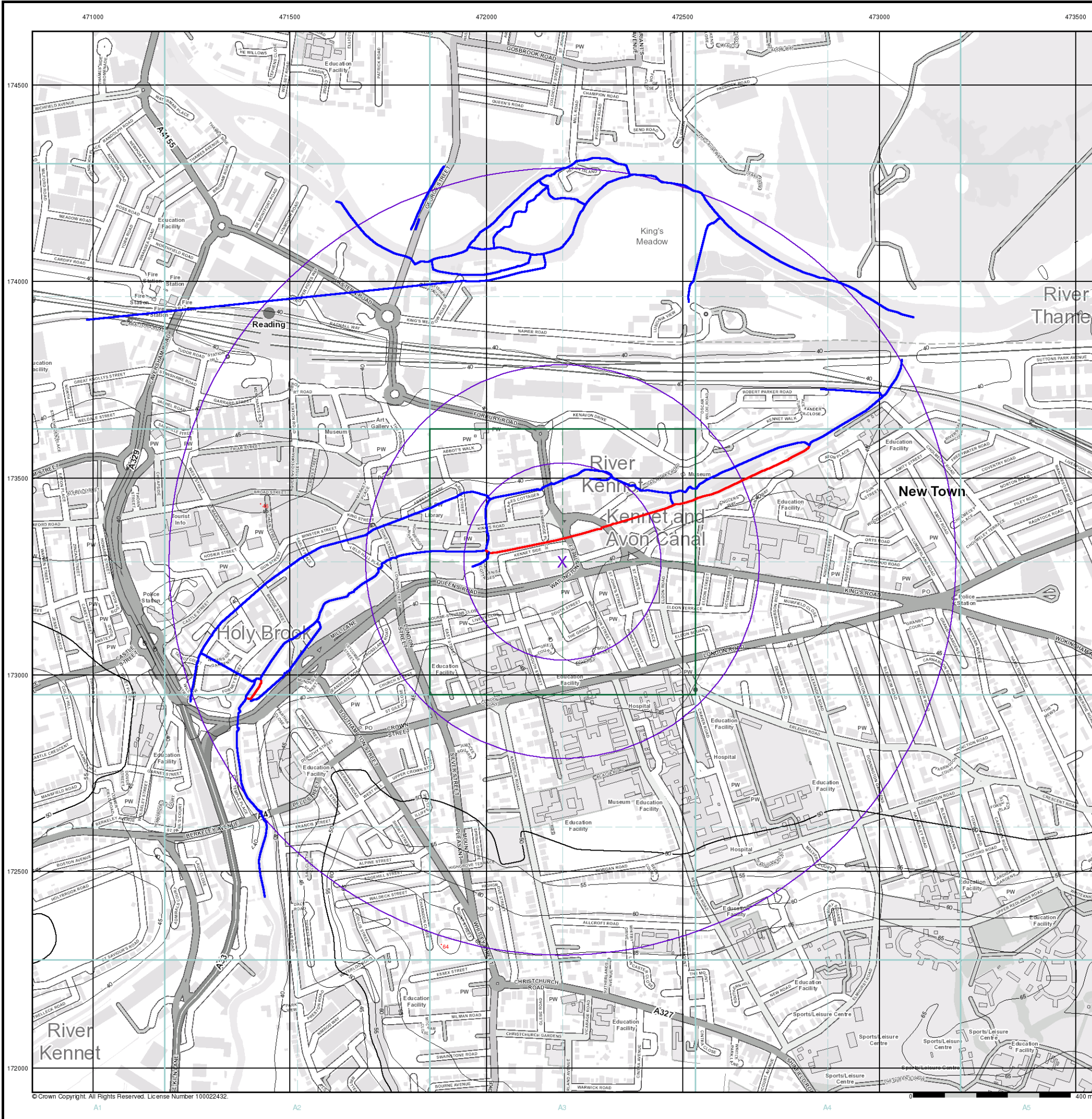
Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 1000

Site Details

57, Queens Road, READING, RG1 4BN



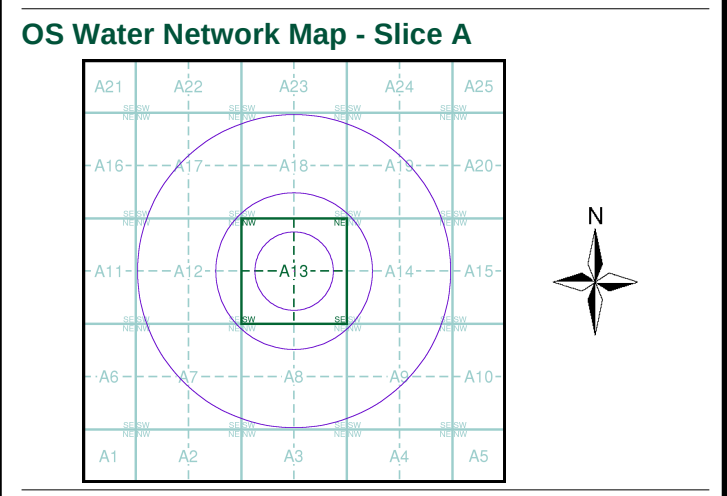
Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)



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

- OS Water Network Data**
- |              |                         |
|--------------|-------------------------|
| Canal        | Drain                   |
| Reservoir    | Other                   |
| Foreshore    | Lake                    |
| Marsh        | Transfer                |
| Tidal River  | Lock Or Flight Of Locks |
| Inland River | Sea                     |

- Contours (height in meters)**
- Standard Contour: 105, 100, 95
- Master Contour: 105, 100, 95
- Spot Height: 167.3
- MLW: Mean Low Water
- MHW: Mean High Water



**Order Details**

Order Number: 152113190\_1\_1

Customer Ref: J18003

National Grid Reference: 472190, 173290

Slice: A

Site Area (Ha): 0.01

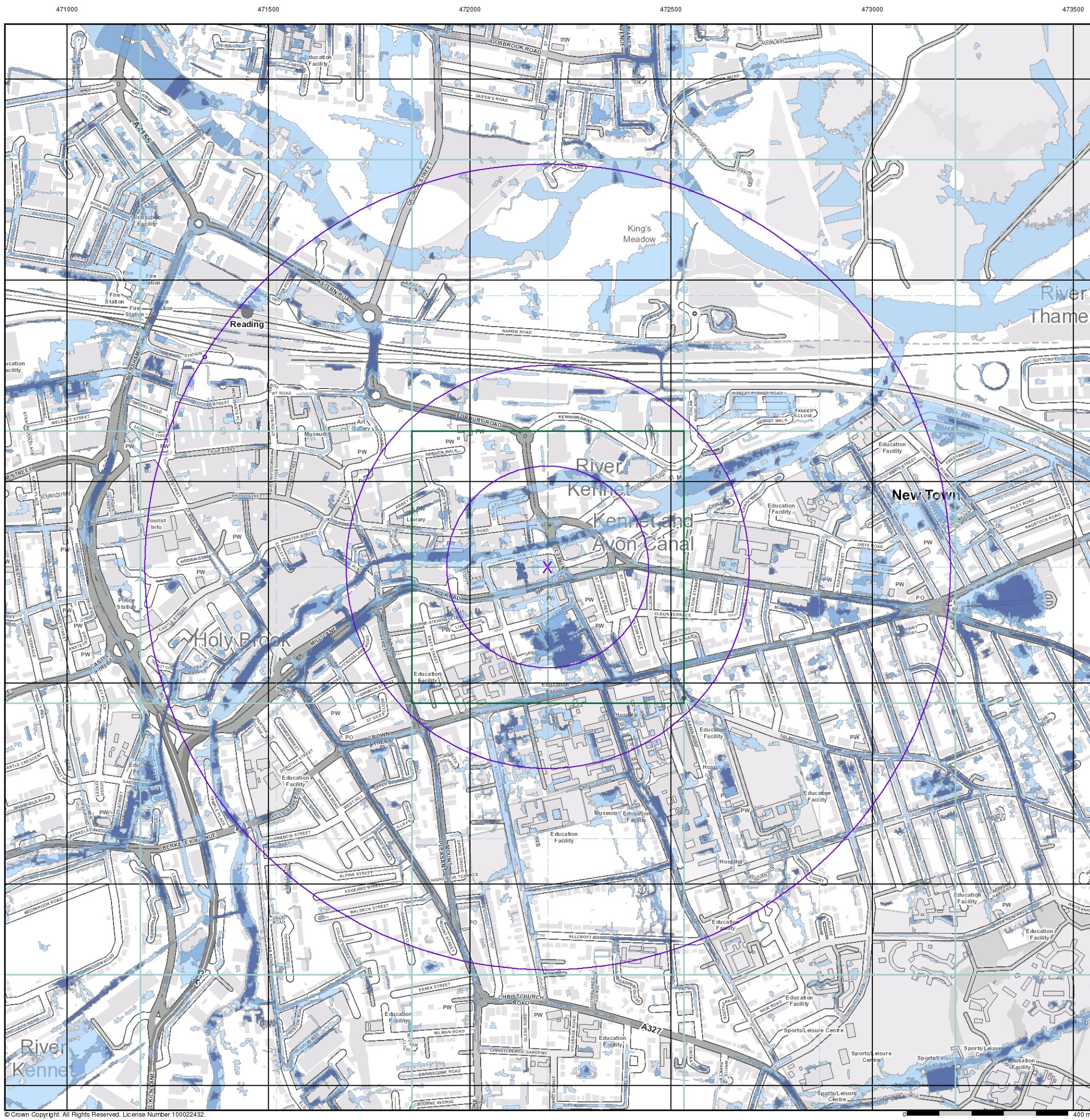
Search Buffer (m): 1000

**Site Details**

57, Queens Road, READING, RG1 4BN

**Landmark**  
INFORMATION GROUP

Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)

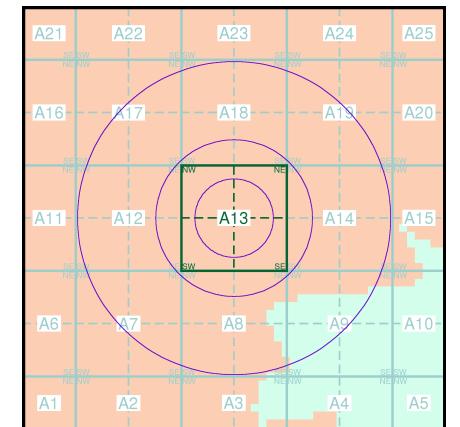


- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point

- Risk of Flooding from Surface Water**
- High - 30 Year Return
  - Medium - 100 Year Return
  - Low - 1000 Year Return

- Suitability**  
See the suitability map below
- National to county
  - County to town
  - Town to street
  - Street to parcels of land
  - Property

