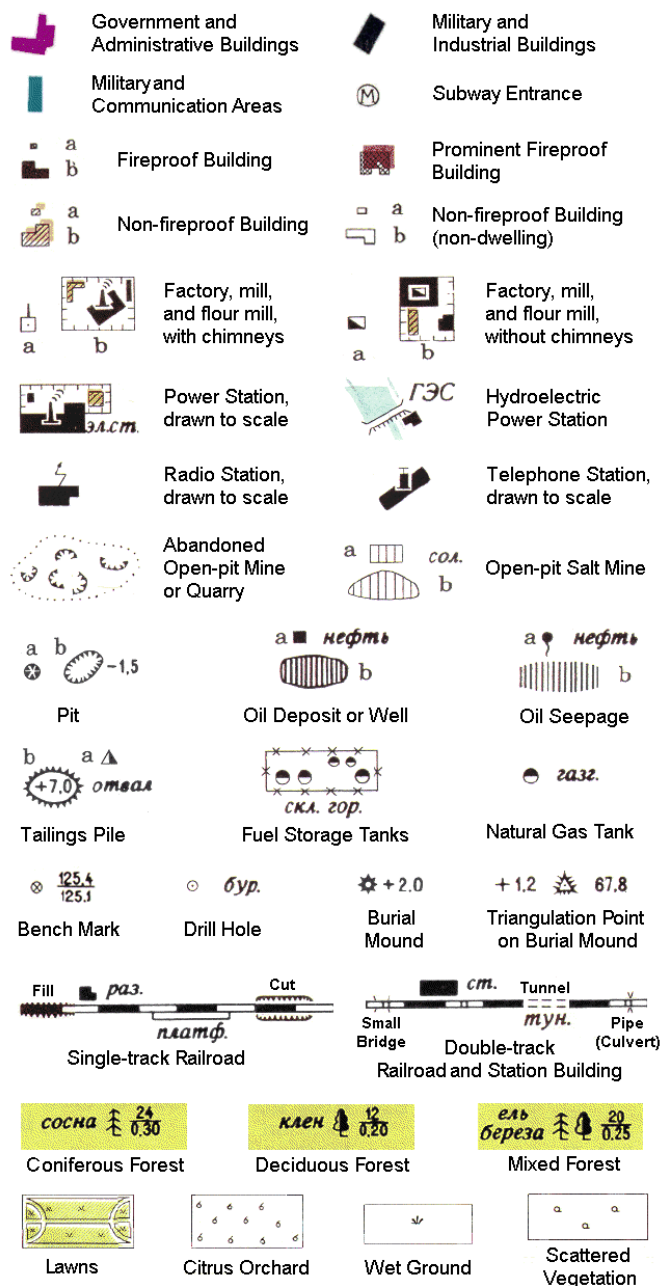


# Russian Military Mapping Legends

## 1:5,000 and 1:10,000 mapping

a. Not drawn to scale b. Drawn to scale



**243.8** Values for prominent elevations

**186.0** Numbers for spot elevations, depth soundings, contour lines, etc.

**0.2** Velocity of the current, width of river bed, depth of river

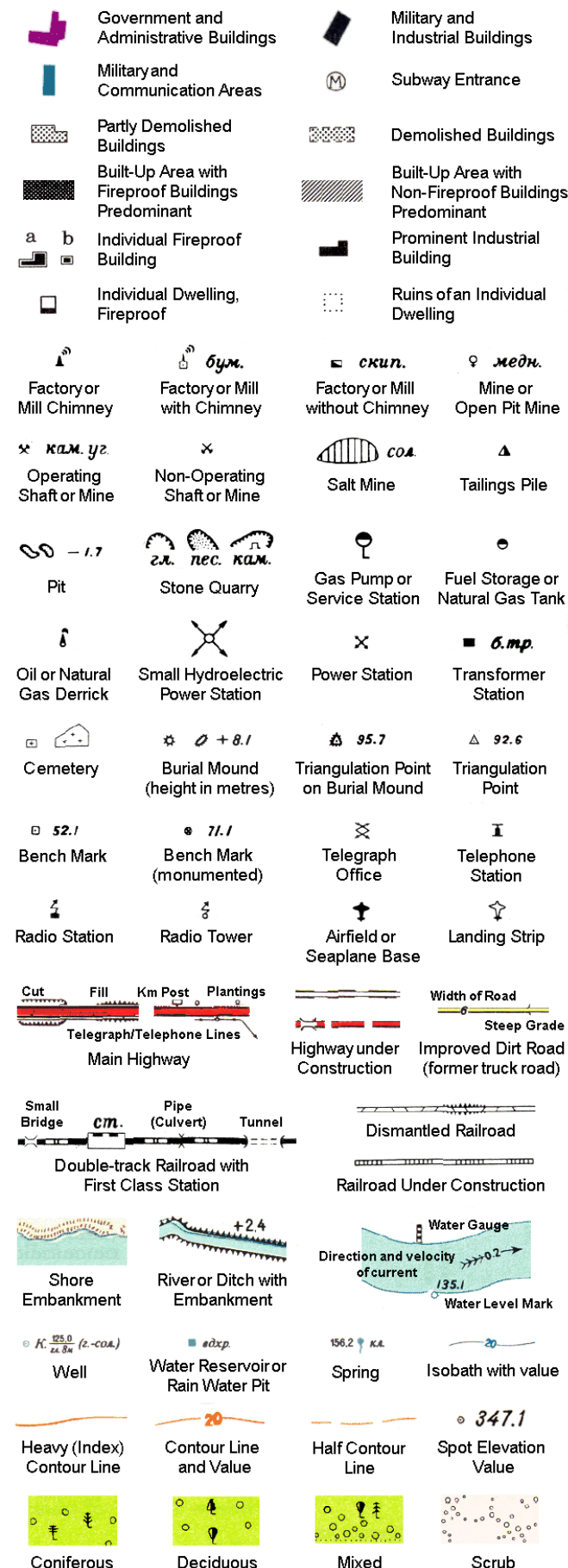
**180/12** Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

**Russian Alphabet** (For reference and phonetic interpretation of map text)

|                 |                |                 |                       |
|-----------------|----------------|-----------------|-----------------------|
| <b>А а (A)</b>  | <b>З з (Z)</b> | <b>П п (P)</b>  | <b>Ч ч (CH)</b>       |
| <b>Б б (B)</b>  | <b>И и (I)</b> | <b>Р р (R)</b>  | <b>Ш ш (SH)</b>       |
| <b>В в (V)</b>  | <b>Й й (Y)</b> | <b>С с (S)</b>  | <b>Щ щ (SHCH)</b>     |
| <b>Г г (G)</b>  | <b>К к (K)</b> | <b>Т т (T)</b>  | <b>Ъ (-)</b>          |
| <b>Д д (D)</b>  | <b>Л л (L)</b> | <b>У у (U)</b>  | <b>Ы (Y)</b>          |
| <b>Е е (E)</b>  | <b>М м (M)</b> | <b>Ф ф (F)</b>  | <b>Ь (')</b>          |
| <b>Ё ё (YO)</b> | <b>Н н (N)</b> | <b>Х х (KH)</b> | <b>Э э (E)</b>        |
| <b>Ж ж (ZH)</b> | <b>О о (O)</b> | <b>Ц ц (TS)</b> | <b>Ю ю (YU or IU)</b> |
|                 |                |                 | <b>Я я (YA or IA)</b> |

