



Site Details:

254 KILBURN HIGH ROAD, LONDON, NW6 2BS

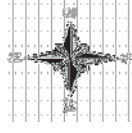
Client Ref: P8591J338.01
Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: National Grid

Map date: 1953

Scale: 1:1,250

Printed at: 1:2,500



Surveyed 1953
Revised 1953
Edition N/A
Copyright N/A
Levelled 1933

Surveyed 1953
Revised 1953
Edition N/A
Copyright N/A
Levelled 1953

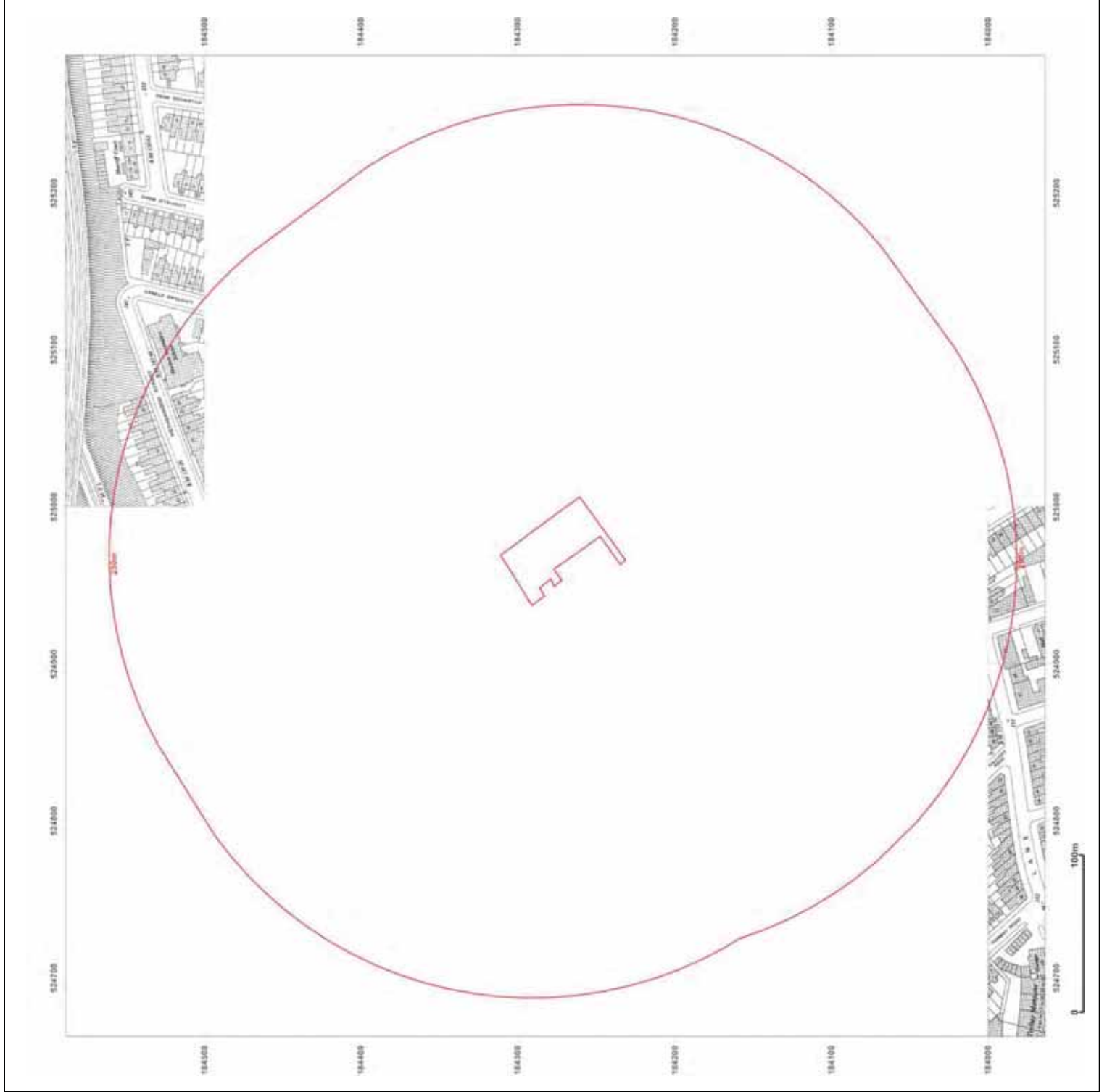


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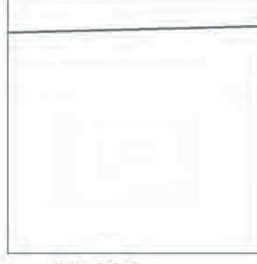
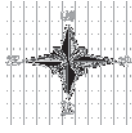
Client Ref: P8591J338.01
Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: County Series

Map date: 1935

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1935
Revised 1935
Edition N/A
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Levelled N/A

Surveyed 1935
Revised 1935
Edition N/A
Copyright N/A
Levelled N/A



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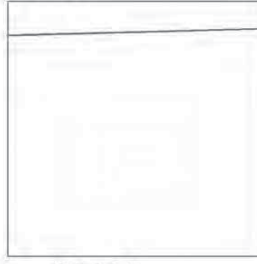
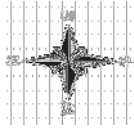
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Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: County Series