**EA/NRW Suitability Map - Slice A**



**Order Details**

Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 1000

**Site Details**  
57, Queens Road, READING, RG1 4BN

472000

472200

472400

173600

173600

173400

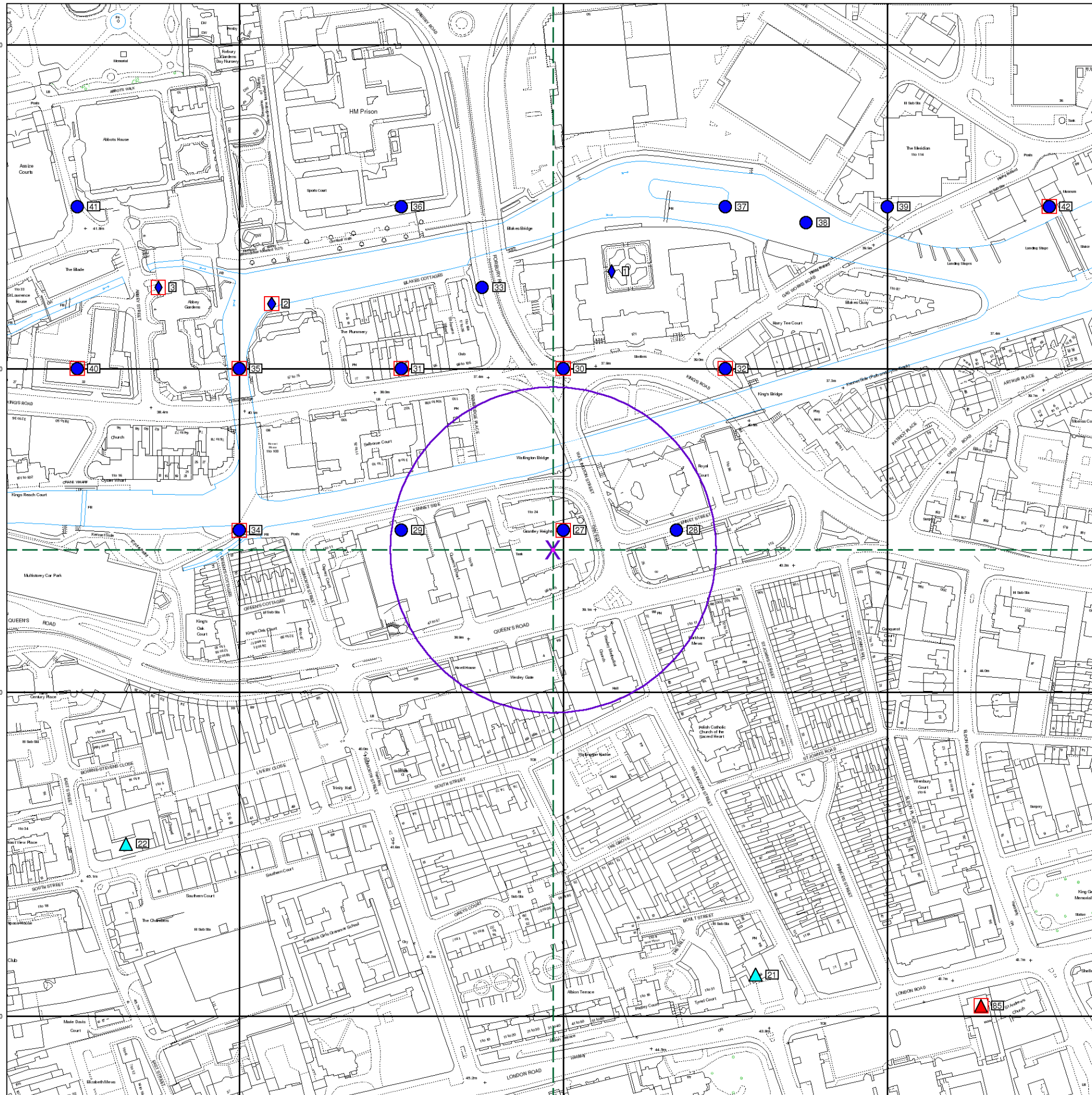
173400

173200

173200

173000

173000



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0 100 m



### General

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

### Agency and Hydrological

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

### Hazardous Substances

- COMAH Site
- Explosive Site
- NIHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement
- BGS Recorded Mineral Site

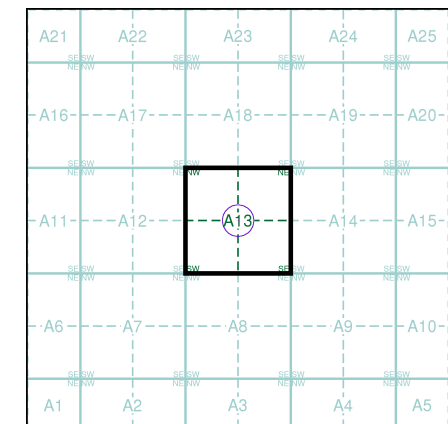
### Geological

- BGS Recorded Mineral Site

### Waste

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

### Site Sensitivity Map - Segment A13



### Order Details

Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Plot Buffer (m): 100

### Site Details

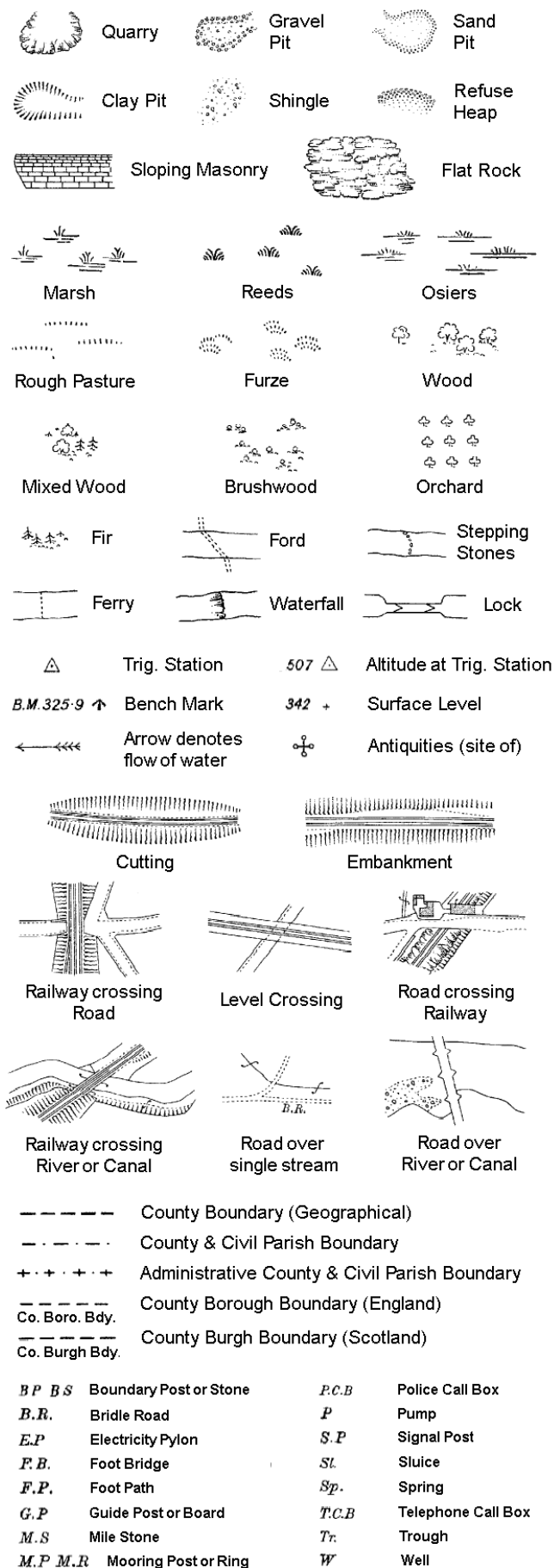
57, Queens Road, READING, RG1 4BN

**Landmark**  
INFORMATION GROUP

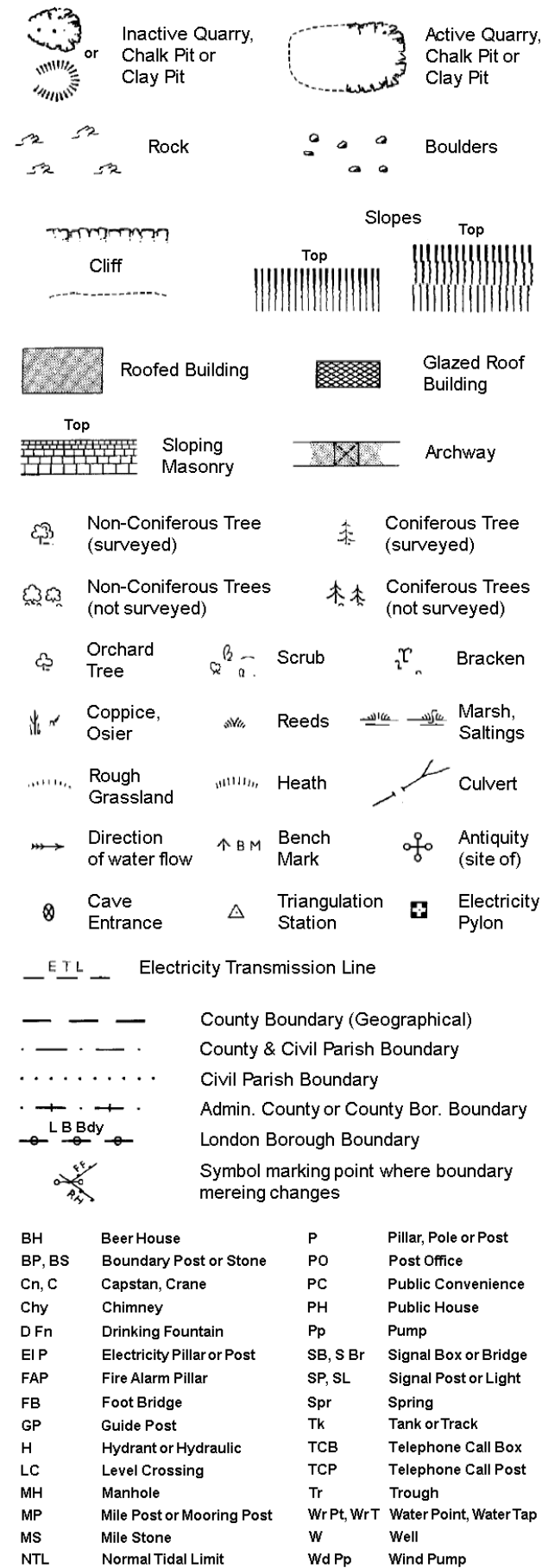
Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk

# Historical Mapping Legends

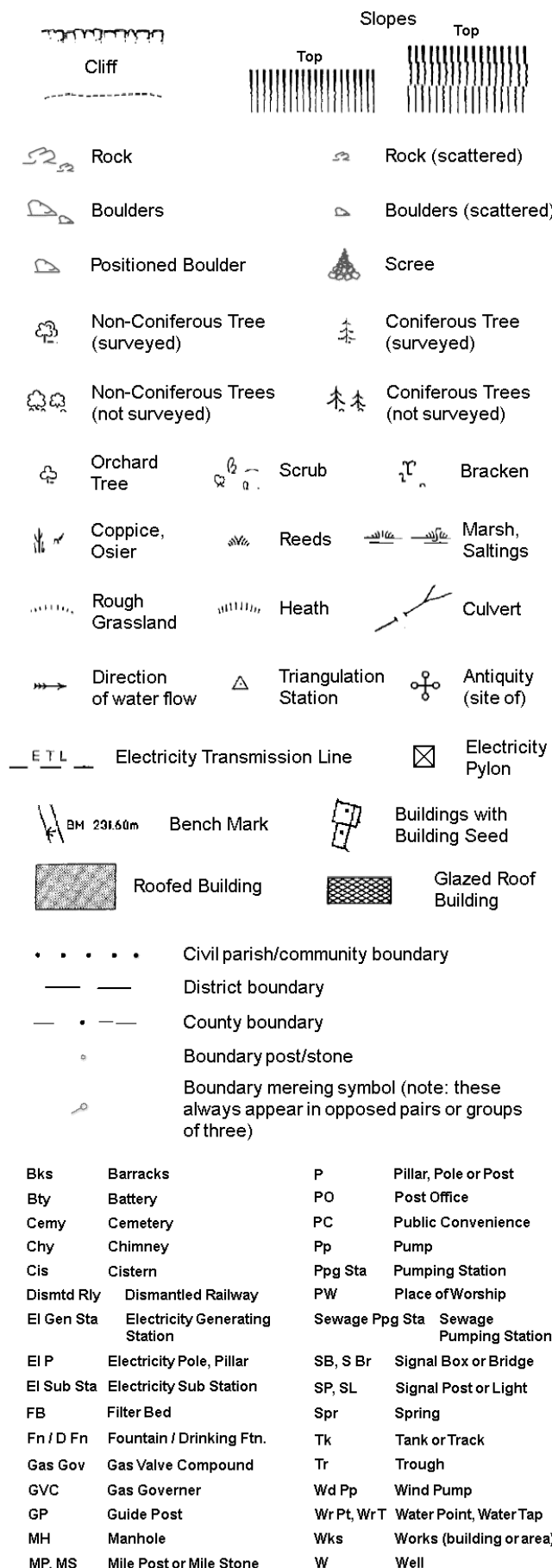
## Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



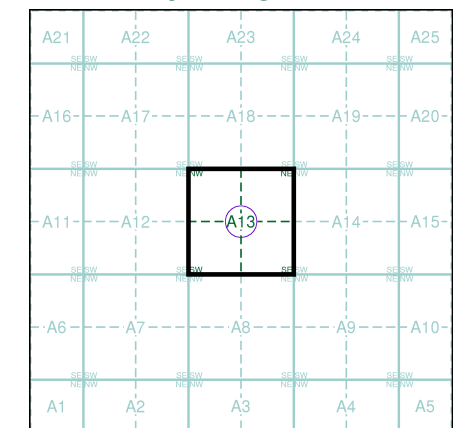
## Large-Scale National Grid Data 1:2,500 and 1:1,250



## Historical Mapping & Photography included:

| Mapping Type                   | Scale   | Date        | Pg |
|--------------------------------|---------|-------------|----|
| Berkshire                      | 1:2,500 | 1879        | 2  |
| Berkshire                      | 1:2,500 | 1899        | 3  |
| Berkshire                      | 1:2,500 | 1912        | 4  |
| Berkshire                      | 1:2,500 | 1931        | 5  |
| Ordnance Survey Plan           | 1:1,250 | 1957 - 1958 | 6  |
| Additional SIMs                | 1:1,250 | 1957 - 1989 | 7  |
| Ordnance Survey Plan           | 1:2,500 | 1958        | 8  |
| Additional SIMs                | 1:2,500 | 1959        | 9  |
| Ordnance Survey Plan           | 1:1,250 | 1962 - 1973 | 10 |
| Ordnance Survey Plan           | 1:1,250 | 1968 - 1991 | 11 |
| Ordnance Survey Plan           | 1:2,500 | 1971        | 12 |
| Additional SIMs                | 1:1,250 | 1979 - 1991 | 13 |
| Additional SIMs                | 1:1,250 | 1982 - 1992 | 14 |
| Ordnance Survey Plan           | 1:1,250 | 1986 - 1988 | 15 |
| Additional SIMs                | 1:1,250 | 1986        | 16 |
| Large-Scale National Grid Data | 1:1,250 | 1993        | 17 |
| Large-Scale National Grid Data | 1:1,250 | 1996        | 18 |
| Historical Aerial Photography  | 1:2,500 | 1999        | 19 |