## 1:25,000 mapping

a. Not drawn to scale b. Drawn to scale



## Key to Numbers on Mapping

### SD80\_Manchester

| No. | Description    |
|-----|----------------|
| 18  | Depot (Bus)    |
| 212 | Printing House |

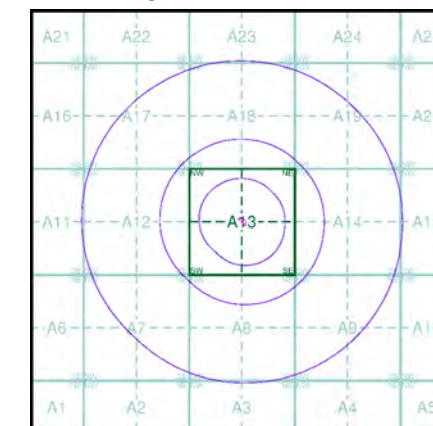
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## Historical Mapping & Photography included:

| Mapping Type           | Scale    | Date        | Pg |
|------------------------|----------|-------------|----|
| Lancashire And Furness | 1:10,560 | 1848        | 3  |
| Cheshire               | 1:10,560 | 1882        | 4  |
| Lancashire And Furness | 1:10,560 | 1894        | 5  |
| Lancashire And Furness | 1:10,560 | 1909 - 1910 | 6  |
| Lancashire And Furness | 1:10,560 | 1923        | 7  |
| Lancashire And Furness | 1:10,560 | 1931 - 1933 | 8  |
| Lancashire And Furness | 1:10,560 | 1938        | 9  |
| Ordnance Survey Plan   | 1:10,000 | 1956        | 10 |
| Ordnance Survey Plan   | 1:10,000 | 1966 - 1968 | 11 |
| Ordnance Survey Plan   | 1:10,000 | 1972 - 1979 | 12 |
| Manchester             | 1:25,000 | 1975        | 13 |
| Ordnance Survey Plan   | 1:10,000 | 1980 - 1986 | 14 |
| Ordnance Survey Plan   | 1:10,000 | 1985 - 1987 | 15 |
| Ordnance Survey Plan   | 1:10,000 | 1989        | 16 |
| Ordnance Survey Plan   | 1:10,000 | 1990 - 1994 | 17 |
| 10K Raster Mapping     | 1:10,000 | 1999        | 18 |
| 10K Raster Mapping     | 1:10,000 | 2006        | 19 |
| VectorMap Local        | 1:10,000 | 2021        | 20 |

## Russian Map - Slice A



## Order Details

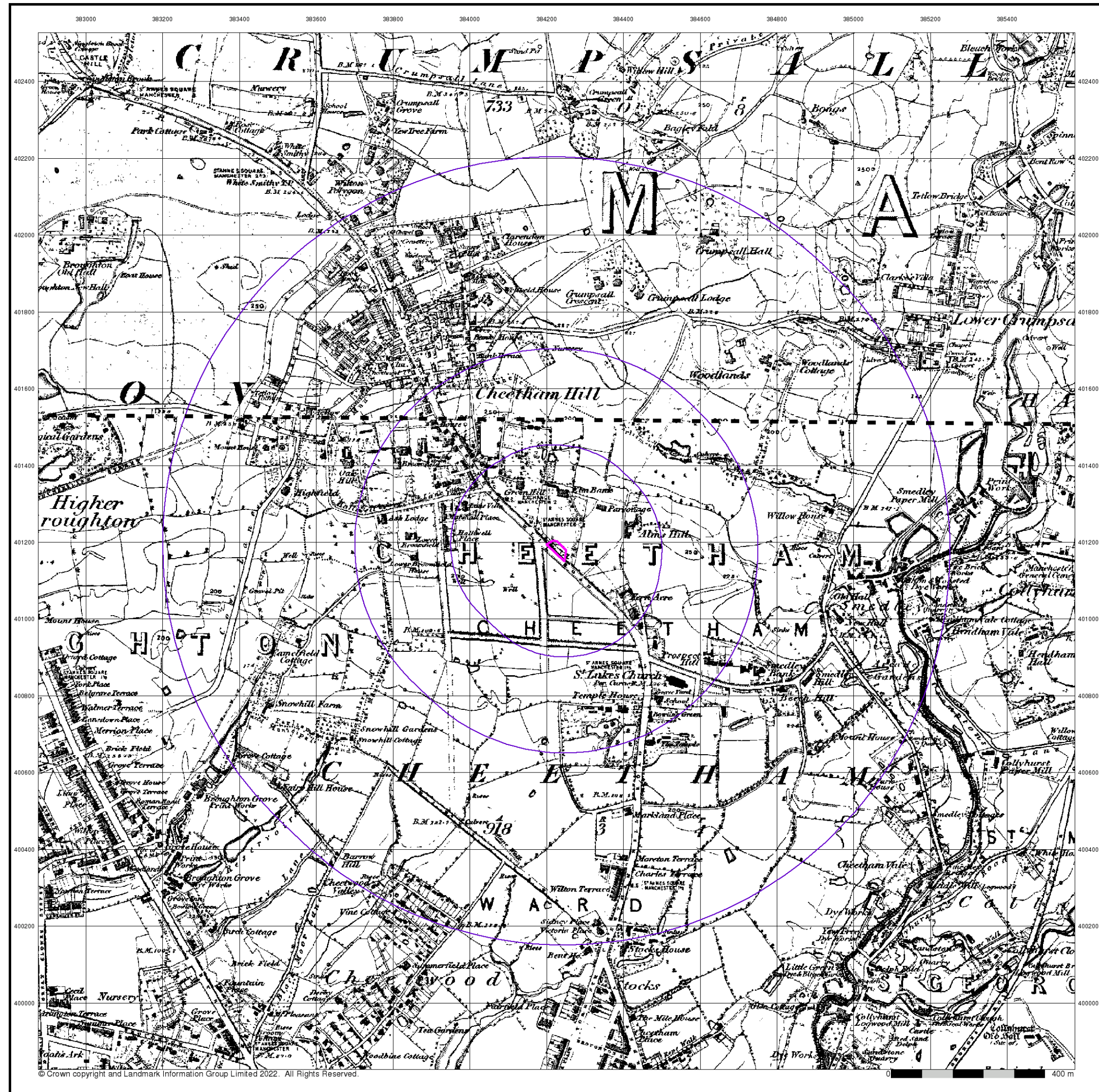
Order Number: 297085833\_1\_1  
 Customer Ref: 1289  
 National Grid Reference: 384230, 401180  
 Slice: A  
 Site Area (Ha): 0.13  
 Search Buffer (m): 1000

## Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL

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## Lancashire And Furness

Published 1848

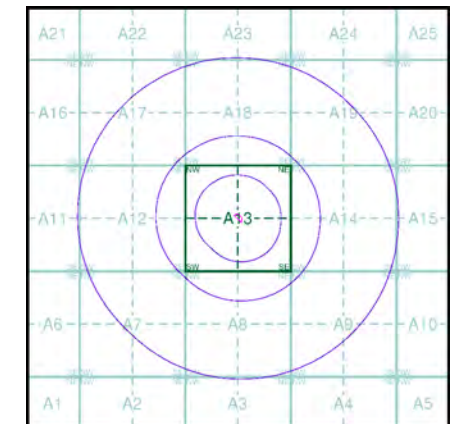
Source map scale - 1:10,560

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)

|          |
|----------|
| 09600    |
| 1848     |
| 1:10,560 |
| 10400    |
| 1848     |
| 1:10,560 |