Map date: 1915

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1915
 Revised 1915
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1915
 Revised 1915
 Edition N/A
 Copyright N/A
 Levelled N/A

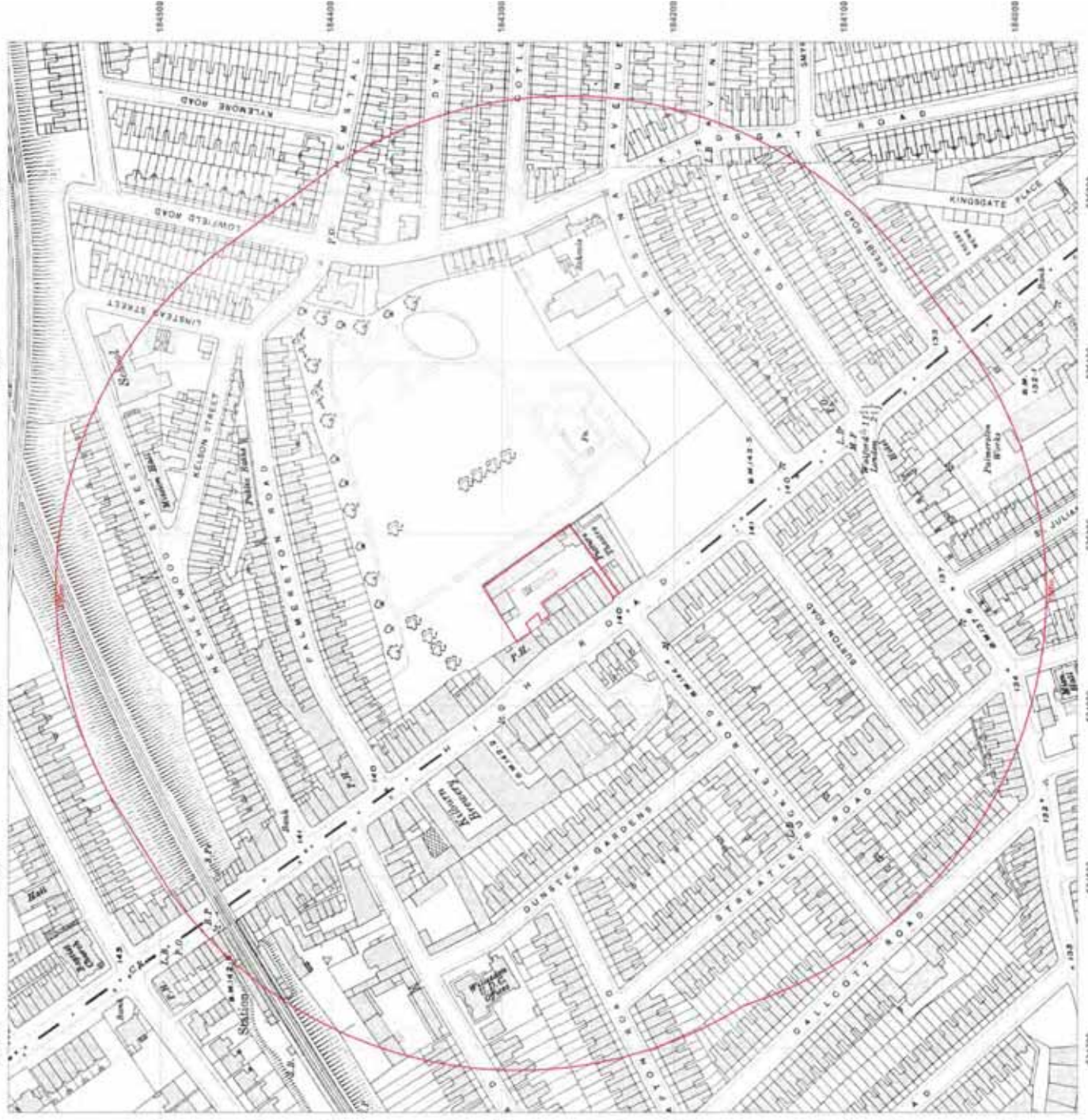


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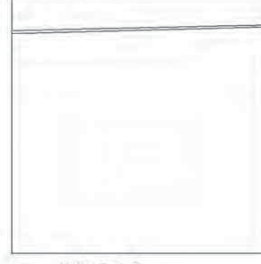
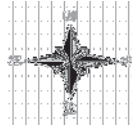
Client Ref: P8591J338.01
Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: County Series

Map date: 1896

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1896
 Revised 1896
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1896
 Revised 1896
 Edition N/A
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 Levelled N/A



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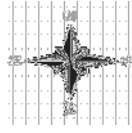
Client Ref: P8591J338.01
Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: 1056 Scale Town Plan

Map date: 1893

Scale: 1:1,056

Printed at: 1:1,056



Surveyed N/A
Revised N/A
Edition N/A
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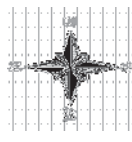
Client Ref: P8591J338.01
Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: 1056 Scale Town Plan