## Historical Map - Segment A13



## Order Details

Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 100

## Site Details

57, Queens Road, READING, RG1 4BN



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

# 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 |  |               |
|  | Surface Level                                 |  |                             |  |               |
|  | Sketched Contour                              |  | Instrumental Contour        |  |               |
|  | Main Roads                                    |  | Fenced<br>Un-Fenced         |  | Minor Roads   |
|  | 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

|  |                                                                                               |  |                               |
|--|-----------------------------------------------------------------------------------------------|--|-------------------------------|
|  | 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                         |
|  | Marsh                                                                                         |  | Reeds                         |
|  | Saltings                                                                                      |  |                               |
|  | Building                                                                                      |  | Direction of Flow of Water    |
|  | Glasshouse                                                                                    |  | Shingle                       |
|  | Sloping Masonry                                                                               |  | Sand                          |
|  | 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<br>Shown only when not coincident with other boundaries |  |                               |
|  | Civil Parish<br>Shown alternately when coincidence of boundaries occurs                       |  |                               |
|  | Boundary Post or Stone                                                                        |  | Police Station                |
|  | Church                                                                                        |  | Post Office                   |
|  | Club House                                                                                    |  | Public Convenience            |
|  | Fire Engine Station                                                                           |  | Public House                  |
|  | Foot Bridge                                                                                   |  | Signal Box                    |
|  | Fountain                                                                                      |  | Spring                        |
|  | Guide Post                                                                                    |  | Telephone Call Box            |
|  | Mile Post                                                                                     |  | Telephone Call Post           |
|  | Mile Stone                                                                                    |  | Well                          |

## 1:10,000 Raster Mapping

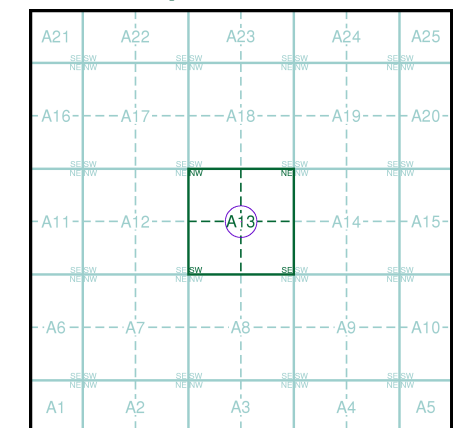
|  |                                                          |  |                                            |
|--|----------------------------------------------------------|--|--------------------------------------------|
|  | Gravel Pit                                               |  | Refuse tip 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                                |
|  | 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 |
|-------------------------------|----------|-------------|----|
| Oxfordshire                   | 1:10,560 | 1882        | 3  |
| Berkshire                     | 1:10,560 | 1883        | 4  |
| Oxfordshire                   | 1:10,560 | 1900        | 5  |
| Berkshire                     | 1:10,560 | 1900        | 6  |
| Berkshire                     | 1:10,560 | 1901        | 7  |
| Oxfordshire                   | 1:10,560 | 1901        | 8  |
| Berkshire                     | 1:10,560 | 1913 - 1914 | 9  |
| Berkshire                     | 1:10,560 | 1933        | 10 |
| Berkshire                     | 1:10,560 | 1938        | 11 |
| Berkshire                     | 1:10,560 | 1938        | 12 |
| Historical Aerial Photography | 1:10,560 | 1948        | 13 |
| Ordnance Survey Plan          | 1:10,000 | 1962        | 14 |
| Ordnance Survey Plan          | 1:10,000 | 1973        | 15 |
| Ordnance Survey Plan          | 1:10,000 | 1979        | 16 |
| Ordnance Survey Plan          | 1:10,000 | 1990        | 17 |
| Reading                       | 1:10,000 | 1990        | 18 |
| Ordnance Survey Plan          | 1:10,000 | 1995        | 19 |
| 10K Raster Mapping            | 1:10,000 | 1999        | 20 |
| 10K Raster Mapping            | 1:10,000 | 2006        | 21 |
| VectorMap Local               | 1:10,000 | 2017        | 22 |

## Historical Map - Slice A



## Order Details

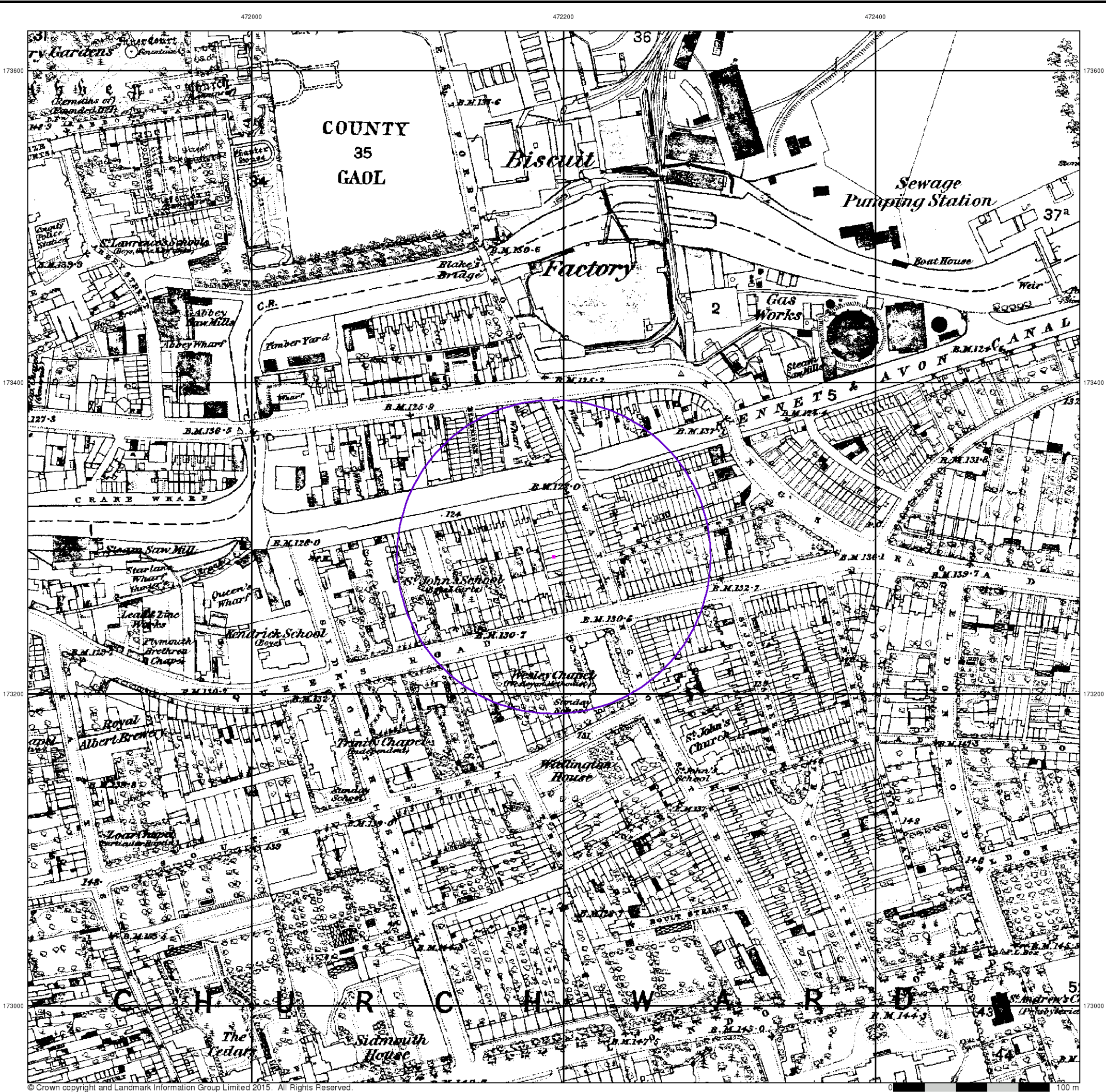
Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 1000

## Site Details

57, Queens Road, READING, RG1 4BN

**Landmark**  
INFORMATION GROUP

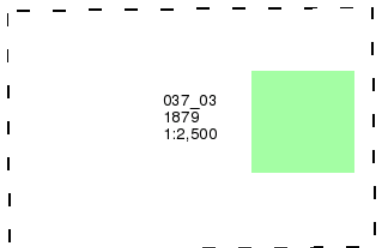
Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk



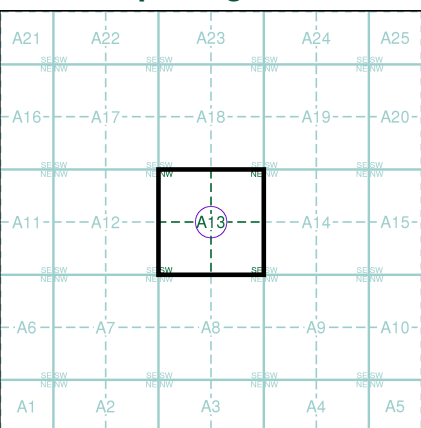
**Berkshire**  
**Published 1879**  
**Source map scale - 1:2,500**

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**

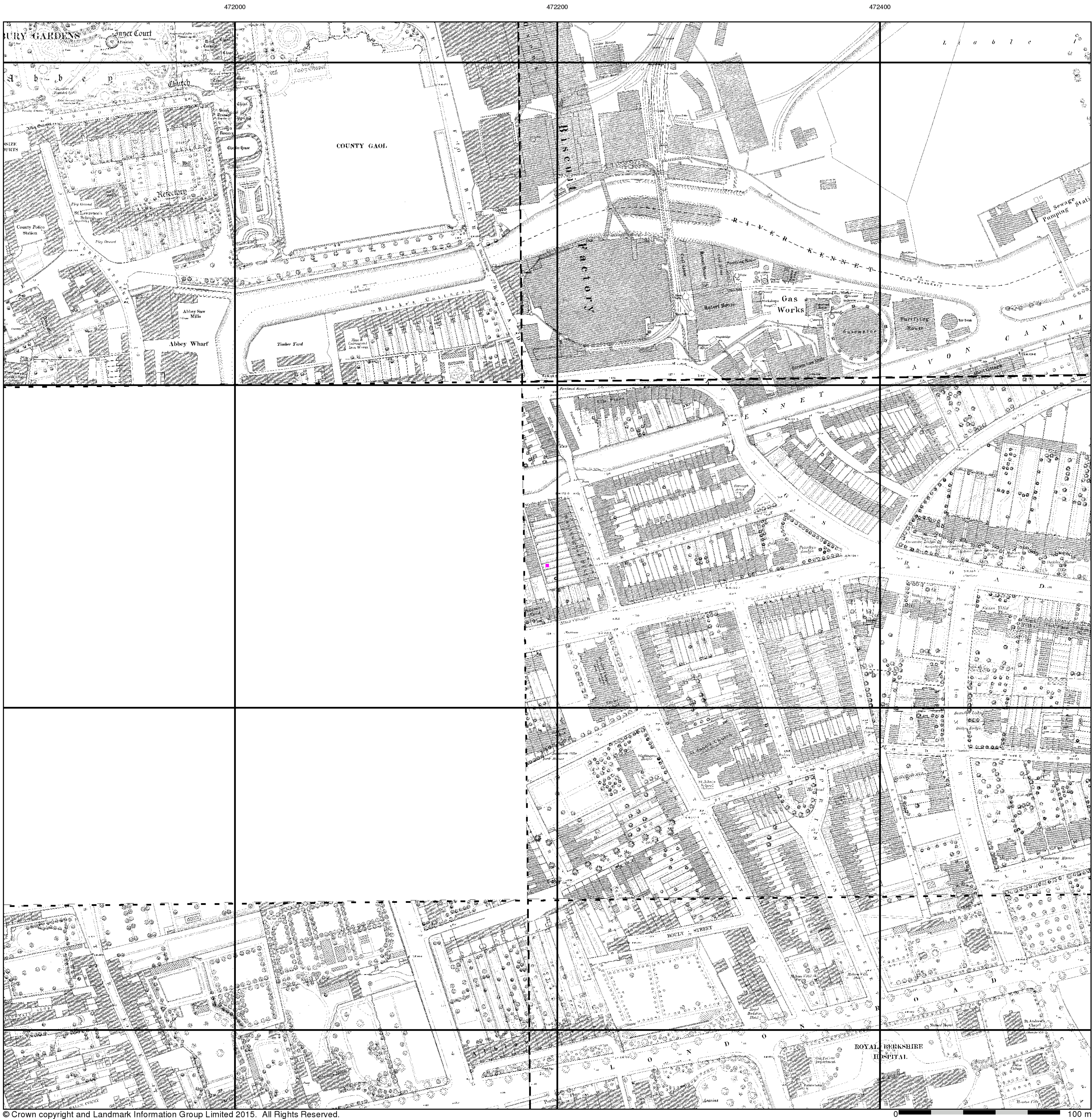
Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 100