### Historical Map - Slice A



### Order Details

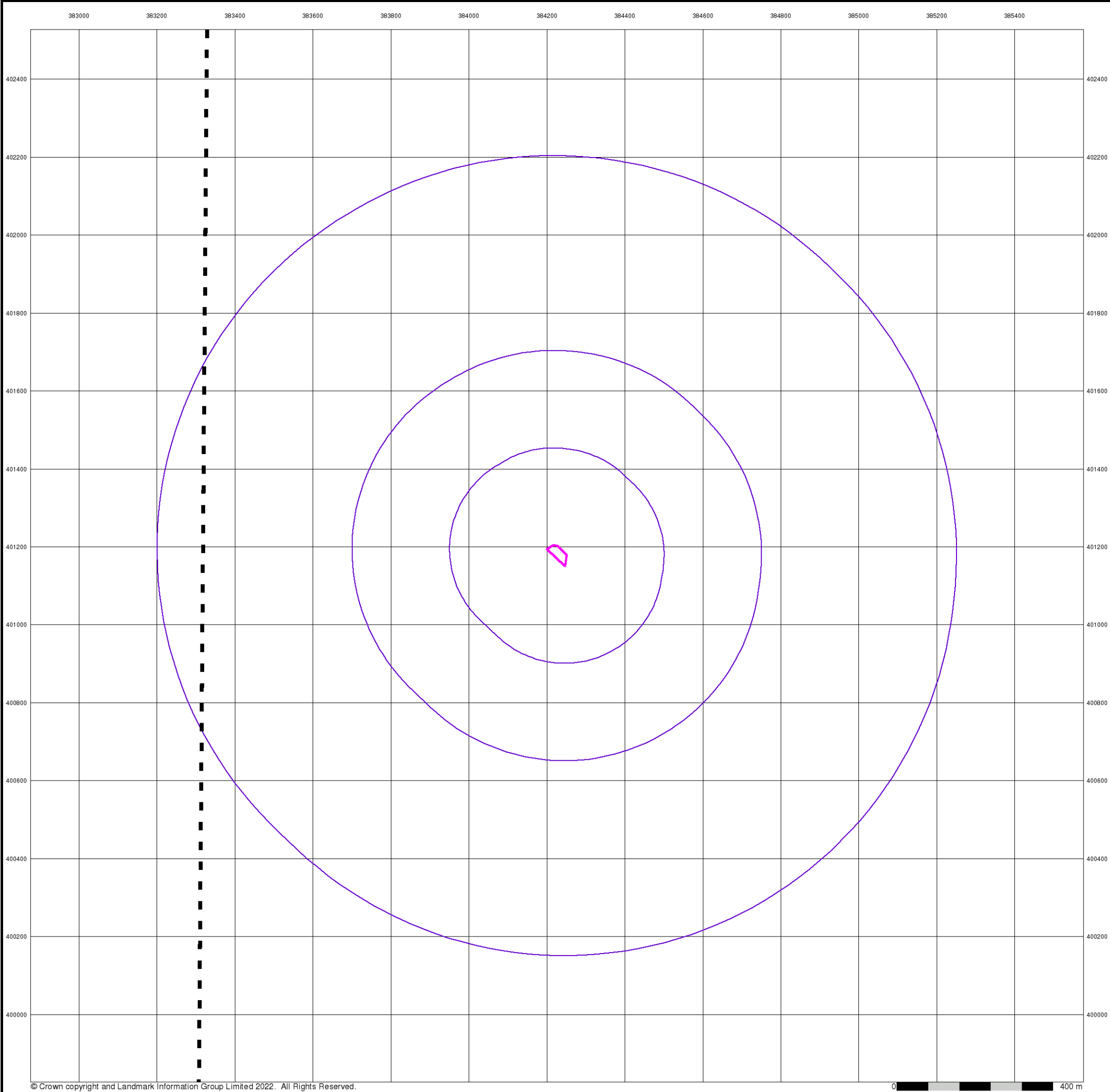
Order Number: 297085833\_1\_1  
Customer Ref: 1289  
National Grid Reference: 384230, 401180  
Slice: A  
Site Area (Ha): 0.13  
Search Buffer (m): 1000

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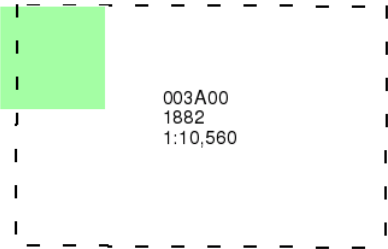
Cheshire

Published 1882

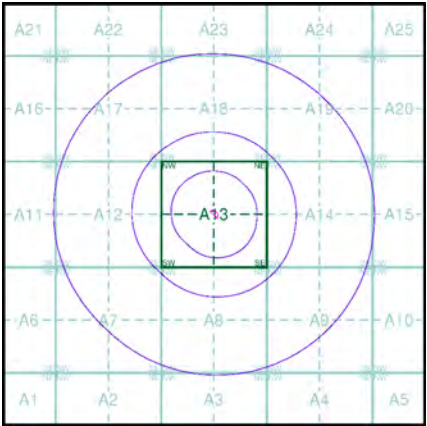
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:

297085833\_1\_1

Customer Ref:

1289

National Grid Reference:

384230, 401180

Slice:

A

Site Area (Ha):

0.13

Search Buffer (m):

1000

Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL



## Lancashire And Furness

Published 1894

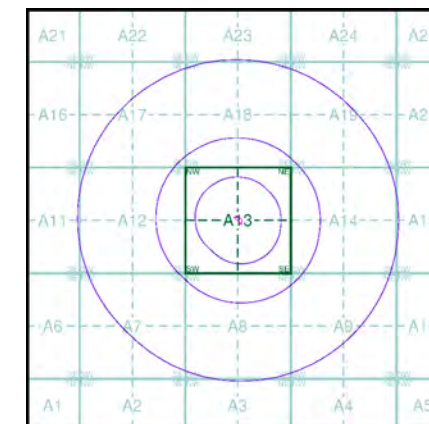
Source map scale - 1:10,560

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)

|                           |                           |
|---------------------------|---------------------------|
| 096SW<br>1894<br>1:10,560 | 096SE<br>1894<br>1:10,560 |
| 104NW<br>1894<br>1:10,560 | 104NE<br>1894<br>1:10,560 |