Map date: 1871

Scale: 1:1,056

Printed at: 1:1,056



Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

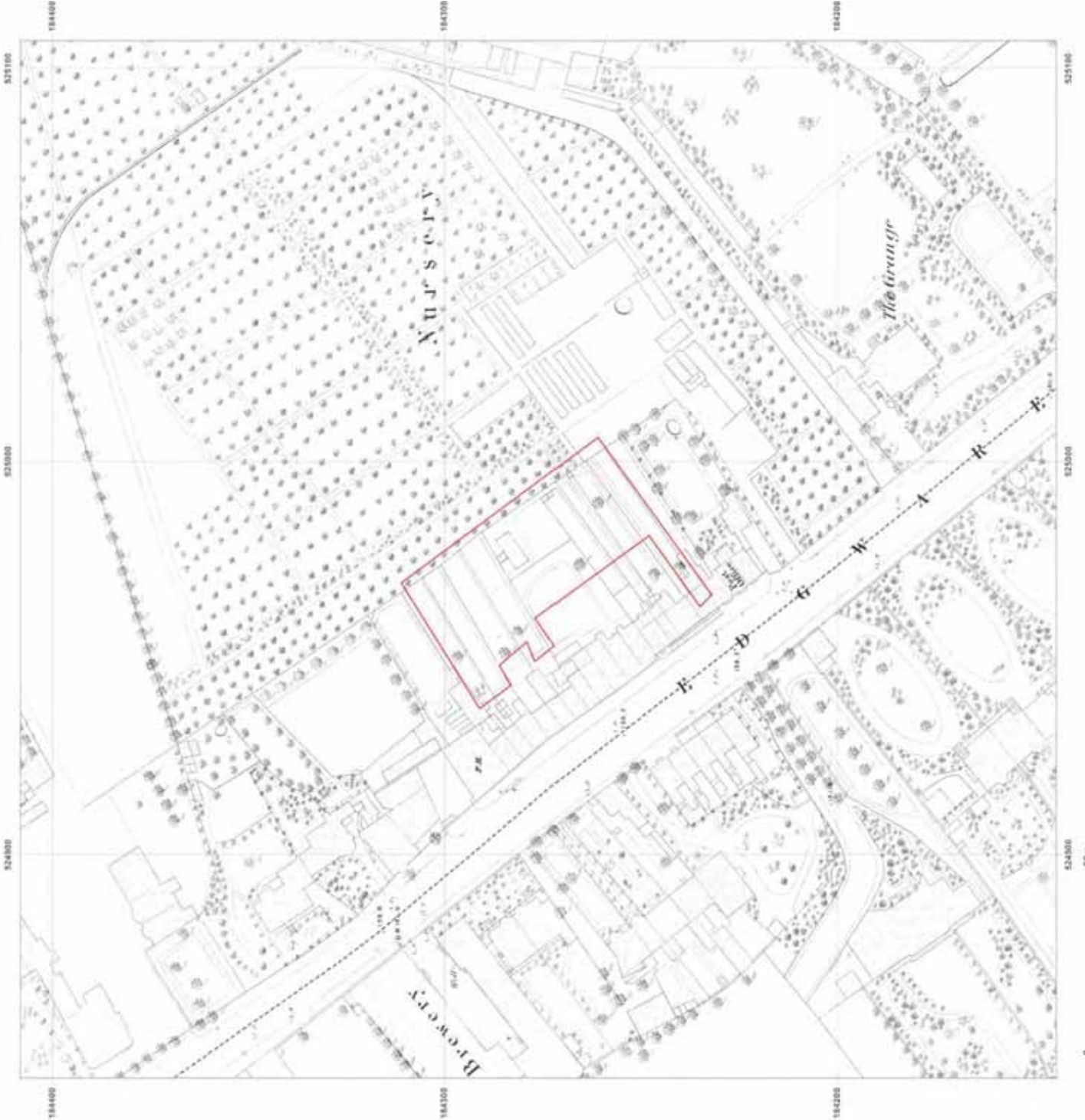


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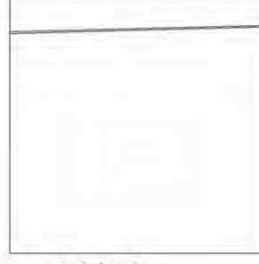
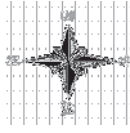
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Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: County Series

Map date: 1871

Scale: 1:2,500

Printed at: 1:2,500



Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed N/A
 Revised N/A
 Edition N/A
 Copyright N/A
 Levelled N/A