**Site Details**

57, Queens Road, READING, RG1 4BN



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Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)



Berkshire

Published 1879

Source map scale - 1:500

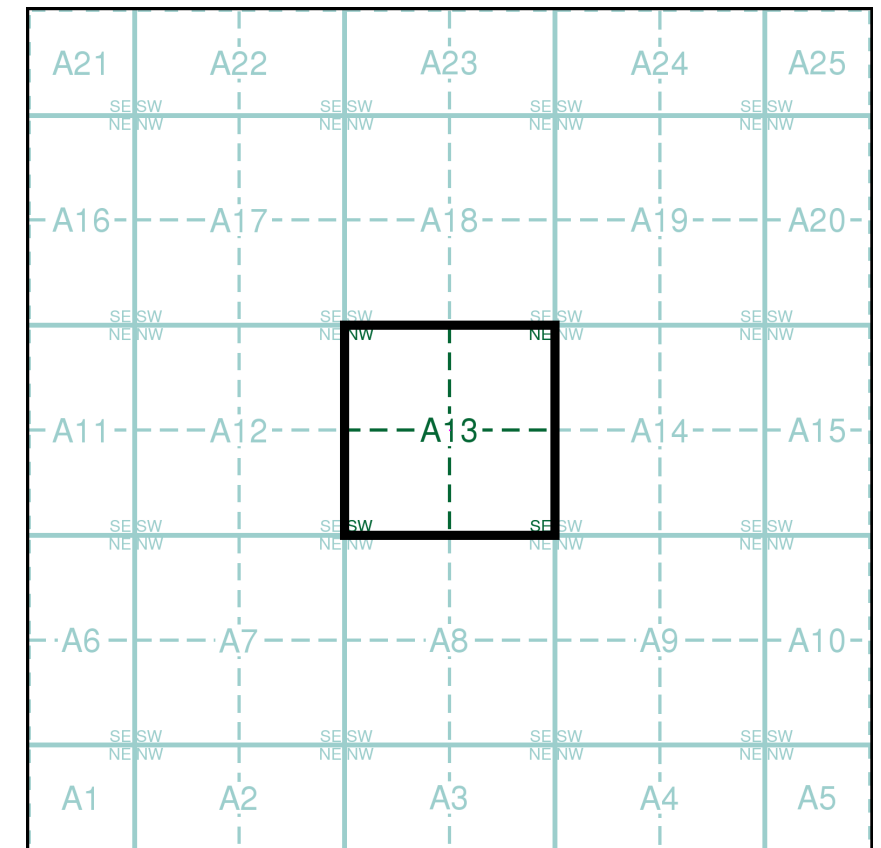
The 1:500 scale Ordnance Survey mapping was introduced in 1855 as a replacement for the 1:528 scale and to compliment the 1:2500 scale that had been implemented in 1853. By 1895, the 1:500 scale covered most towns over a population of about 4000 at the time of survey, although very few towns were mapped more than once at this scale, and none have been since 1910. The 1:500 scale gives particular emphasis to such features as lamp posts, man holes, arched passages and minor building projections. Also often featured are divisions between tenements, interior ground floor layouts of public buildings, and on earlier plans, the functions of the various parts of larger industrial premises are also indicated. Content of the plans does vary however, from one town to the next in terms of, for example, the completeness of railway tracks and the coverage of public buildings.

Please note: Due to the partial coverage of Historical Town Plans, it is possible that not all segments within an order will contain mapping. Only the segments that have Town Plan coverage will be generated.

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

|            |            |
|------------|------------|
| 037_03_009 | 037_03_010 |
| 1879       | 1879       |
| 1:500      | 1:500      |
| 037_03_015 | 037_03_016 |
| 1879       | 1879       |
| 1:500      | 1:500      |
| 037_03_019 | 037_03_020 |
| 1879       | 1879       |
| 1:500      | 1:500      |

### Historical Town Plan - Segment A13



### Order Details

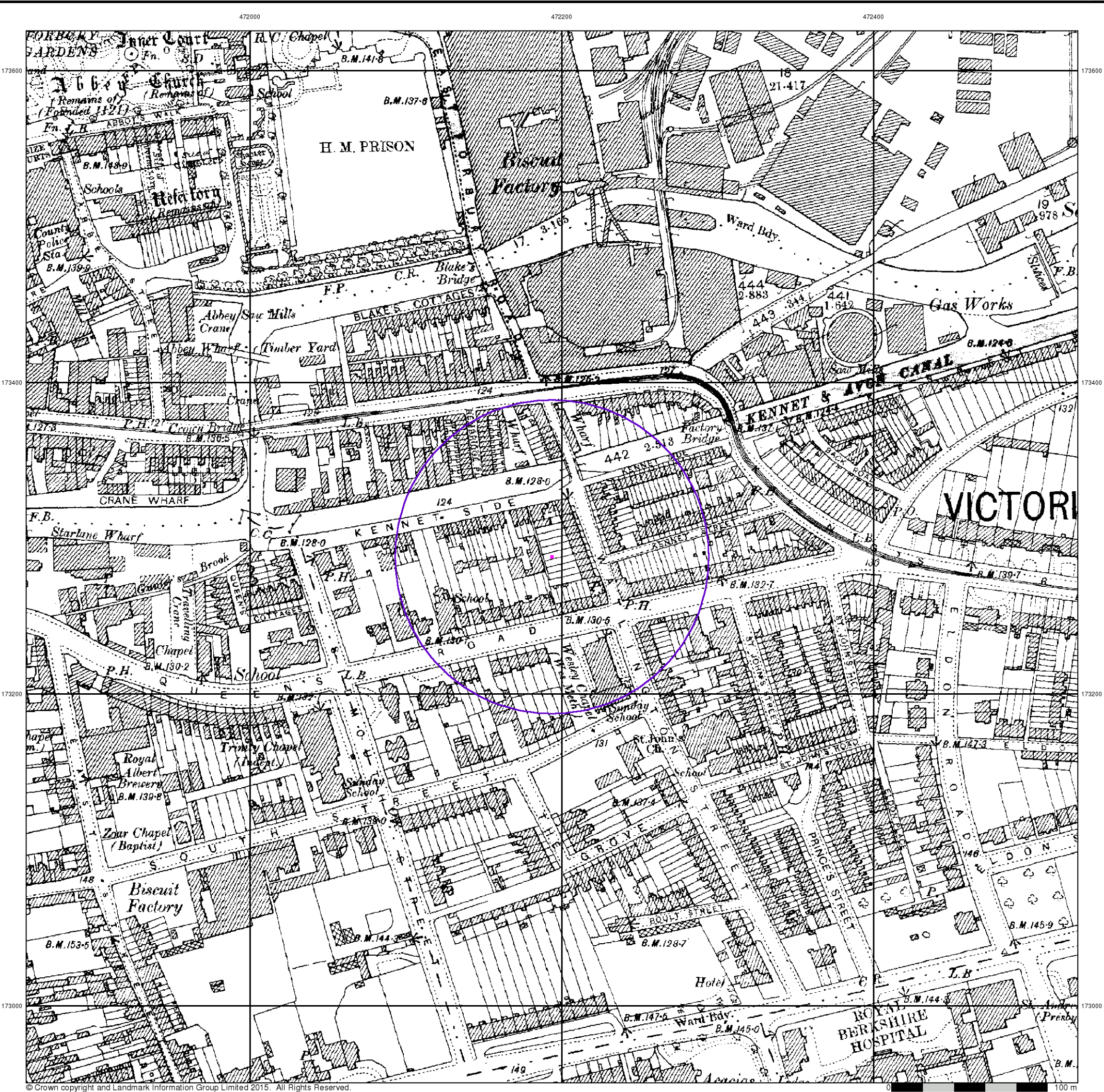
Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 0

### Site Details

57, Queens Road, READING, RG1 4BN



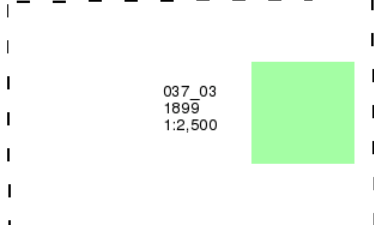
Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk



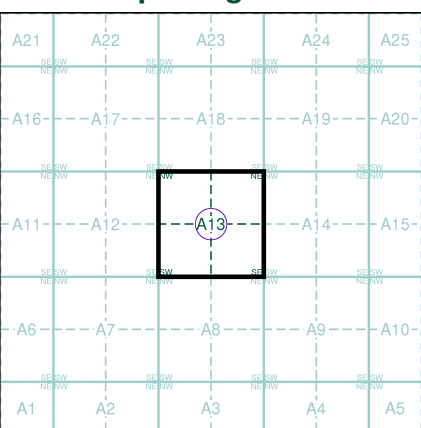
**Berkshire**  
**Published 1899**  
**Source map scale - 1:2,500**

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**

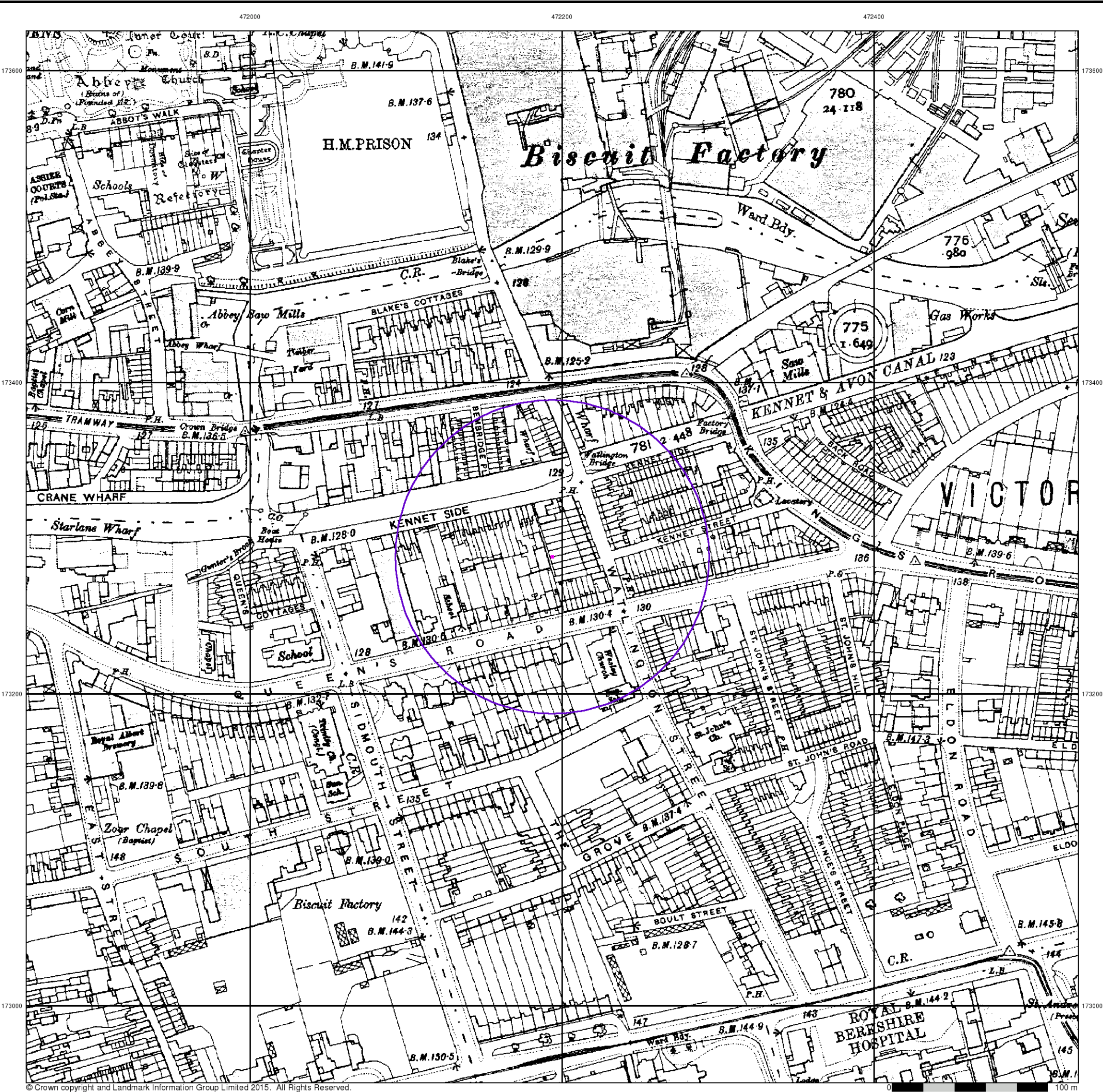
Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 100