### Historical Map - Slice A

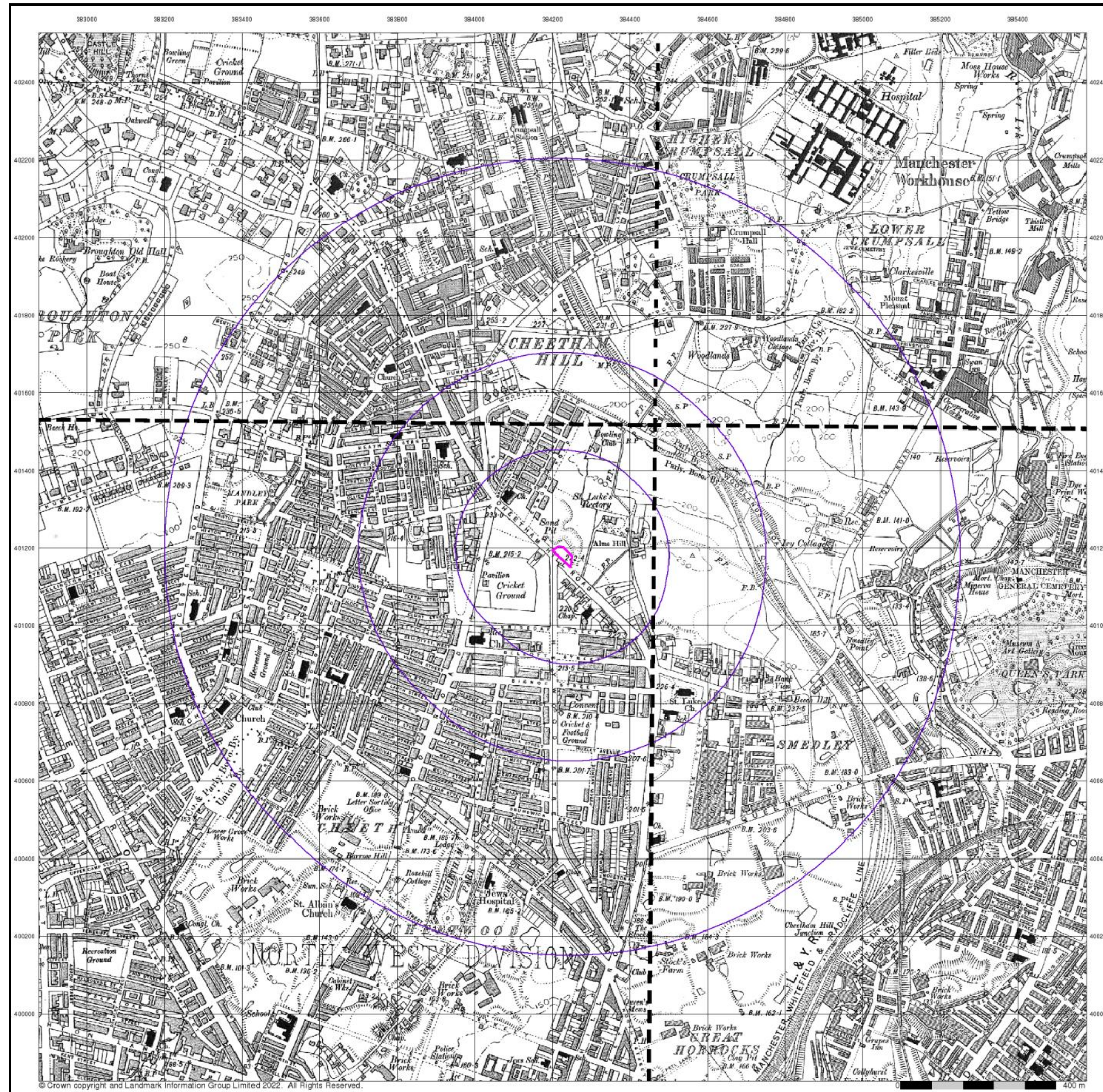


### Order Details

Order Number: 297085833\_1\_1  
Customer Ref: 1289  
National Grid Reference: 384230, 401180  
Slice: A  
Site Area (Ha): 0.13  
Search Buffer (m): 1000

### Site Details

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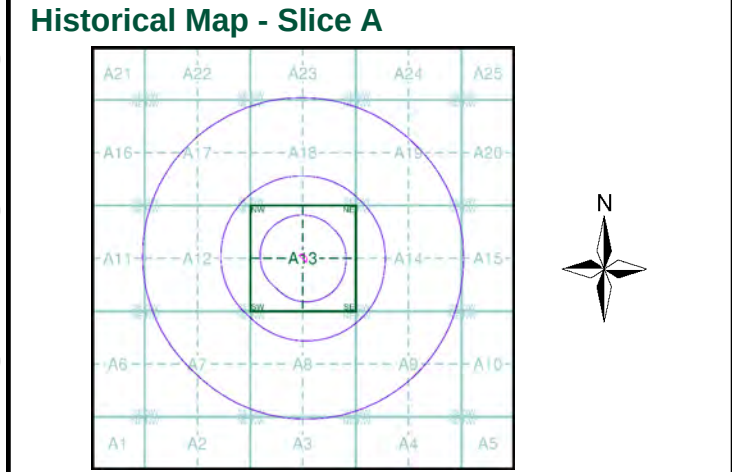
## Lancashire And Furness

Published 1909 - 1910

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) |      |          |      |
|-------------------------|------|----------|------|
| 096SW                   | 1910 | 096SE    | 1910 |
| 1:10,560                |      | 1:10,560 |      |
| 104NW                   | 1909 | 104NE    | 1909 |
| 1:10,560                |      | 1:10,560 |      |

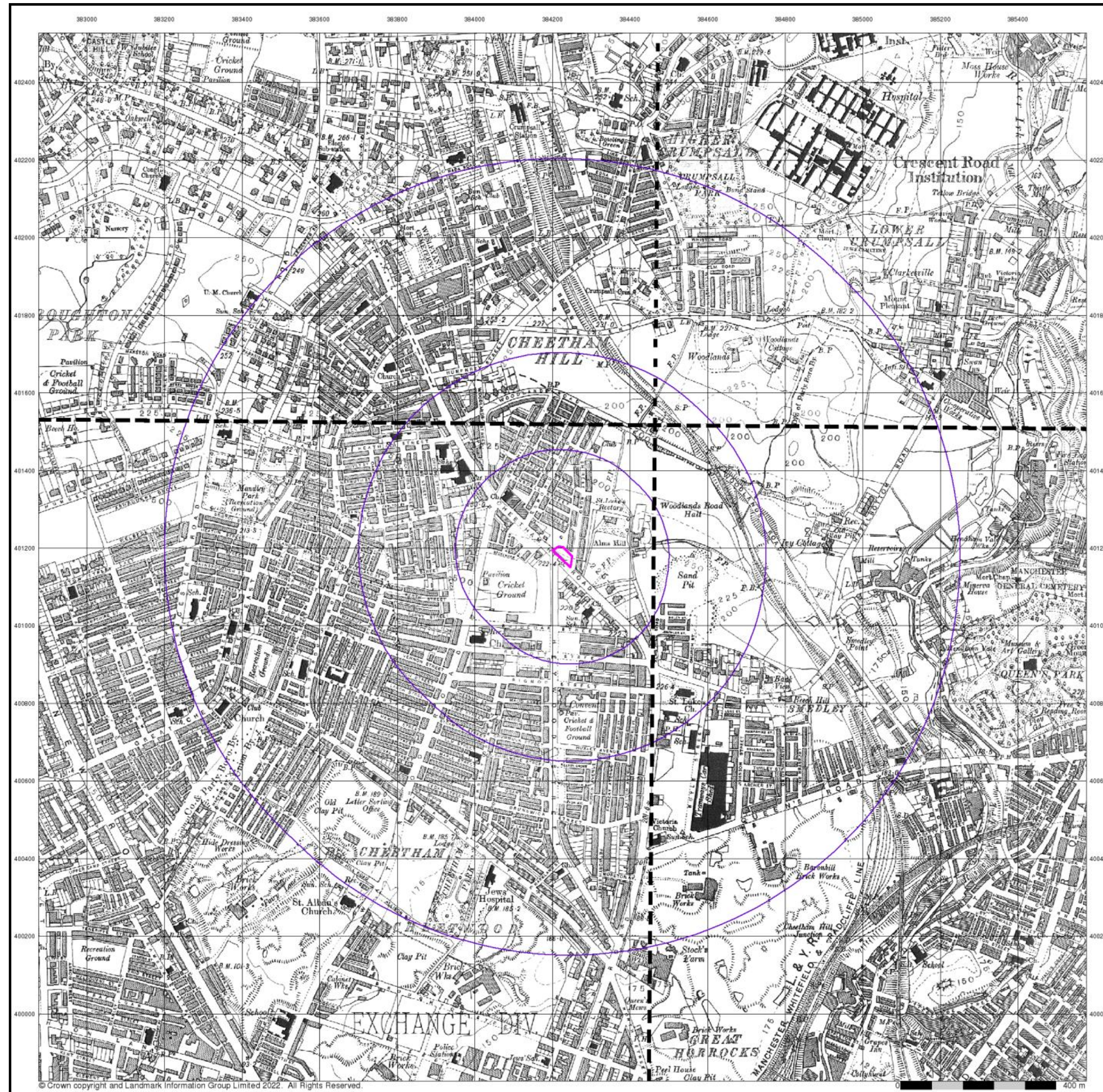


### Order Details

Order Number: 297085833\_1\_1  
Customer Ref: 1289  
National Grid Reference: 384230, 401180  
Slice: A  
Site Area (Ha): 0.13  
Search Buffer (m): 1000