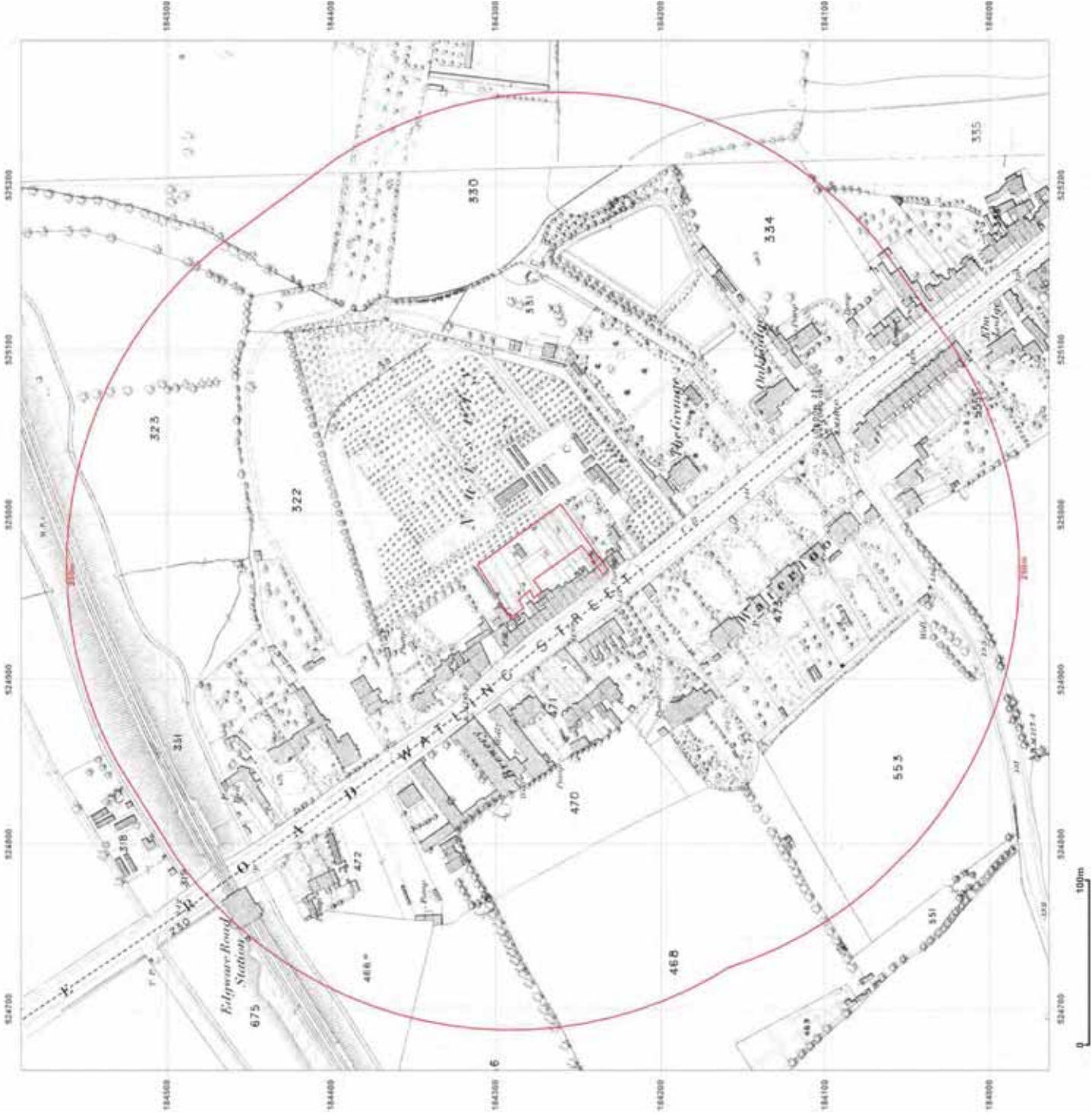


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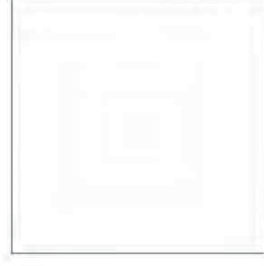
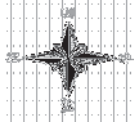
Client Ref: P8591J338.01
Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: 1056 Scale Town Plan