**Site Details**

57, Queens Road, READING, RG1 4BN



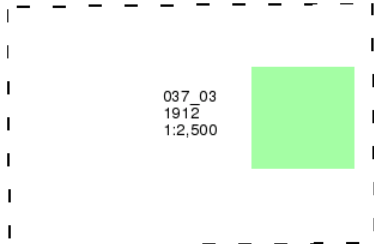
Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk



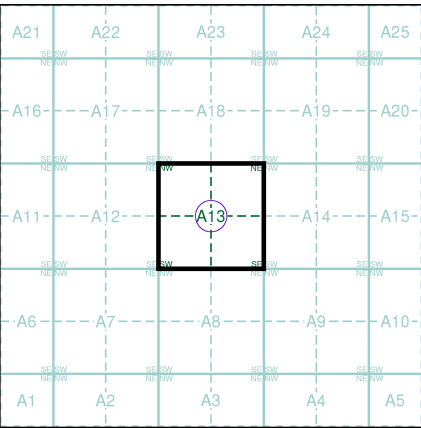
**Berkshire**  
**Published 1912**  
**Source map scale - 1:2,500**

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

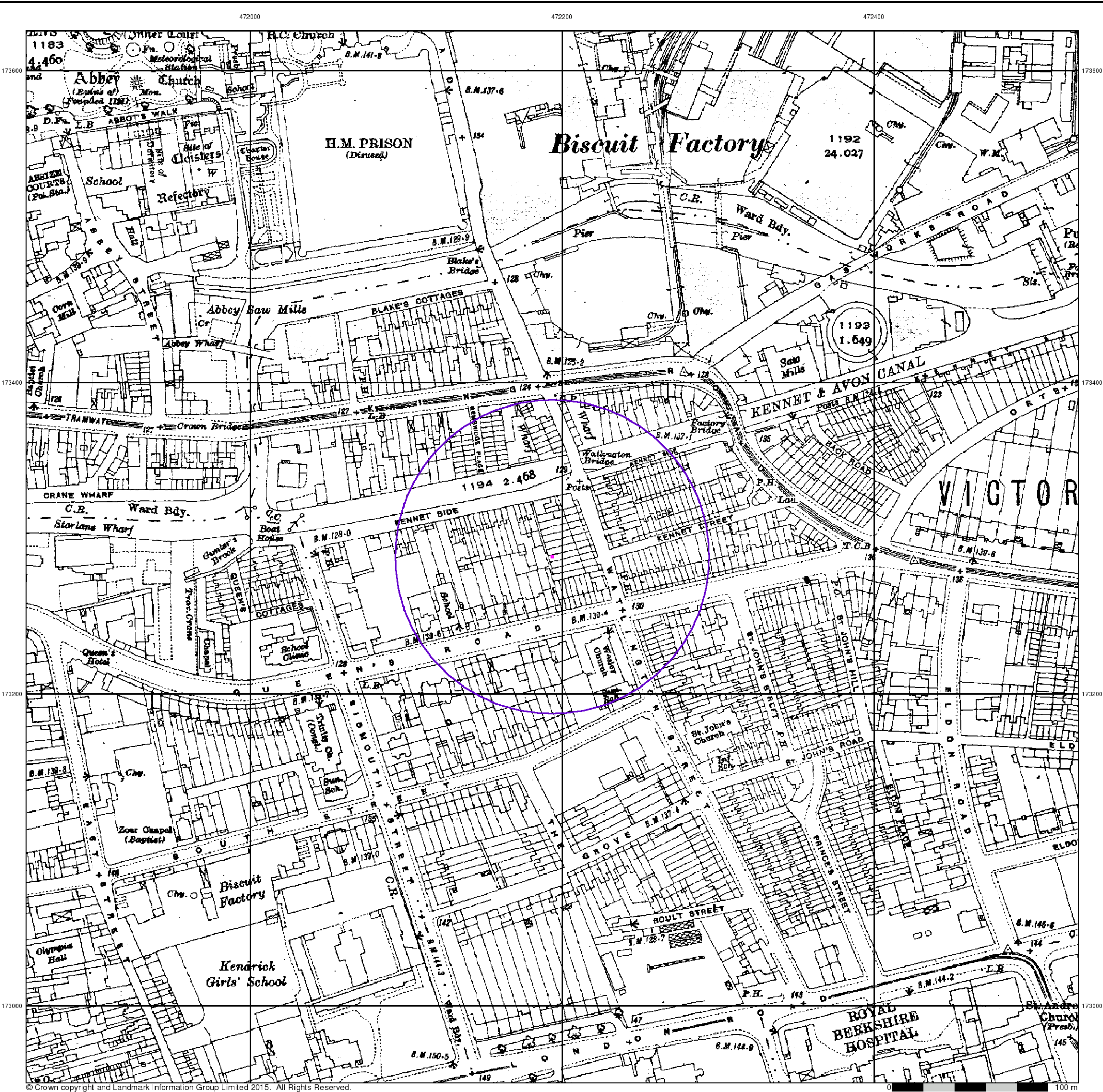
Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 100

### Site Details

57, Queens Road, READING, RG1 4BN



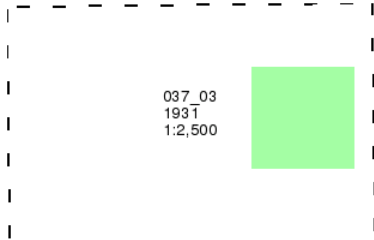
Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk



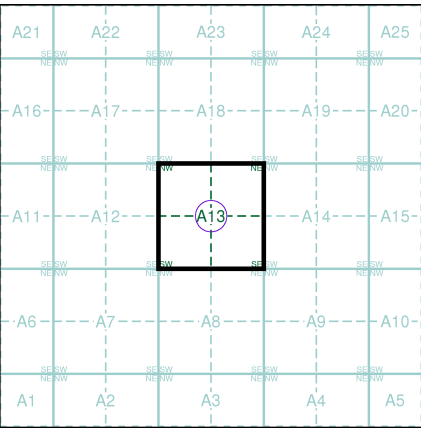
**Berkshire**  
**Published 1931**  
**Source map scale - 1:2,500**

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**

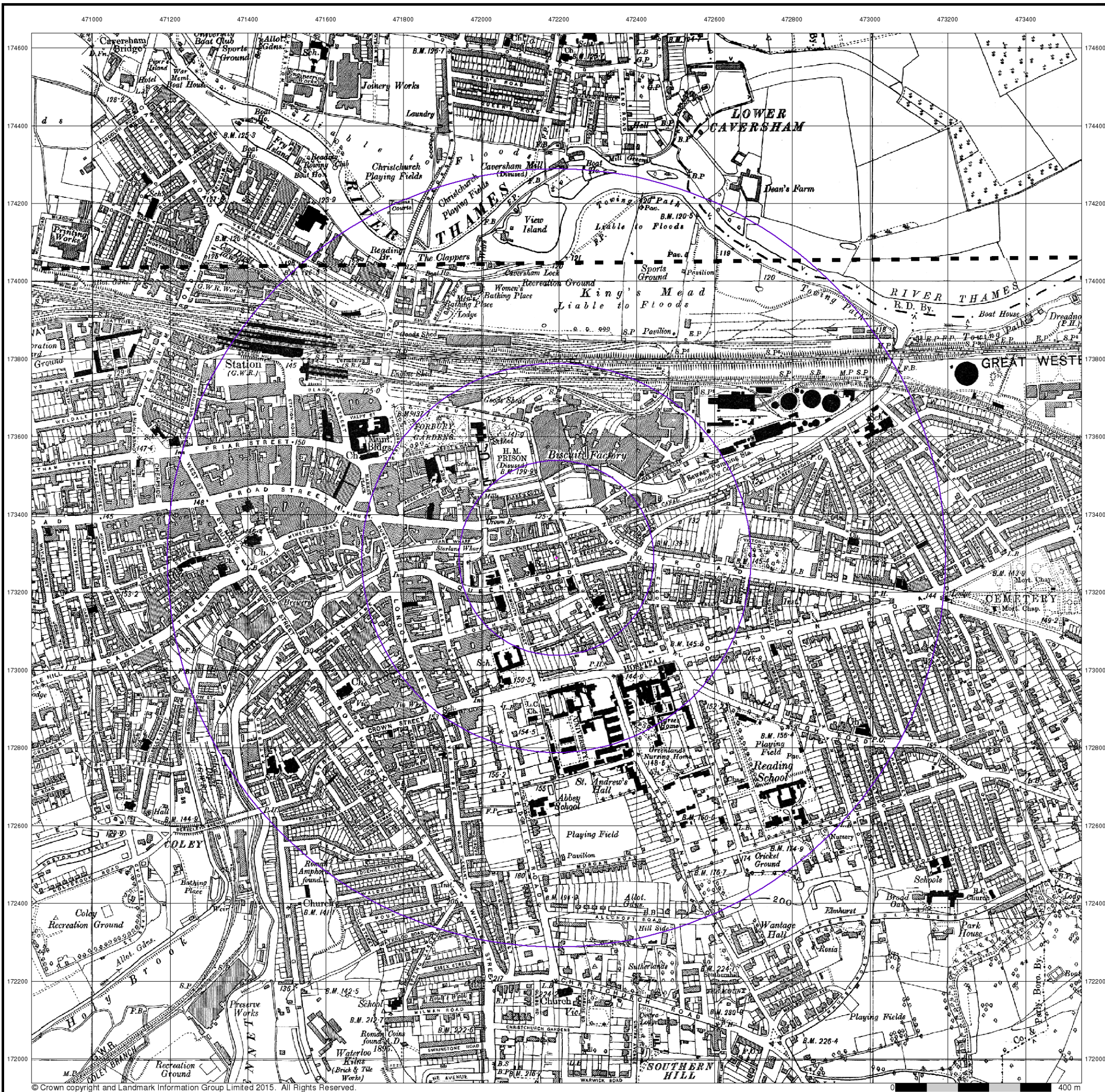
Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 100

**Site Details**

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**Berkshire**

**Published 1938**

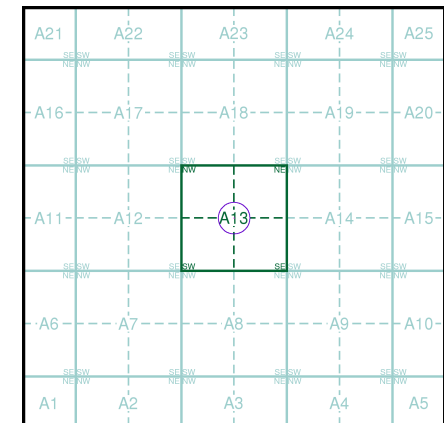
**Source map scale - 1:10,560**

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)