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## Lancashire And Furness

Published 1923

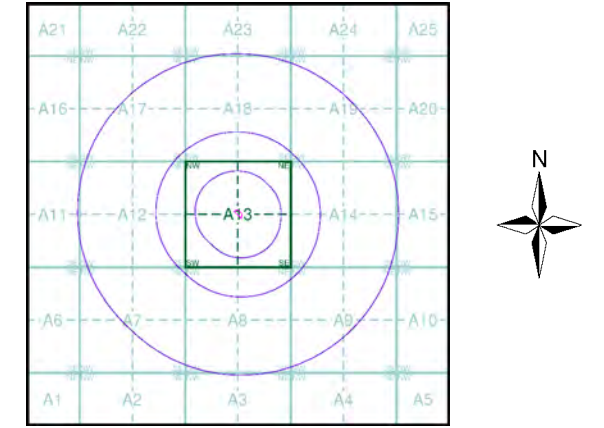
Source map scale - 1:10,560

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)

|                           |                           |
|---------------------------|---------------------------|
| 096SW<br>1923<br>1:10,560 | 096SE<br>1923<br>1:10,560 |
| 104NW<br>1923<br>1:10,560 | 104NE<br>1923<br>1:10,560 |

### Historical Map - Slice A

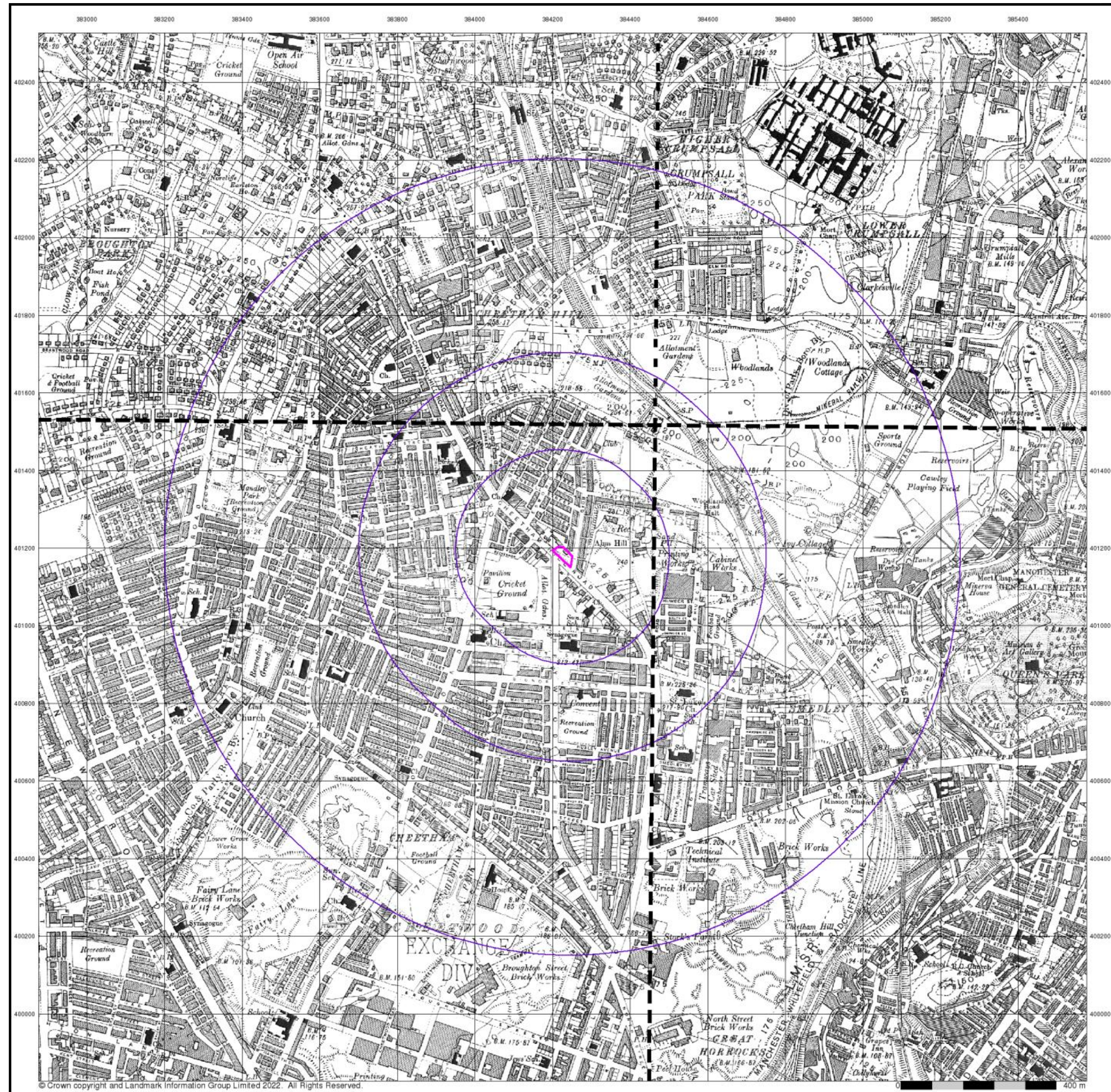


### Order Details

Order Number: 297085833\_1\_1  
Customer Ref: 1289  
National Grid Reference: 384230, 401180  
Slice: A  
Site Area (Ha): 0.13  
Search Buffer (m): 1000

### Site Details

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## Lancashire And Furness

Published 1931 - 1933

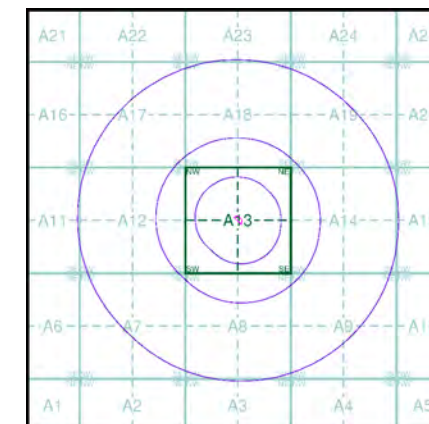
Source map scale - 1:10,560

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)

|                           |                           |
|---------------------------|---------------------------|
| 096SW<br>1932<br>1:10,560 | 096SE<br>1933<br>1:10,560 |
| 104NW<br>1931<br>1:10,560 | 104NE<br>1932<br>1:10,560 |