Map date: 1865

Scale: 1:1,056

Printed at: 1:1,056



Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

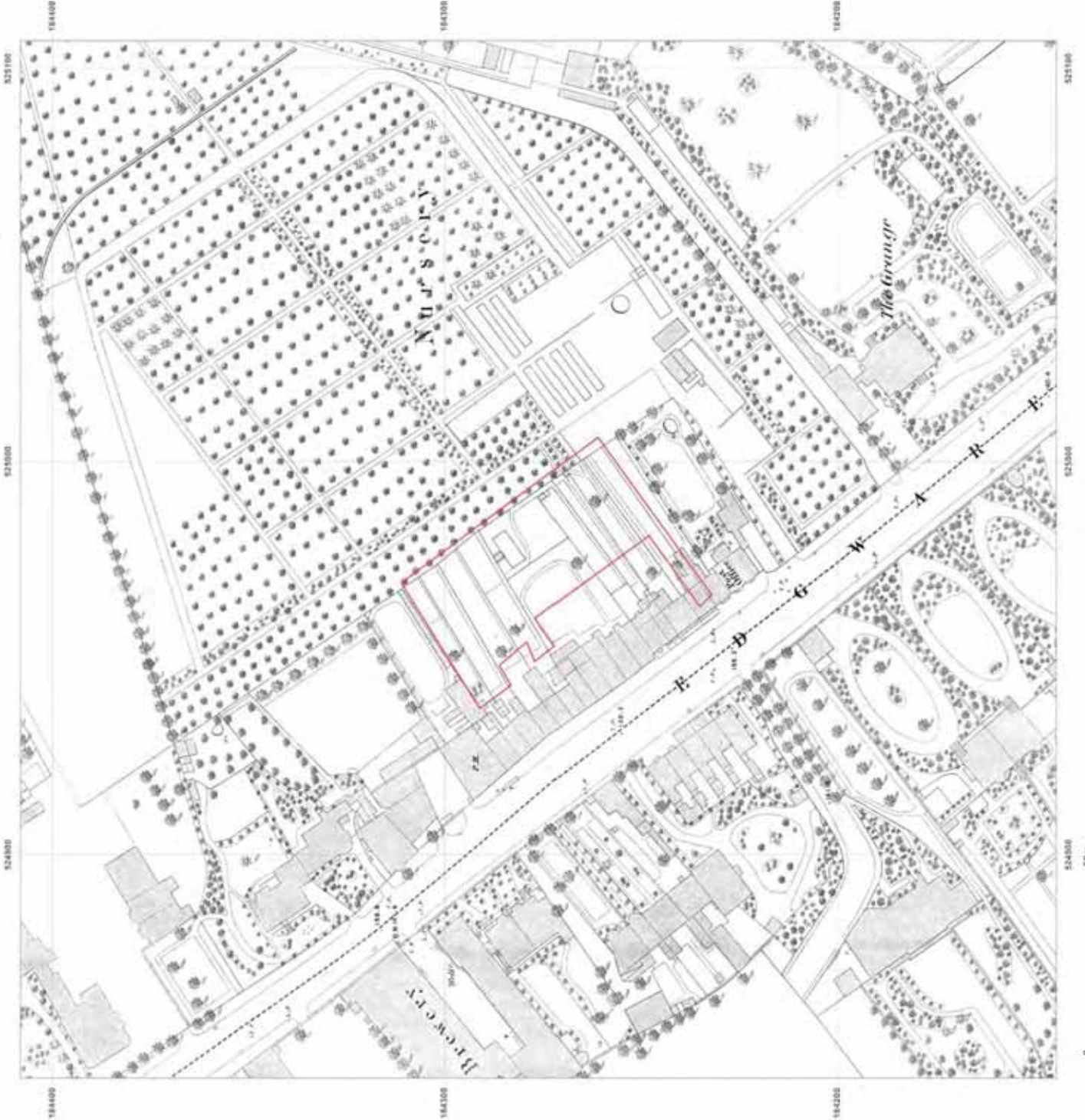


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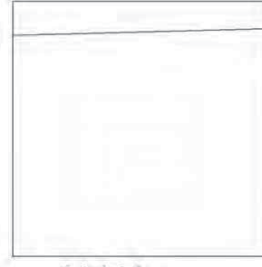
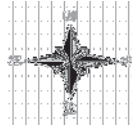
Client Ref: P8591J338.01
Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: County Series

Map date: 1865

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1865
Revised 1865
Edition N/A
Copyright N/A
Levelled N/A