|          |
|----------|
| 029SE    |
| 1938     |
| 1:10,560 |
| 037NE    |
| 1938     |
| 1:10,560 |

### Historical Map - Slice A



### Order Details

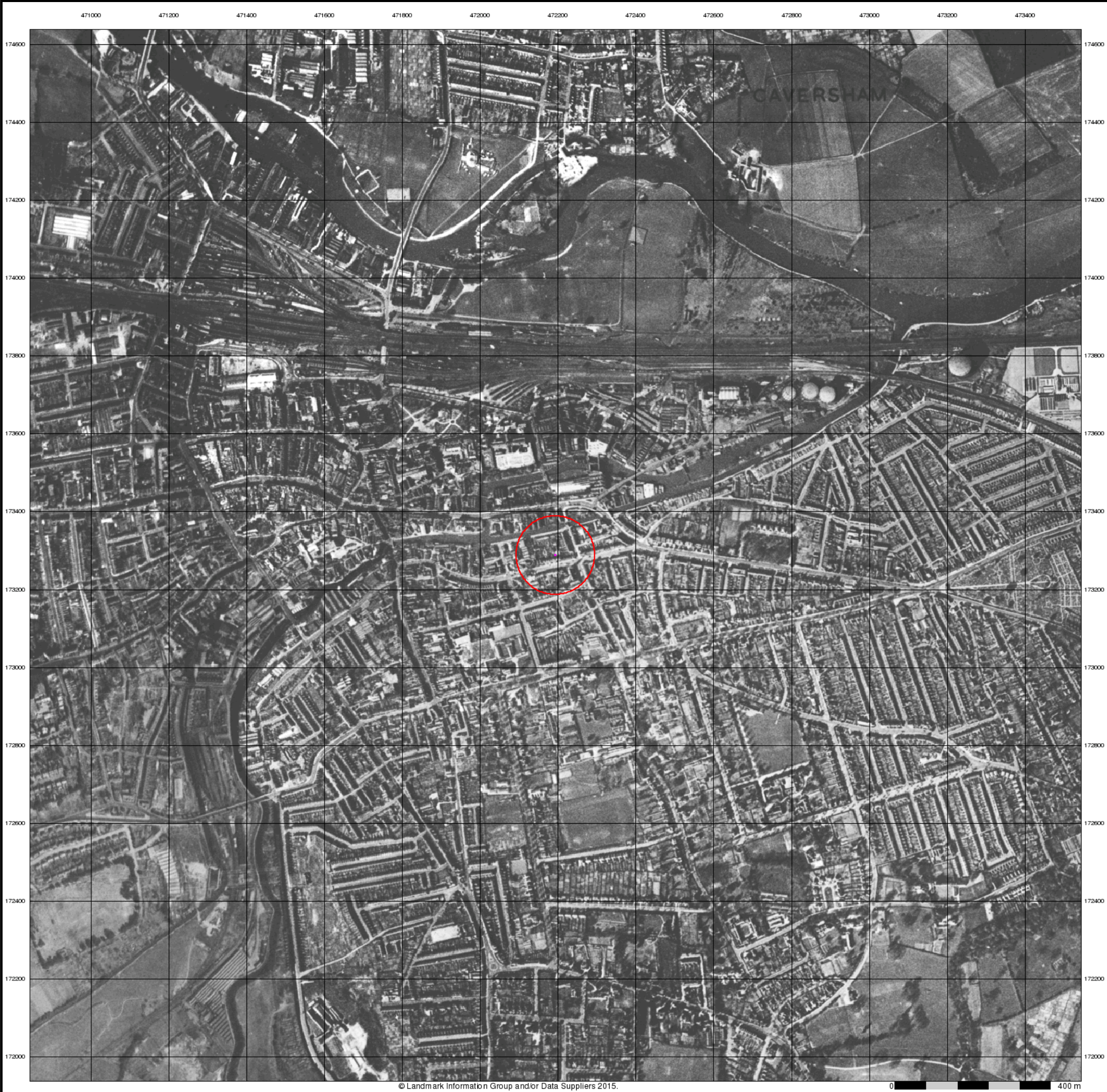
Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 1000

### Site Details

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0 400 m



## Historical Aerial Photography

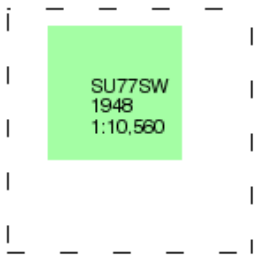
### Published 1948

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

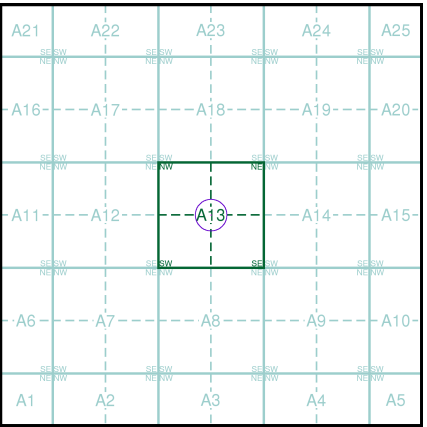
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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



### Historical Aerial Photography - Slice A



### Order Details

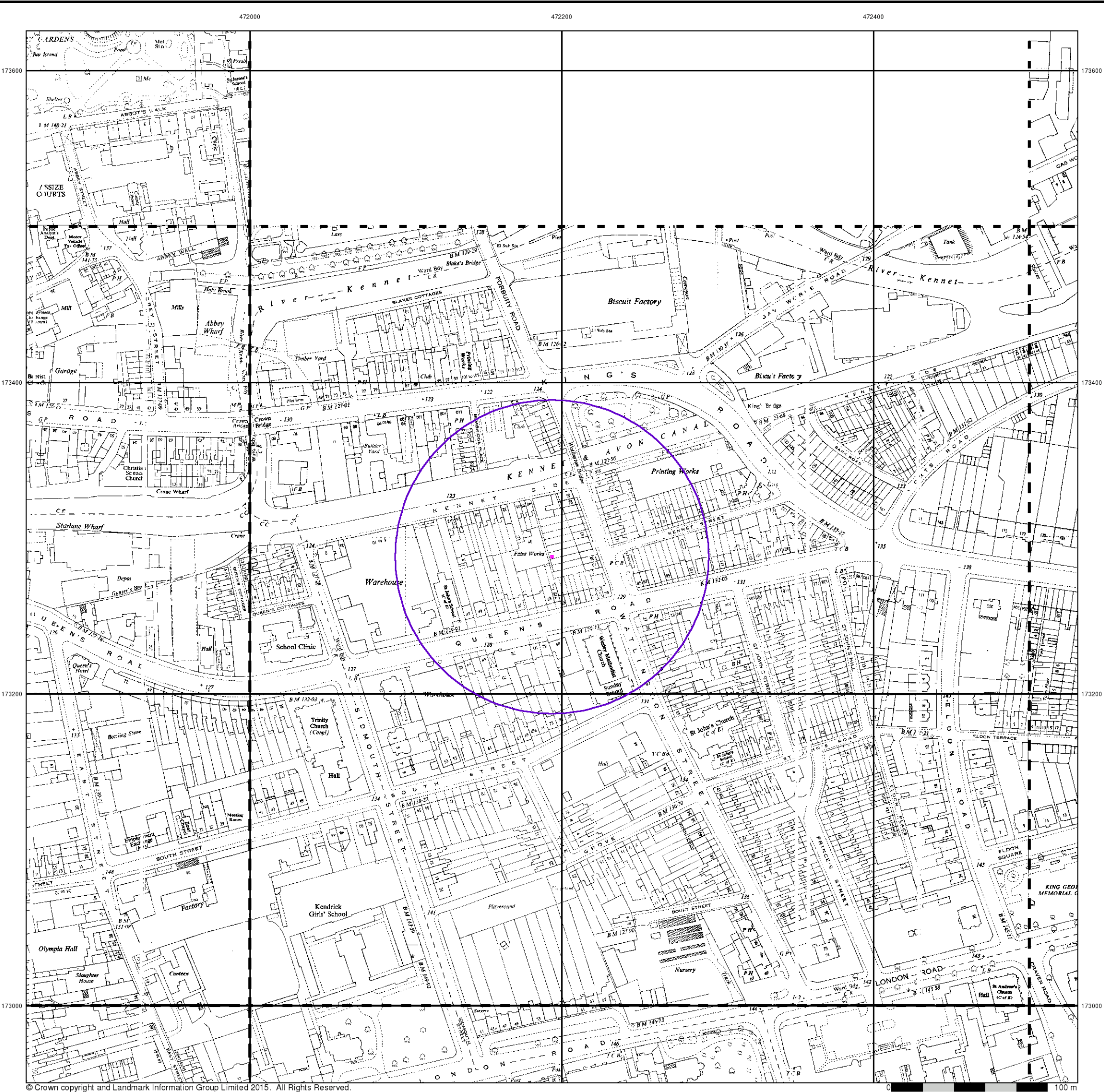
Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 1000

### Site Details

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# Ordnance Survey Plan

## Published 1957 - 1958

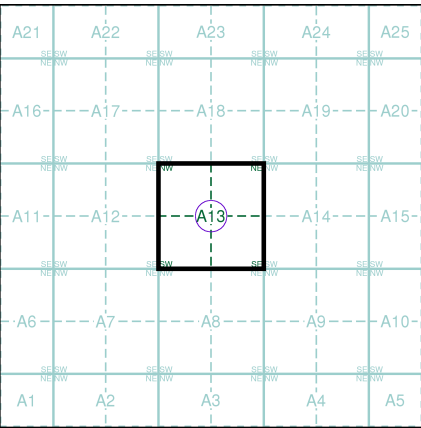
### Source map scale - 1:1,250

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

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

|          |      |         |
|----------|------|---------|
| BU7173NE | 1957 | 1:1,250 |
| BU7273NE | 1957 | 1:1,250 |
| BU7173SE | 1957 | 1:1,250 |
| BU7273SW | 1957 | 1:1,250 |
| BU7273SE | 1957 | 1:1,250 |
| BU7172NE | 1958 | 1:1,250 |
| BU7272NW | 1958 | 1:1,250 |
| BU7272NE | 1958 | 1:1,250 |

### Historical Map - Segment A13



### Order Details

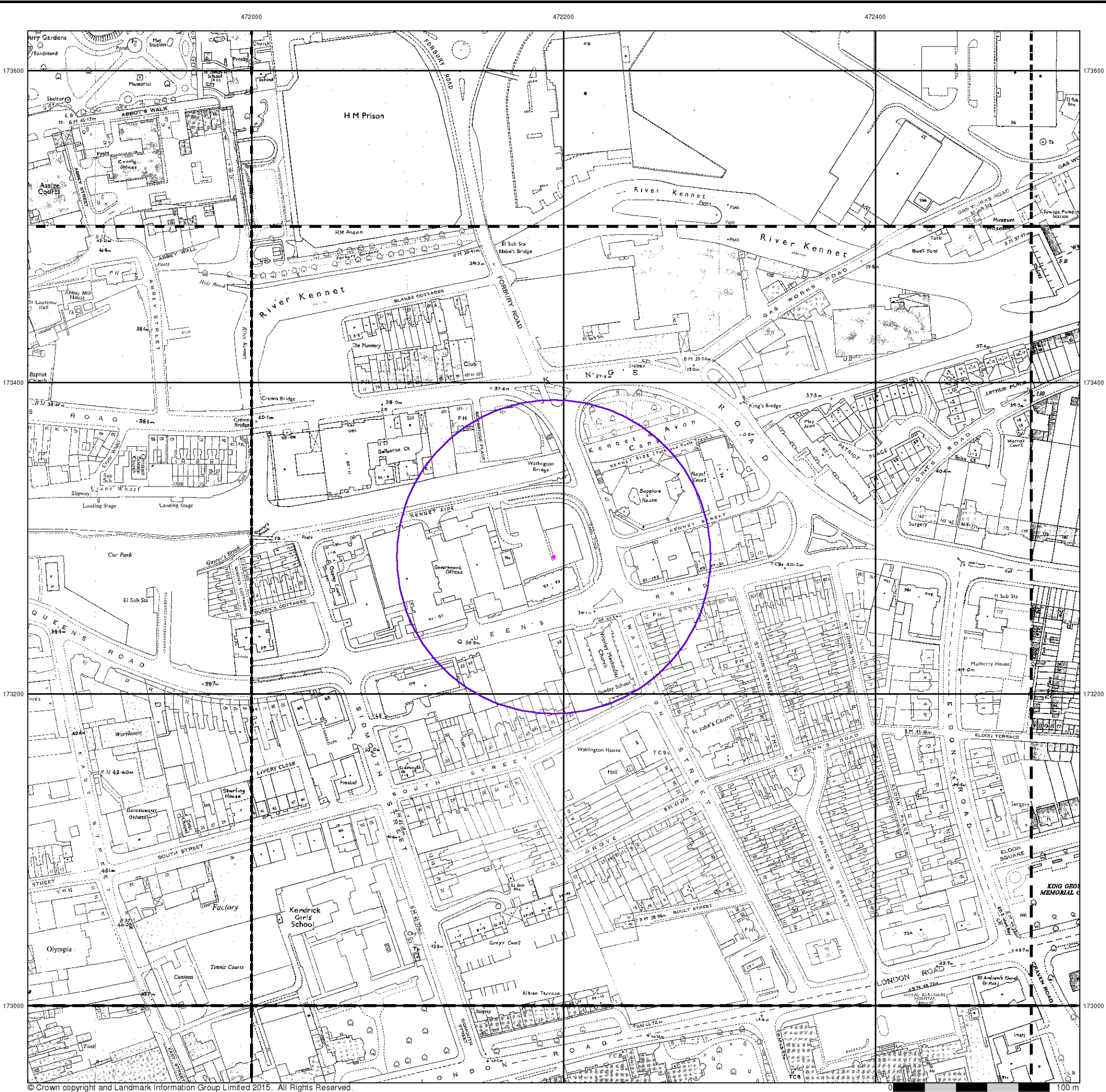
Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 100

### Site Details

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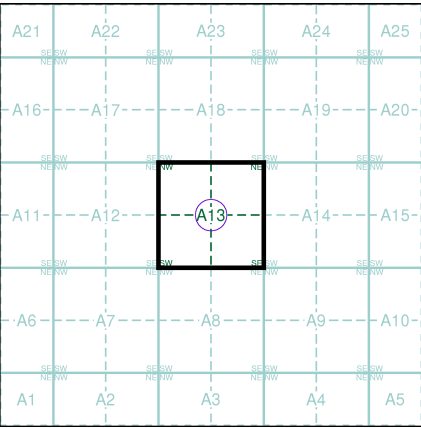
**Additional SIMs**  
**Published 1957 - 1989**  
**Source map scale - 1:1,250**