### Historical Map - Slice A



### Order Details

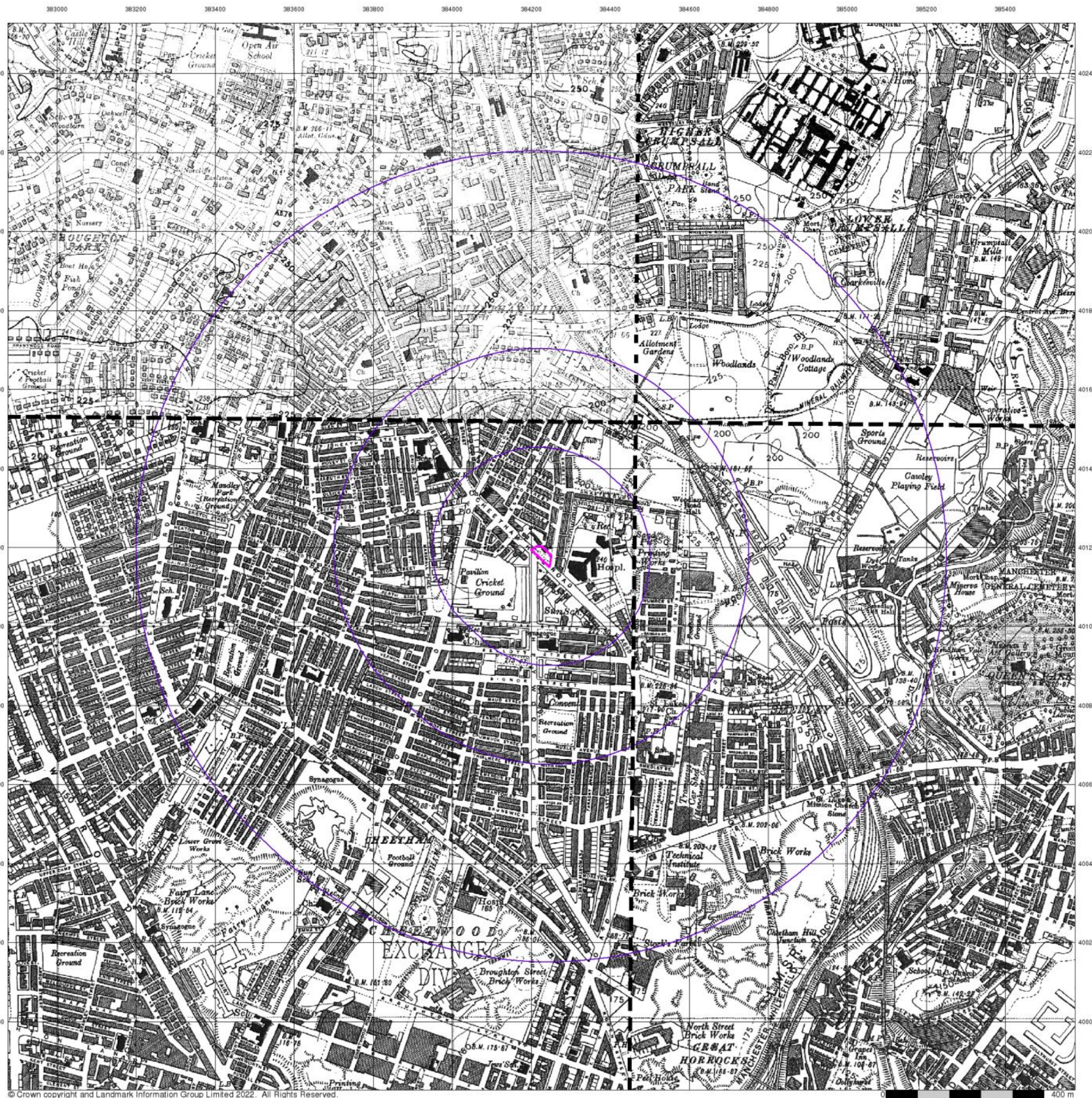
Order Number: 297085833\_1\_1  
Customer Ref: 1289  
National Grid Reference: 384230, 401180  
Slice: A  
Site Area (Ha): 0.13  
Search Buffer (m): 1000

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## Lancashire And Furness

Published 1938

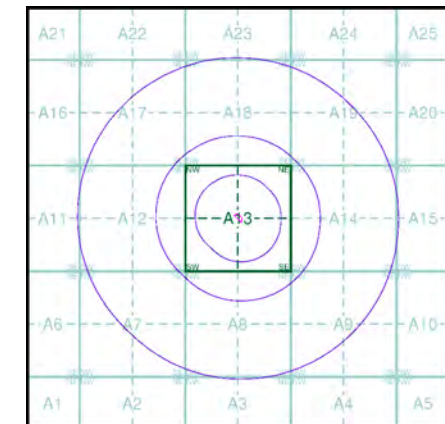
Source map scale - 1:10,560

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)

|                           |                           |
|---------------------------|---------------------------|
| 096SW<br>1938<br>1:10,560 | 096SE<br>1938<br>1:10,560 |
| 104NW<br>1938<br>1:10,560 | 104NE<br>1938<br>1:10,560 |