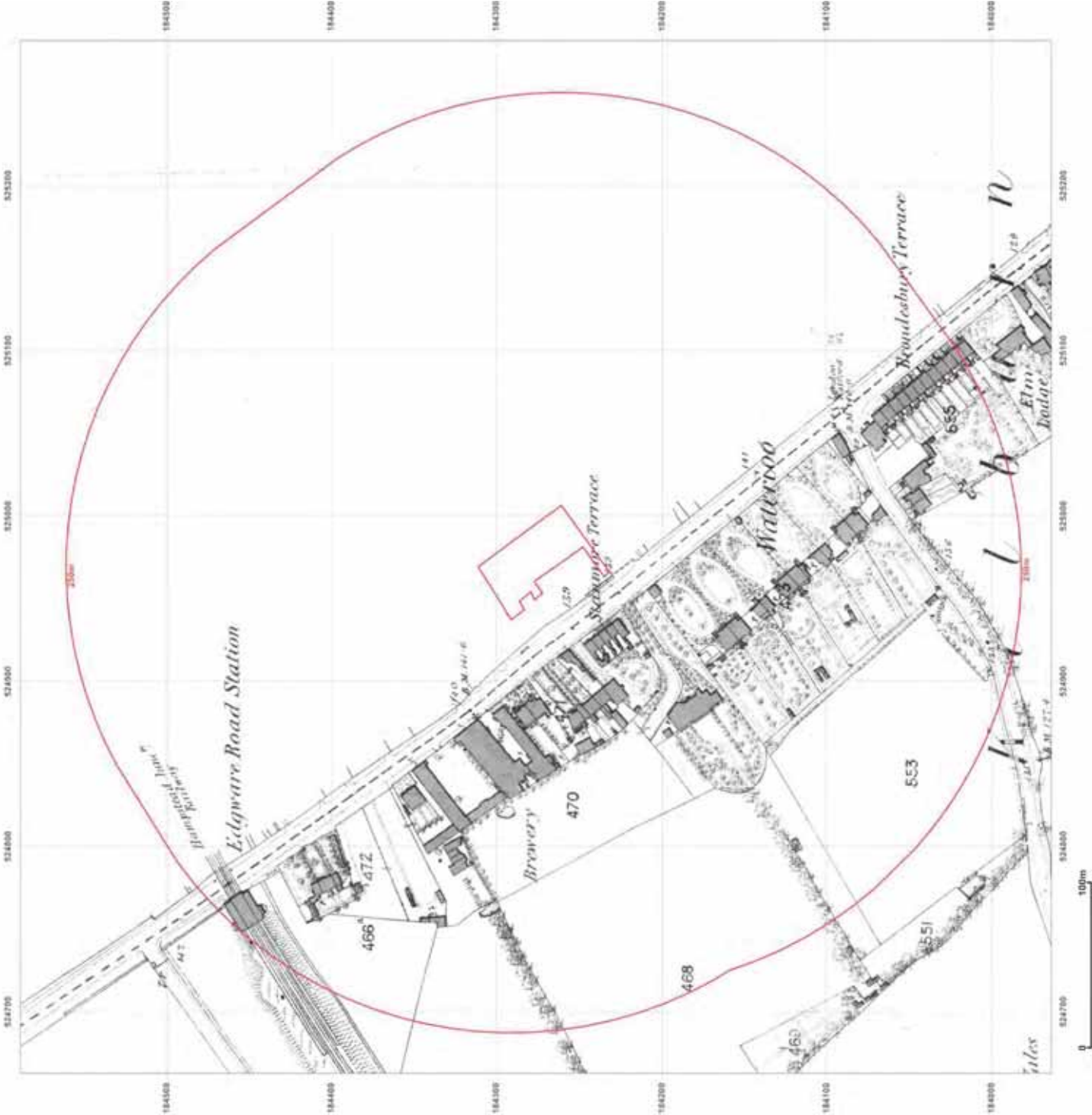


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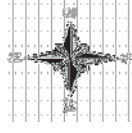
Client Ref: P8591J338.01
Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: National Grid

Map date: 2012

Scale: 1:10,000

Printed at: 1:10,000

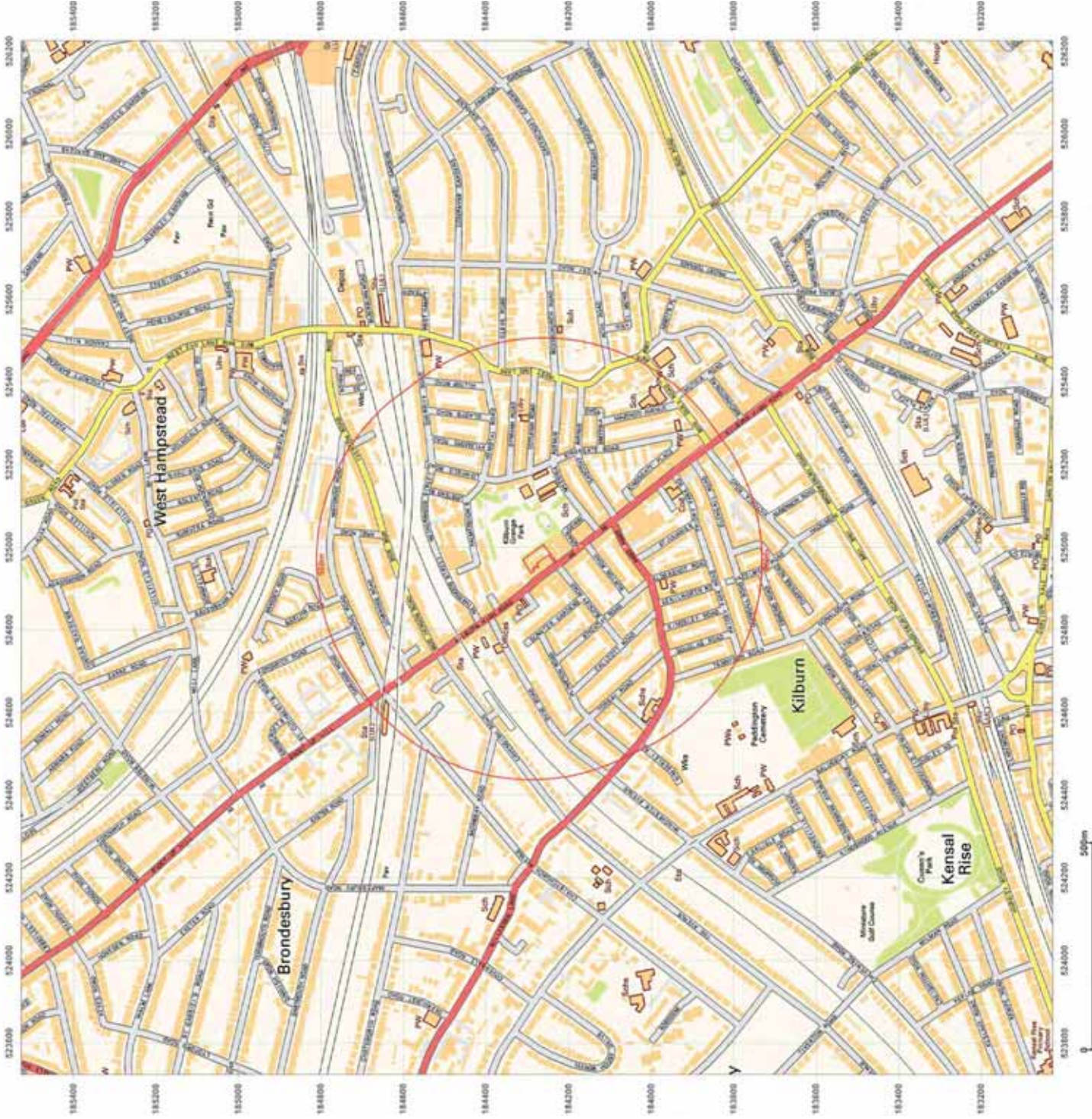


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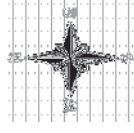
Client Ref: P8591J338.01
Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: 1:10,000 Raster