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions of 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)**

|          |          |          |
|----------|----------|----------|
| 5U7173NE | 5U7273NW | 5U7273NE |
| 1979     | 1988     | 1983     |
| 1:1,250  | 1:1,250  | 1:1,250  |
| 5U7173SE | 5U7273SW | 5U7273SE |
| 1979     | 1989     | 1957     |
| 1:1,250  | 1:1,250  | 1:1,250  |
| 5U7172NE | 5U7272NW | 5U7272NE |
| 1972     | 1978     | 1978     |
| 1:1,250  | 1:1,250  | 1:1,250  |

**Historical Map - Segment A13**



**Order Details**

Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 100

**Site Details**

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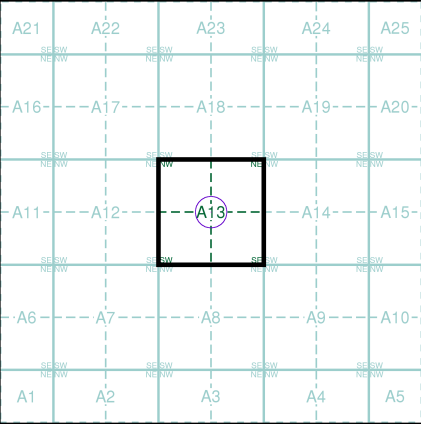
**Ordnance Survey Plan**  
**Published 1968 - 1991**  
**Source map scale - 1:1,250**

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

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

|          |      |         |  |
|----------|------|---------|--|
| BU7173NE | 1971 | 1:1,250 |  |
| BU7173SE | 1968 | 1:1,250 |  |
| BU7273SW | 1991 | 1:1,250 |  |
| BU7273SE | 1986 | 1:1,250 |  |
| BU7172NE | 1982 | 1:1,250 |  |

**Historical Map - Segment A13**



**Order Details**

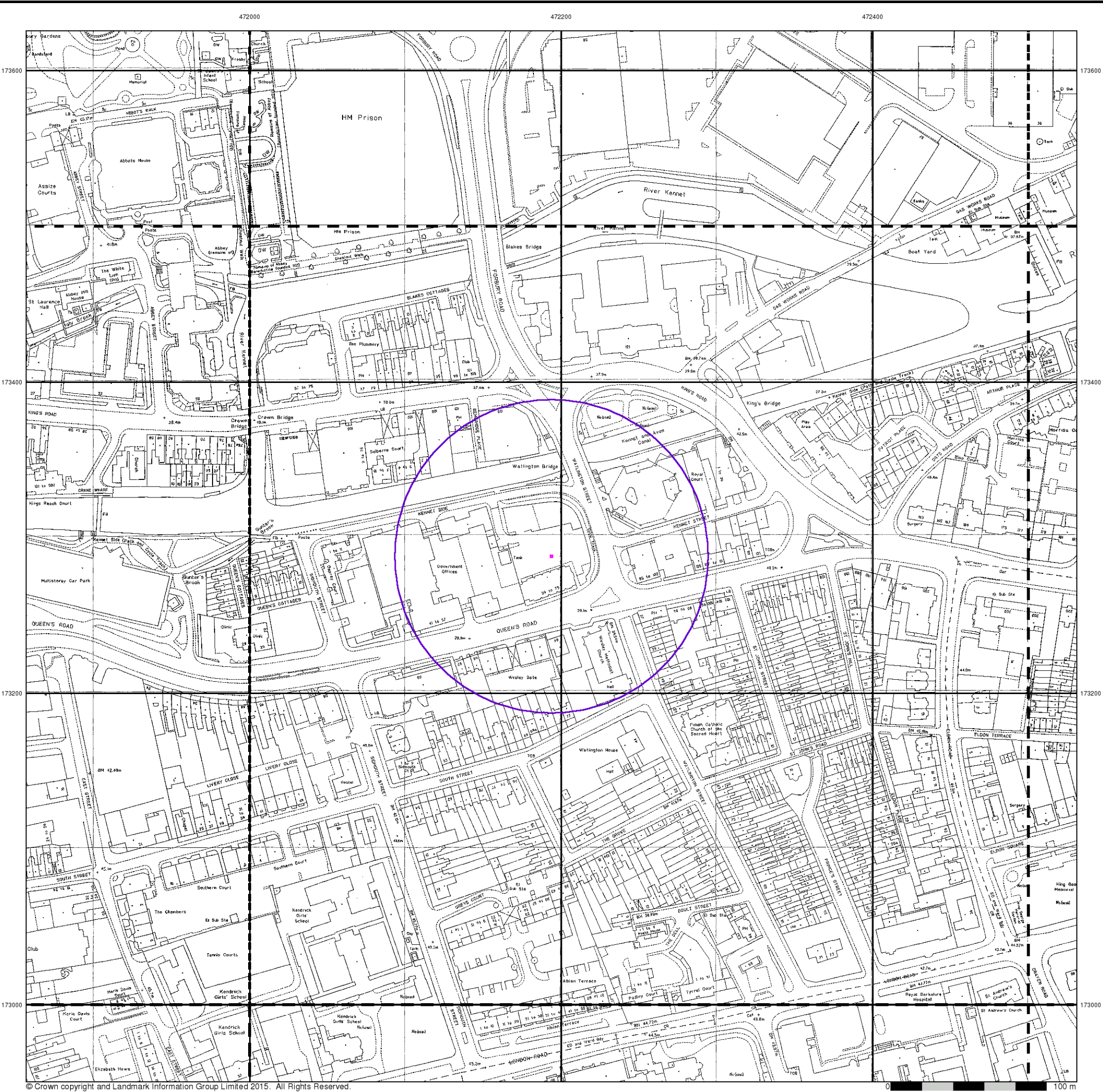
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Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 100

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## Large-Scale National Grid Data

Published 1993

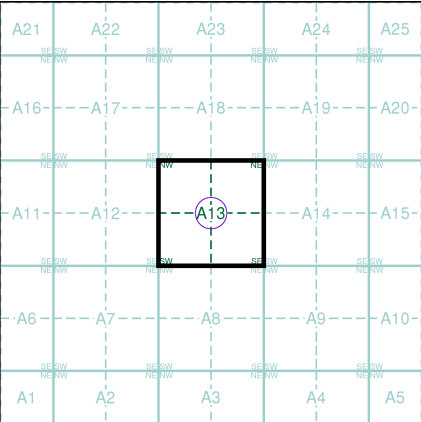
Source map scale - 1:1,250

'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)

|          |          |          |
|----------|----------|----------|
| SU7173NE | SU7273NW | SU7273NE |
| 1993     | 1993     | 1993     |
| 1:1,250  | 1:1,250  | 1:1,250  |
| SU7173SE | SU7273SW | SU7273SE |
| 1993     | 1993     | 1993     |
| 1:1,250  | 1:1,250  | 1:1,250  |
| SU7172NE | SU7272NW | SU7272NE |
| 1993     | 1993     | 1993     |
| 1:1,250  | 1:1,250  | 1:1,250  |

### Historical Map - Segment A13



### Order Details

Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 100

### Site Details

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472000

472200

472400

173600

173600

173400

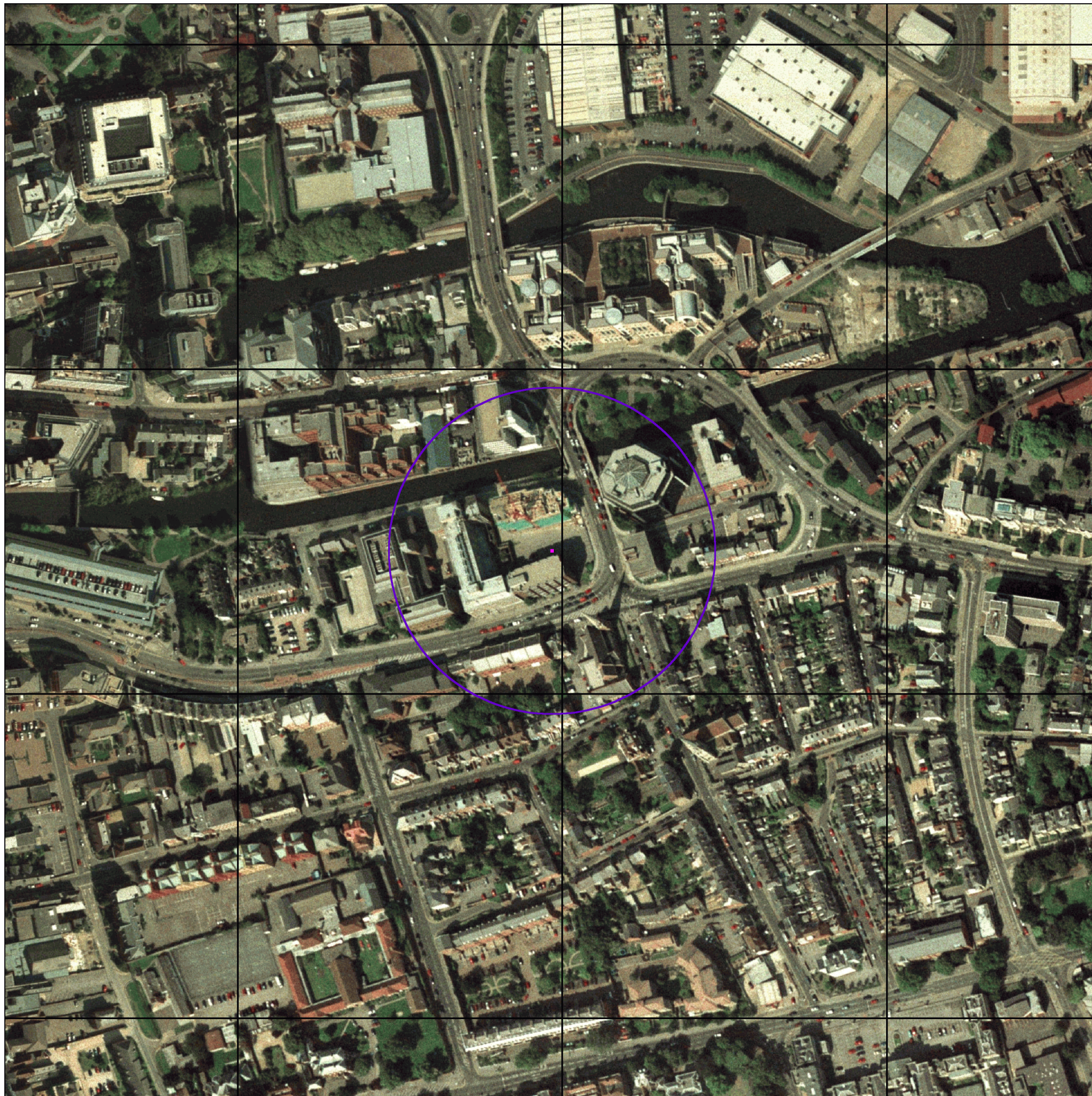
173400

173200

173200

173000

173000



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0 100 m

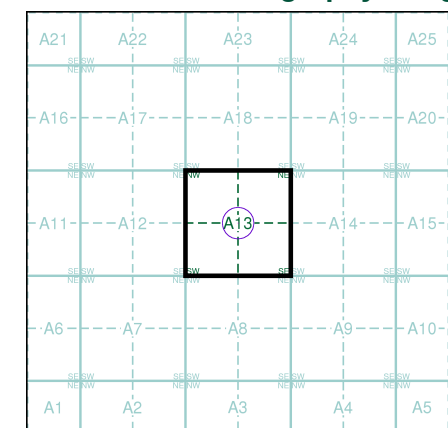


## Historical Aerial Photography

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 A13



### Order Details

Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 100

### Site Details

57, Queens Road, READING, RG1 4BN

**Landmark**  
INFORMATION GROUP

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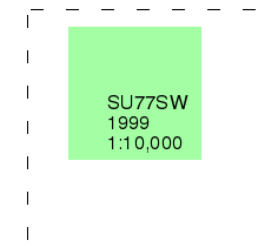
## 10k Raster Mapping