### Historical Map - Slice A

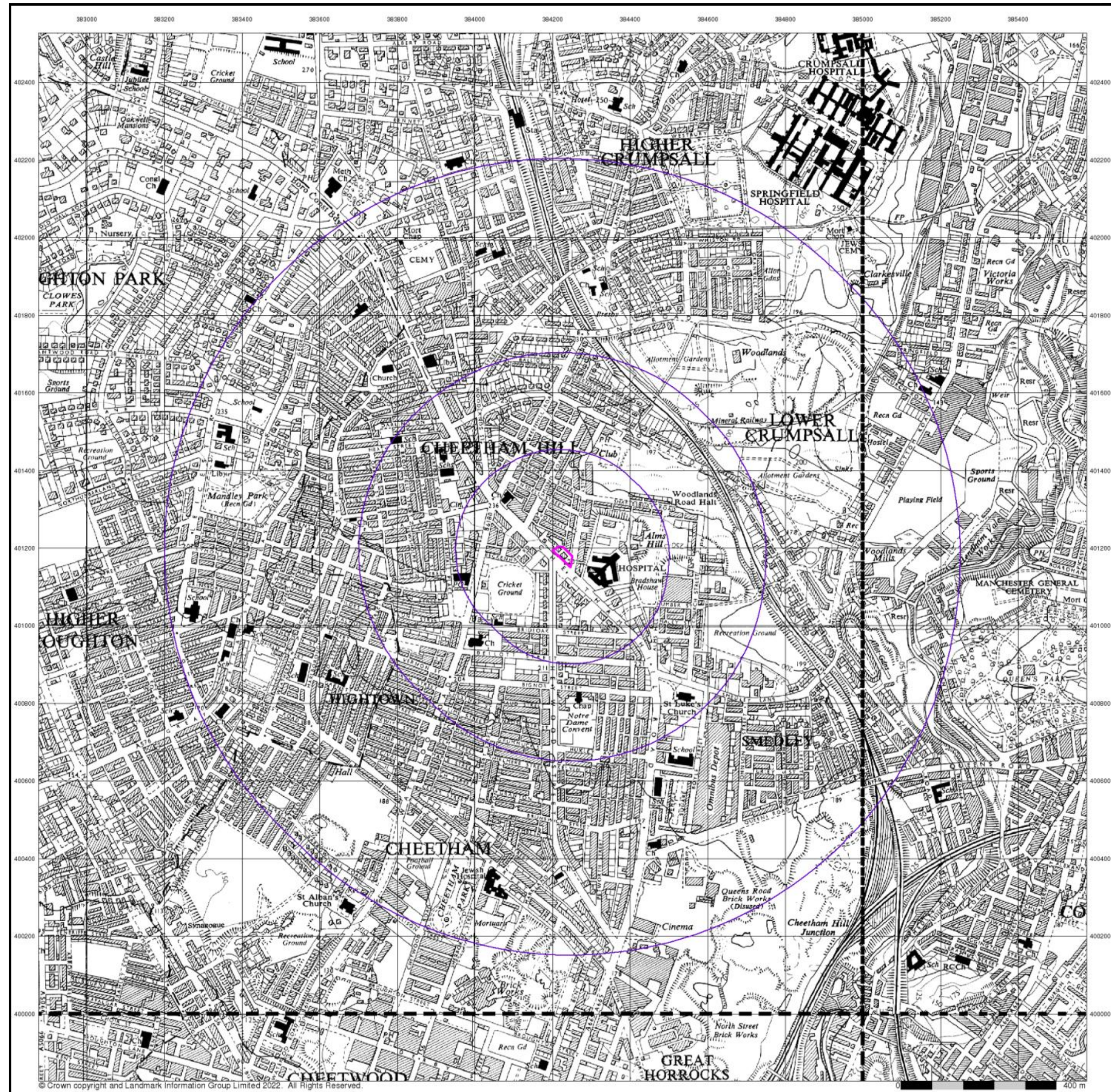


### Order Details

Order Number: 297085833\_1\_1  
Customer Ref: 1289  
National Grid Reference: 384230, 401180  
Slice: A  
Site Area (Ha): 0.13  
Search Buffer (m): 1000

### Site Details

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## Ordnance Survey Plan

Published 1956

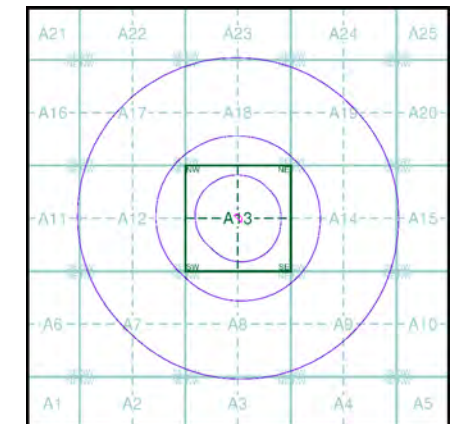
Source map scale - 1:10,000

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

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

|          |          |
|----------|----------|
| SD80SW   | SD80SE   |
| 1956     | 1956     |
| 1:10,560 | 1:10,560 |
| SJ89NW   | SJ89NE   |
| 1956     | 1956     |
| 1:10,560 | 1:10,560 |

## Historical Map - Slice A



## Order Details

Order Number: 297085833\_1\_1  
Customer Ref: 1289  
National Grid Reference: 384230, 401180  
Slice: A  
Site Area (Ha): 0.13  
Search Buffer (m): 1000

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## Ordnance Survey Plan

**Published 1966 - 1968**

**Source map scale - 1:10,000**

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

|          |          |
|----------|----------|
| SD80SW   | SD80SE   |
| 1968     | 1966     |
| 1:10,560 | 1:10,560 |

|          |
|----------|
| SJ89NE   |
| 1968     |
| 1:10,560 |

### Historical Map - Slice A

### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 297085833_1_1  |
| Customer Ref:            | 1289           |
| National Grid Reference: | 384230, 401180 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.13           |
| Search Buffer (m):       | 1000           |

### Site Details

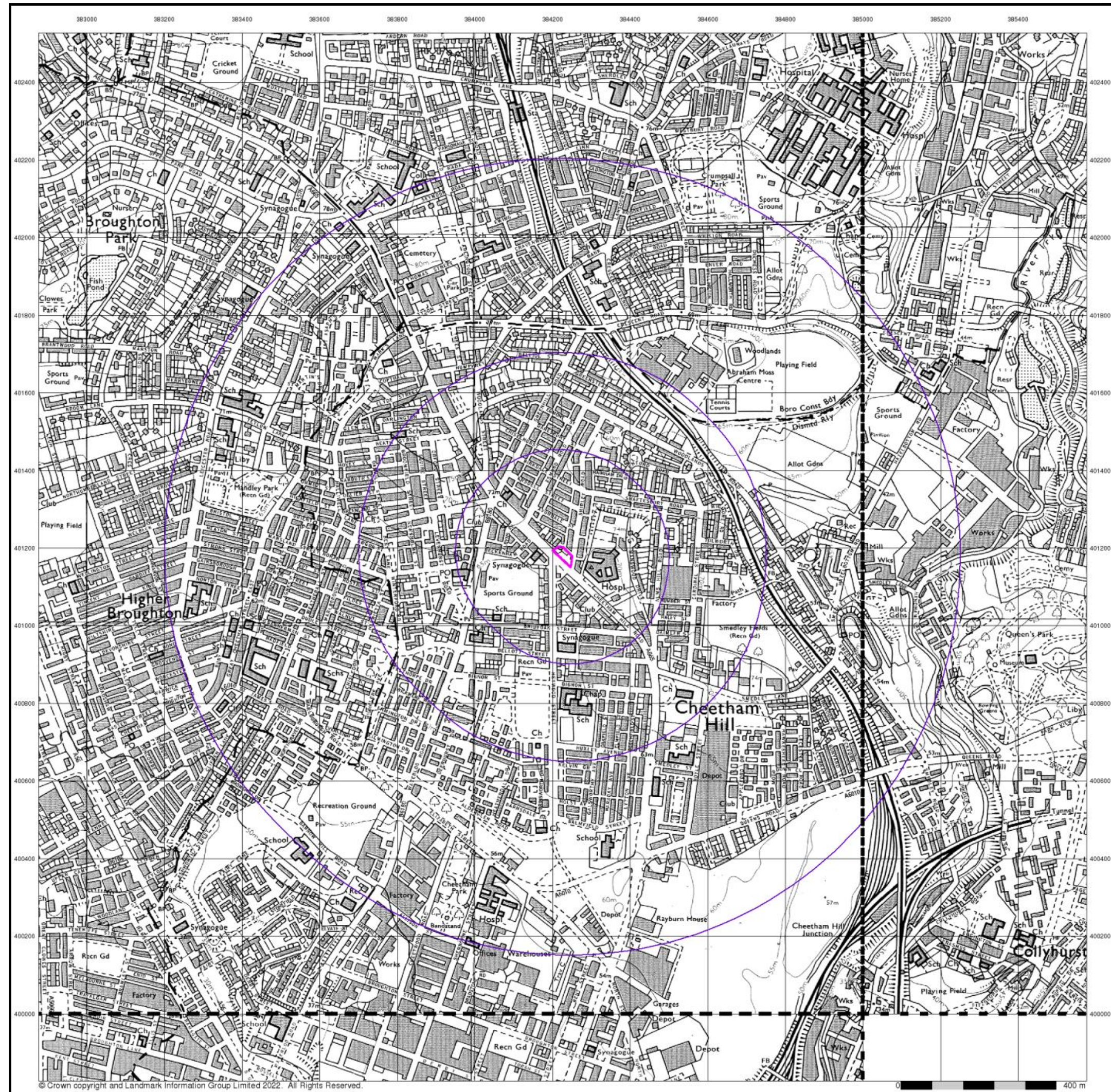
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## Ordnance Survey Plan