Map date: 2002

Scale: 1:10,000

Printed at: 1:10,000



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Site Details:

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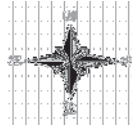
Client Ref: P8591J338.01
Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: National Grid

Map date: 1991-1996

Scale: 1:10,000

Printed at: 1:10,000

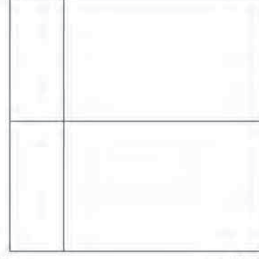


Surveyed 1975
 Revised 1993
 Edition N/A
 Copyright N/A
 Levelled N/A

Surveyed 1974
 Revised 1995
 Edition N/A
 Copyright 1996
 Levelled N/A

Surveyed 1981
 Revised 1995
 Edition N/A
 Copyright 1996
 Levelled N/A

Surveyed 1987
 Revised 1989
 Edition N/A
 Copyright 1991
 Levelled N/A

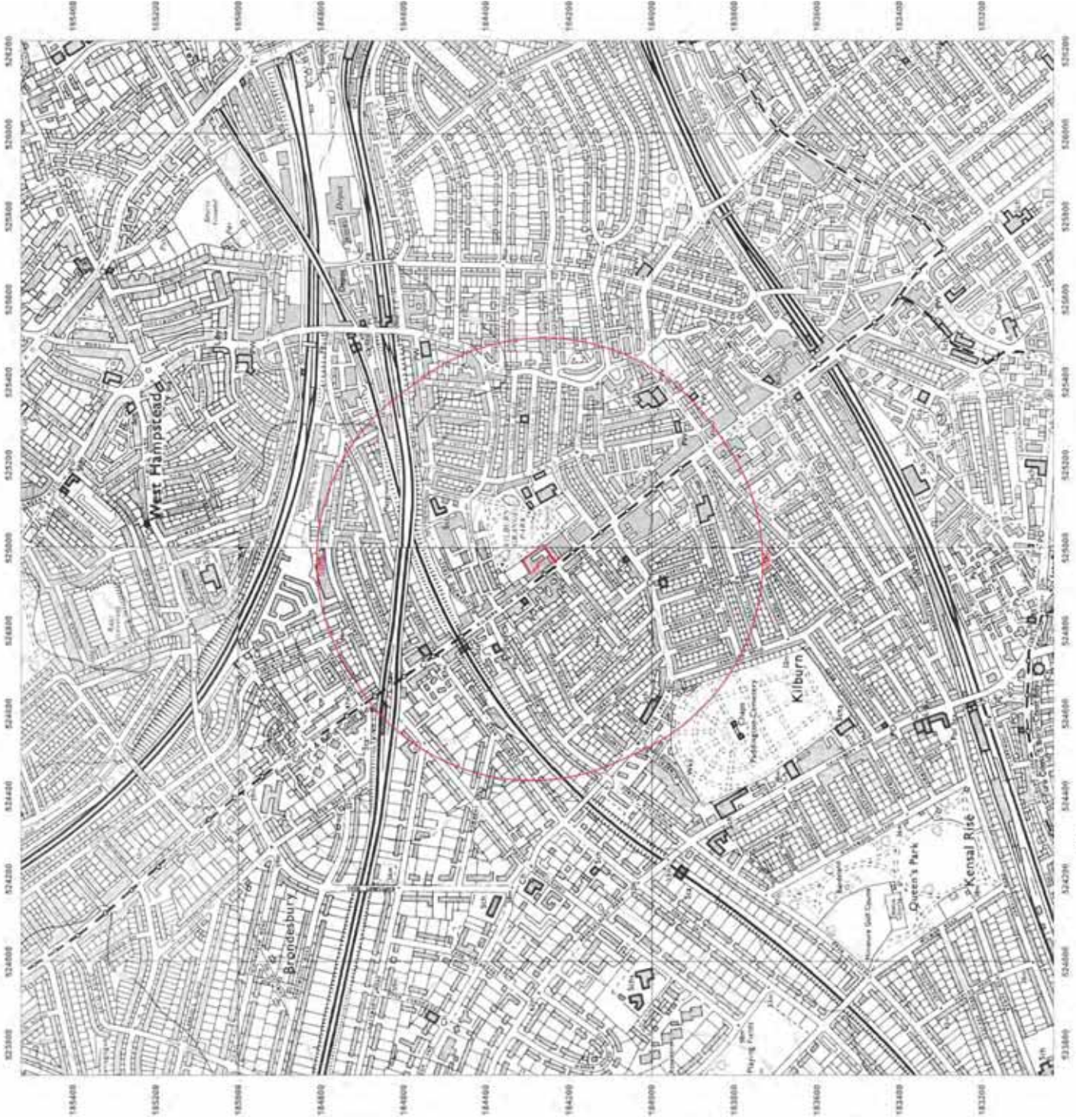


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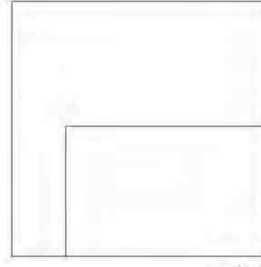
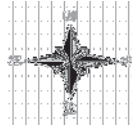
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Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: National Grid