Published 1999

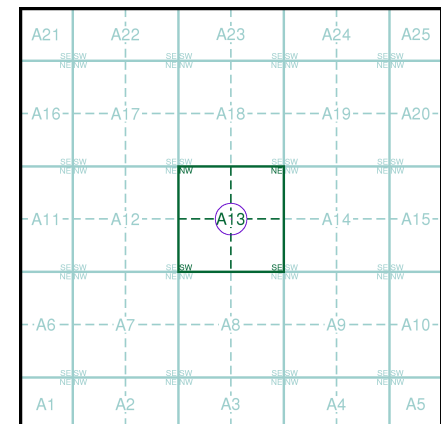
Source map scale - 1:10,000

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

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



## Historical Map - Slice A



## Order Details

Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 1000

## Site Details

57, Queens Road, READING, RG1 4BN



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



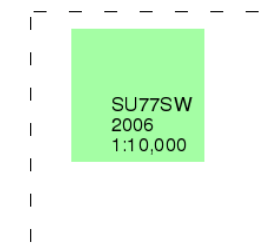
## 10k Raster Mapping

Published 2006

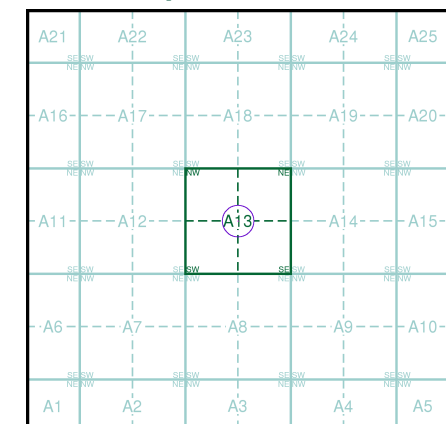
Source map scale - 1:10,000

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

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



## Historical Map - Slice A



## Order Details

Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 1000

## Site Details

57, Queens Road, READING, RG1 4BN



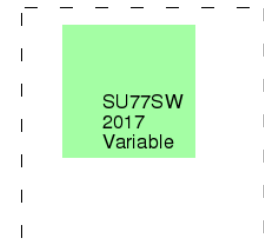
Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: www.envirocheck.co.uk



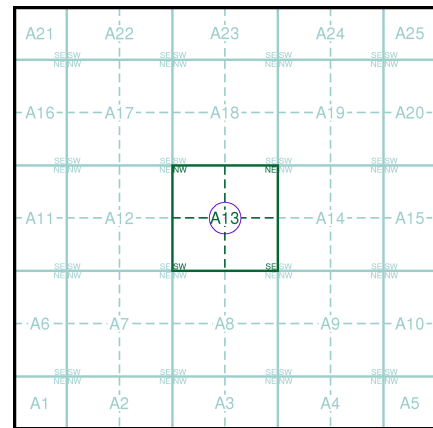
**VectorMap Local**  
**Published 2017**  
**Source map scale - 1:10,000**

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

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



**Historical Map - Slice A**



**Order Details**

Order Number: 152113190\_1\_1  
Customer Ref: J18003  
National Grid Reference: 472190, 173290  
Slice: A  
Site Area (Ha): 0.01  
Search Buffer (m): 1000

**Site Details**

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## **Express Preliminary UXO Risk Assessment**

|                         |                                                 |
|-------------------------|-------------------------------------------------|
| <b>Client</b>           | GEA Ltd                                         |
| <b>Project</b>          | Royal Heights                                   |
| <b>Site Address</b>     | Grantley Heights, Kennet Side, Reading, RG1 3EG |
| <b>Report Reference</b> | EP5854-00                                       |
| <b>Date</b>             | 10/01/18                                        |
| <b>Originator</b>       | PS                                              |

### **Assessment Objective**

This preliminary risk assessment is a qualitative screening exercise to assess the likely potential of encountering unexploded ordnance (UXO) at the Royal Heights site. The assessment involves the consideration of the basic factors that affect the potential for UXO to be present at a site as outlined in Stage One of the UXO risk management process.

### **Background**

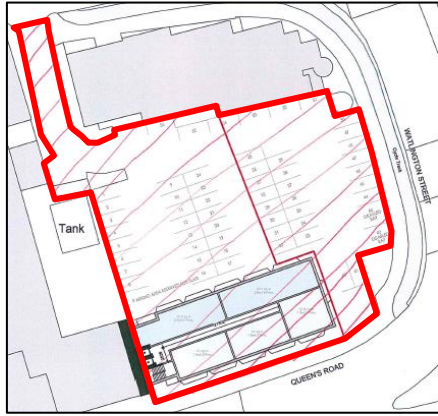
This assessment uses the sources of information available in-house to 1<sup>st</sup> Line Defence Ltd to enable the placement of a development site in context with events that may have led to the presence of German air-delivered or Allied military UXO. The report will identify any immediate necessity for risk mitigation or additional research in the form of a Detailed UXO Risk Assessment. It makes use of 1<sup>st</sup> Line Defence's extensive historical archives, library and unique geo-databases, as well as internet resources, and is researched and compiled by UXO specialists and graduate researchers.

The assessment directly follows CIRIA C681 guidelines "Unexploded Ordnance, a Guide for the Construction Industry". The document will therefore assess the following factors:

- Basic Site Data
- Previous Military Use
- Indicators of potential aerial delivered UXO threat
- Consideration of any Mitigating Factors
- Extent of Proposed Intrusive Works
- Any requirement for Further Work

It should be noted that the vast majority of construction sites in the UK will have a low or negligible risk of encountering UXO and should be able to be screened out at this preliminary stage. The report is meant as a common sense 'first step' in the UXO risk management process. The content of the report and conclusions drawn are based on basic, preliminary research using the information available to 1<sup>st</sup> Line Defence at the time this report was produced. It should be noted that the only way to entirely negate risk from UXO to a project would be to support the works proposed with appropriate UXO risk mitigation measures. It is rarely possible to state that there is absolutely 'no' risk from UXO to a project.



| Risk Assessment Considerations                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Site location and description/current use                                              | <p>The site is located in the town of Reading, Berkshire.</p> <p>The site is occupied by a building recently in use as offices, a car park and access way. Commercial and civil properties surround the site on all sides. Wesley Methodist Church. Queens Road is south of the site, Watlington Street is east and Kennet Side is north.</p> <p>The site is approximately centred on the OS grid reference: <b>SU 7219473280</b>.</p>                                                                                                                                                                                                                                                                                        |
| Are there any indicators of current/historical military activity on/close to the site? | 1st Line Defence can find no evidence in-house that the site ever had any direct military use. The closest recorded military presence was an anti-tank island approximately 430m west of the site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| What was the pre- and post-WWII history of the site?                                   | Historical OS mapping indicates that the site was occupied by residential properties and a works until 1979 when the majority of structures on site were removed. No significant change could be seen between pre- and post-war mapping editions, bar the addition of a paint works in the west of the site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Was the area subject to bombing during WWII?                                           | <p>The site was situated in the County Borough of Reading. The district had an area of 9,105 acres, and according to Home Office Statistics received only 5 HE bomb strikes resulting in a very low density of bombing at 0.5 items per 1000 acres.</p> <p>One significant air raid occurred on 10<sup>th</sup> February 1943, when a single Luftwaffe aircraft machine-gunned and bombed the town centre, resulting in 41 deaths and over 100 injuries. The bomb strikes of this raid reportedly fell in the vicinity of Minster Street, approximately 520m west of the site at its closest point. Anecdotal reports were also found that German aircraft tried to bomb the lines into Reading West station during the beginning of WWII. No evidence could be found of bombs falling around the site area.</p> |
| Is there any evidence of bomb damage on/close to the site?                             | There is no evidence in available Historical OS Mapping to indicate that the site received any damage during WWII, such as areas of 'ruin(s)' or areas of missing buildings. WWII-era aerial photography would provide a more confident assessment of ground disturbance on the site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| To what degree would the site have been subject to access?                             | As an area occupied by residential and commercial properties during WWII, it is likely that the site received regular access and that evidence of UXBs would have been noticed and recorded.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| To what degree has the site been developed post-WWII?                                  | Post-war, all structures on site were removed and replaced by an office block and a car park. Construction of the offices on the site would mitigate the risk of encountering UXO down to the depth and at the locations of its excavations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| What is the nature and extent of the intrusive works proposed?                         | Proposed works are understood to entail the changing of Clarendon House on site from Class B1(a)(offices) to C3 (dwelling houses) to comprise 49 residential units.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |



### Summary and Conclusions

The site was situated within the County Borough of Reading during WWII, which Home Office bombing statistics indicate received only 5 HE bomb strikes throughout WWII in a single raid; this raid reportedly occurred approximately 520m west of the site in the vicinity of Minster Street. Furthermore, no evidence could be found at this stage to suggest that any significant military installations were present in the vicinity of site during WWII. Regular access to the site area and the low density of bombing in the town makes it extremely unlikely that bombs fell unnoticed and unrecorded within the site boundary.

### Recommendations

Preliminary research indicates that there is a **minimal risk** that items of UXO will be encountered on the site. No evidence could be found to suggest that the site area was bombed during WWII, or that the site was situated in close proximity to any military installations which might lead to the contamination of the site. Although acquisition of WWII aerial photography and local bombing records could more confidently confirm a lack of bombing within the site area, it is not considered that further research would significantly alter the findings of this report. It is recommended that **no further research** be carried out on the site.

If the client has any anecdotal or empirical evidence of UXO risk on site, please contact 1<sup>st</sup> Line Defence.



GEA

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Herts | 01727 824666 Notts | 01509 674888

## Site Plan

**Site** Royal Heights, Queen's Road, Reading, RG1 4BN

**Client** Reading Heights Limited

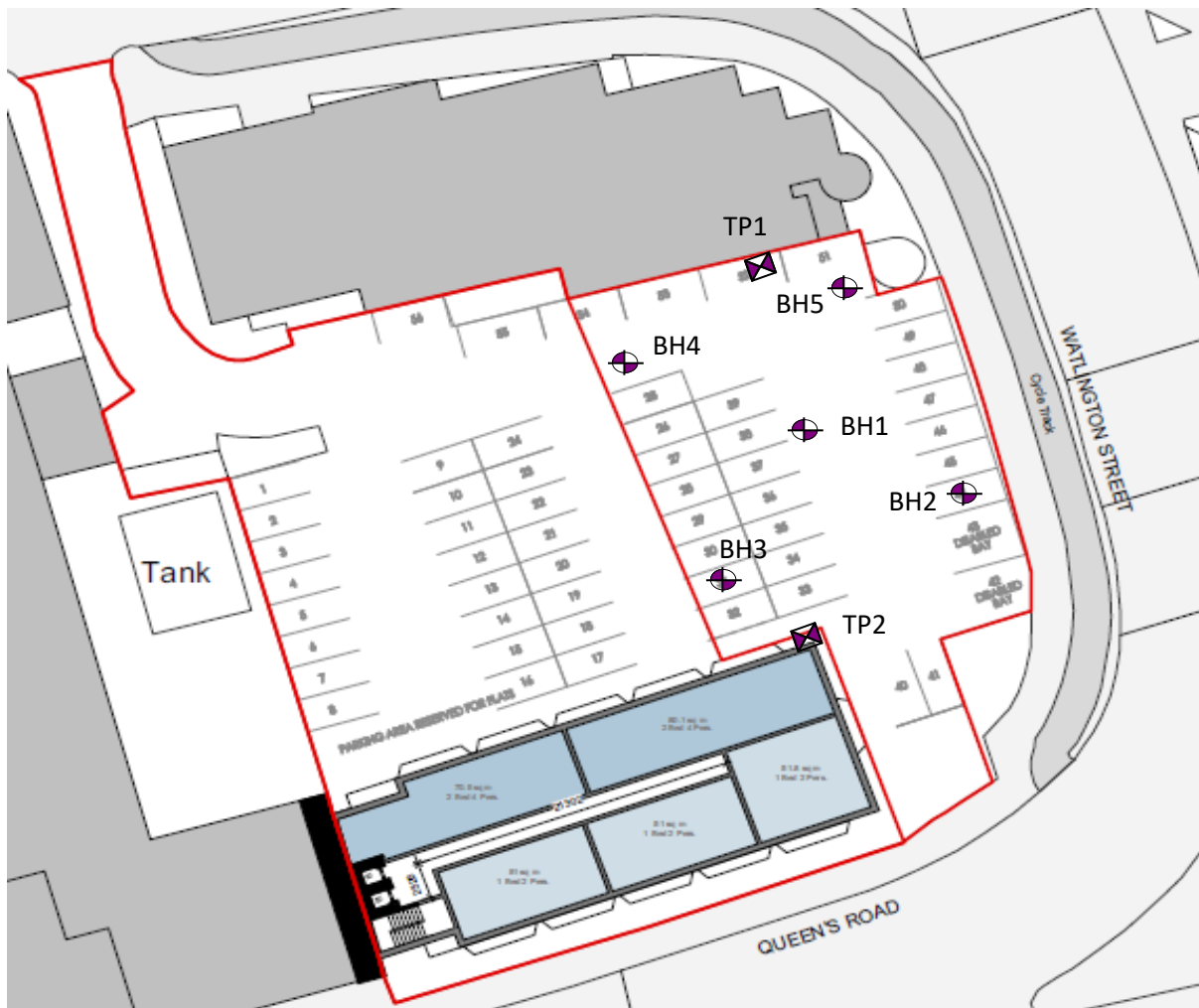
**Engineer** Fluid Structures

**Job Number**

J18003

**Sheet**

1 / 1



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where information can be found  
on all of the services that we offer.