Published 1972 - 1979

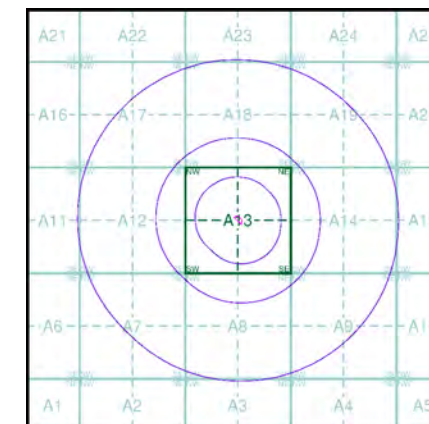
Source map scale - 1:10,000

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

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

|          |          |
|----------|----------|
| SD80SW   | SD80SE   |
| 1979     | 1978     |
| 1:10,000 | 1:10,000 |
| SJ89NW   |          |
| 1972     |          |
| 1:10,000 |          |

## Historical Map - Slice A



## Order Details

Order Number: 297085833\_1\_1  
Customer Ref: 1289  
National Grid Reference: 384230, 401180  
Slice: A  
Site Area (Ha): 0.13  
Search Buffer (m): 1000

## Site Details

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## Manchester

**Published 1975**

**Source map scale - 1:25,000**

These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use. They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

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

|      |      |          |
|------|------|----------|
| SD80 | 1975 | 1:25,000 |
| SJ89 | 1975 | 1:25,000 |

### Russian Map - Slice A

### Order Details

|                          |                |
|--------------------------|----------------|
| Order Number:            | 297085833_1_1  |
| Customer Ref:            | 1289           |
| National Grid Reference: | 384230, 401180 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.13           |
| Search Buffer (m):       | 1000           |

### Site Details

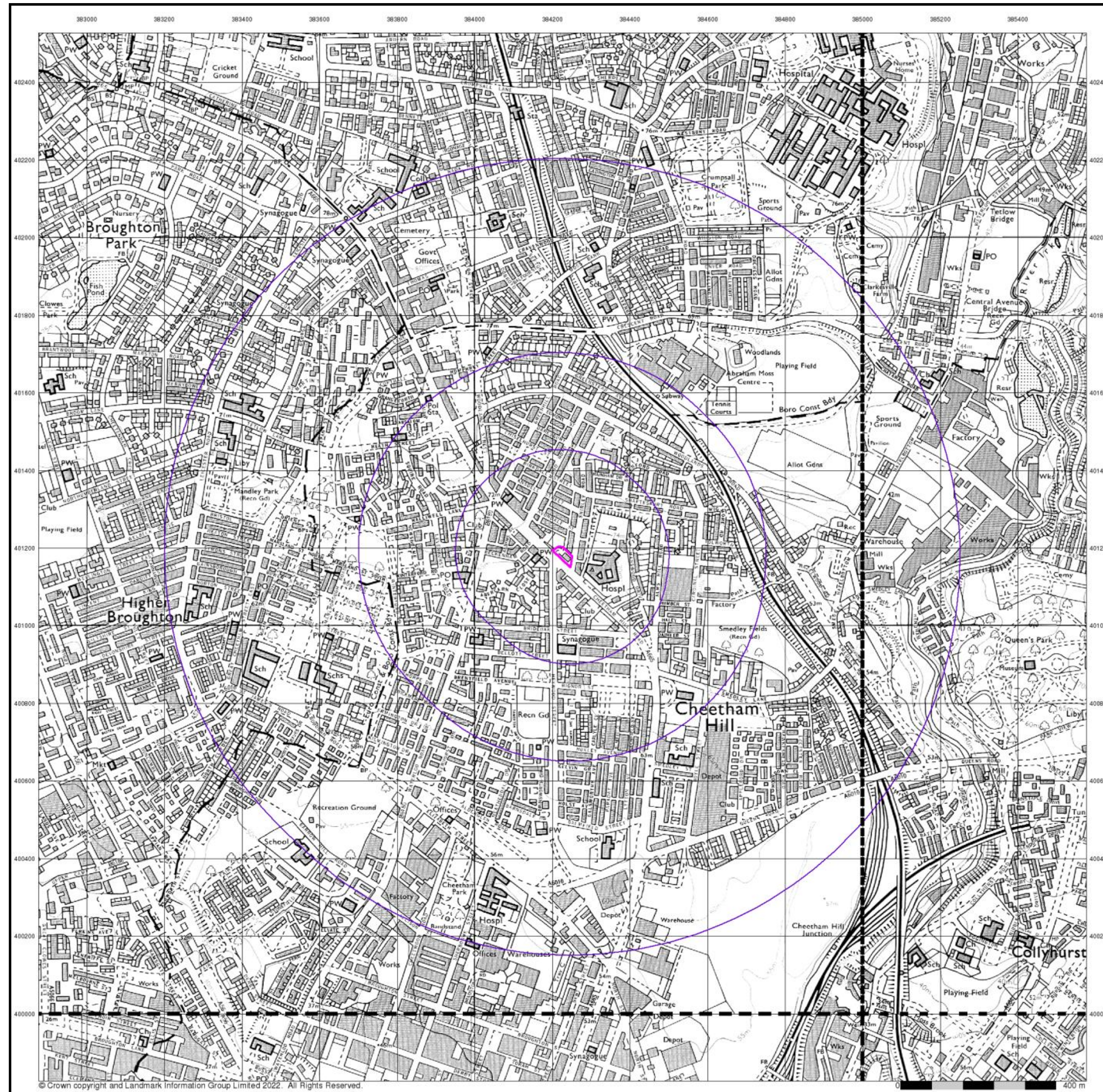
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## Ordnance Survey Plan

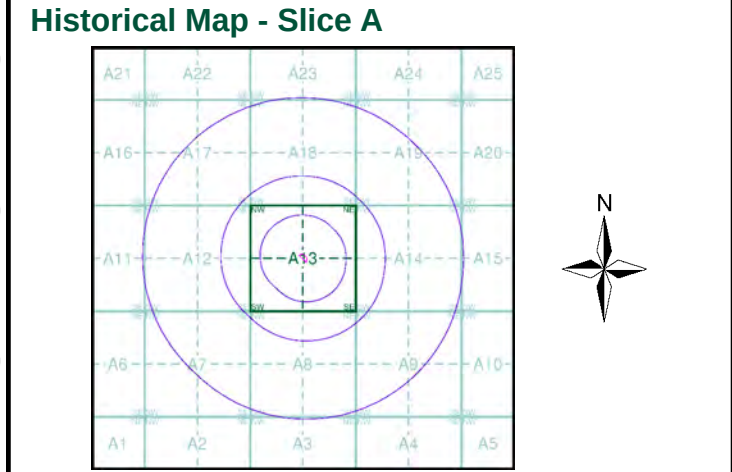
### Published 1980 - 1986

### 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)

|                            |                            |
|----------------------------|----------------------------|
| SD80SW<br>1986<br>1:10,000 | SD80SE<br>1982<br>1:10,000 |
| SJ89NW<br>1980<br>1:10,000 | SJ89NE<br>1981<br>1:10,000 |



| Order Details            |                |
|--------------------------|----------------|
| Order Number:            | 297085833_1_1  |
| Customer Ref:            | 1289           |
| National Grid Reference: | 384230, 401180 |
| Slice:                   | A              |
| Site Area (Ha):          | 0.13           |
| Search Buffer (m):       | 1000           |

### Site Details

330, Cheetham Hill Road, MANCHESTER, M8 0PL