Map date: 1982

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1981
Revised 1982
Edition N/A
Copyright N/A
Levelled N/A

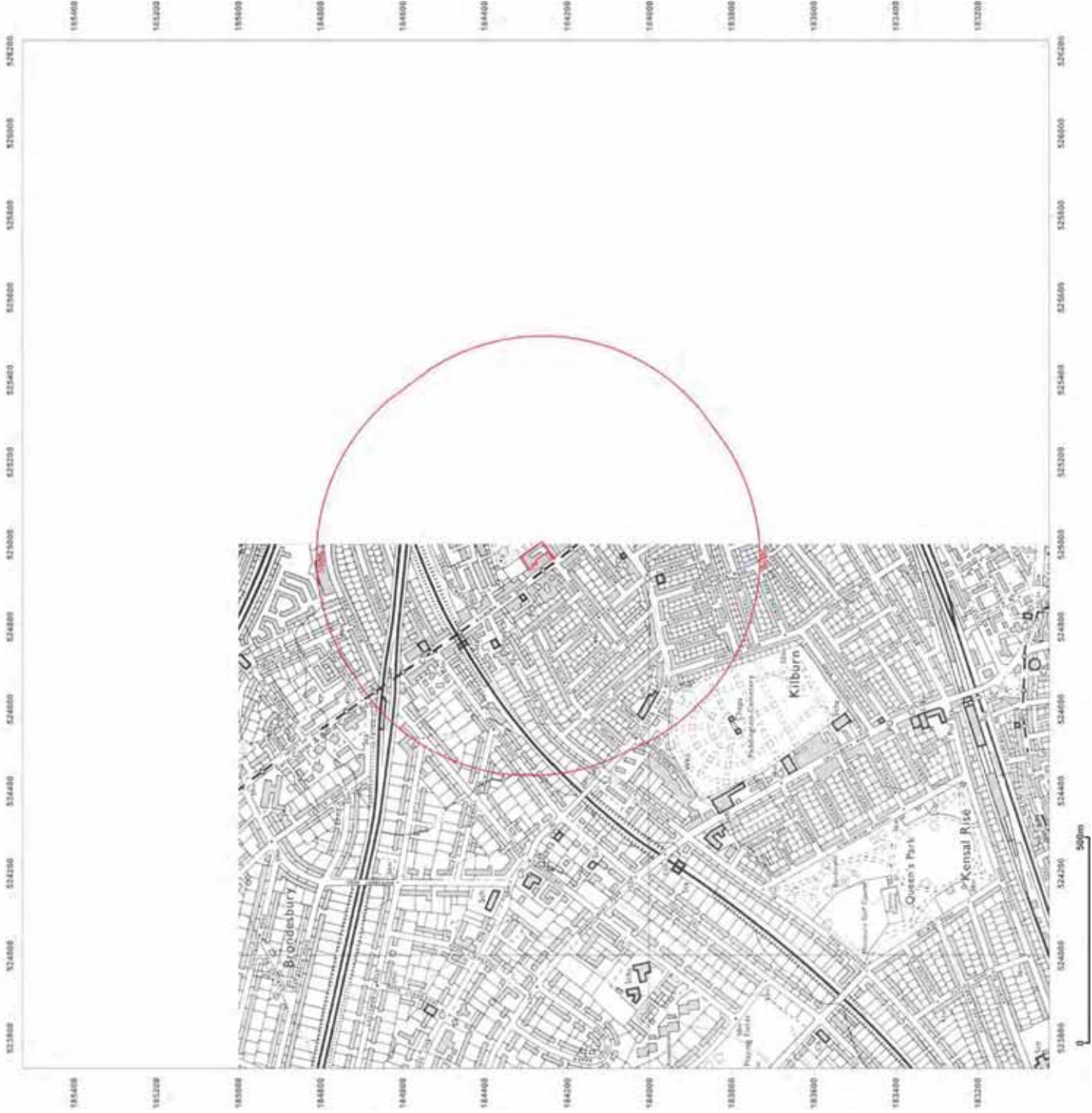


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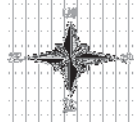
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Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: National Grid

Map date: 1973-1976

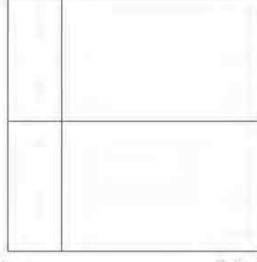
Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1975
Revised 1976
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1974
Revised 1974
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1973
Revised 1973
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1972
Revised 1973
Edition N/A
Copyright N/A
Levelled N/A

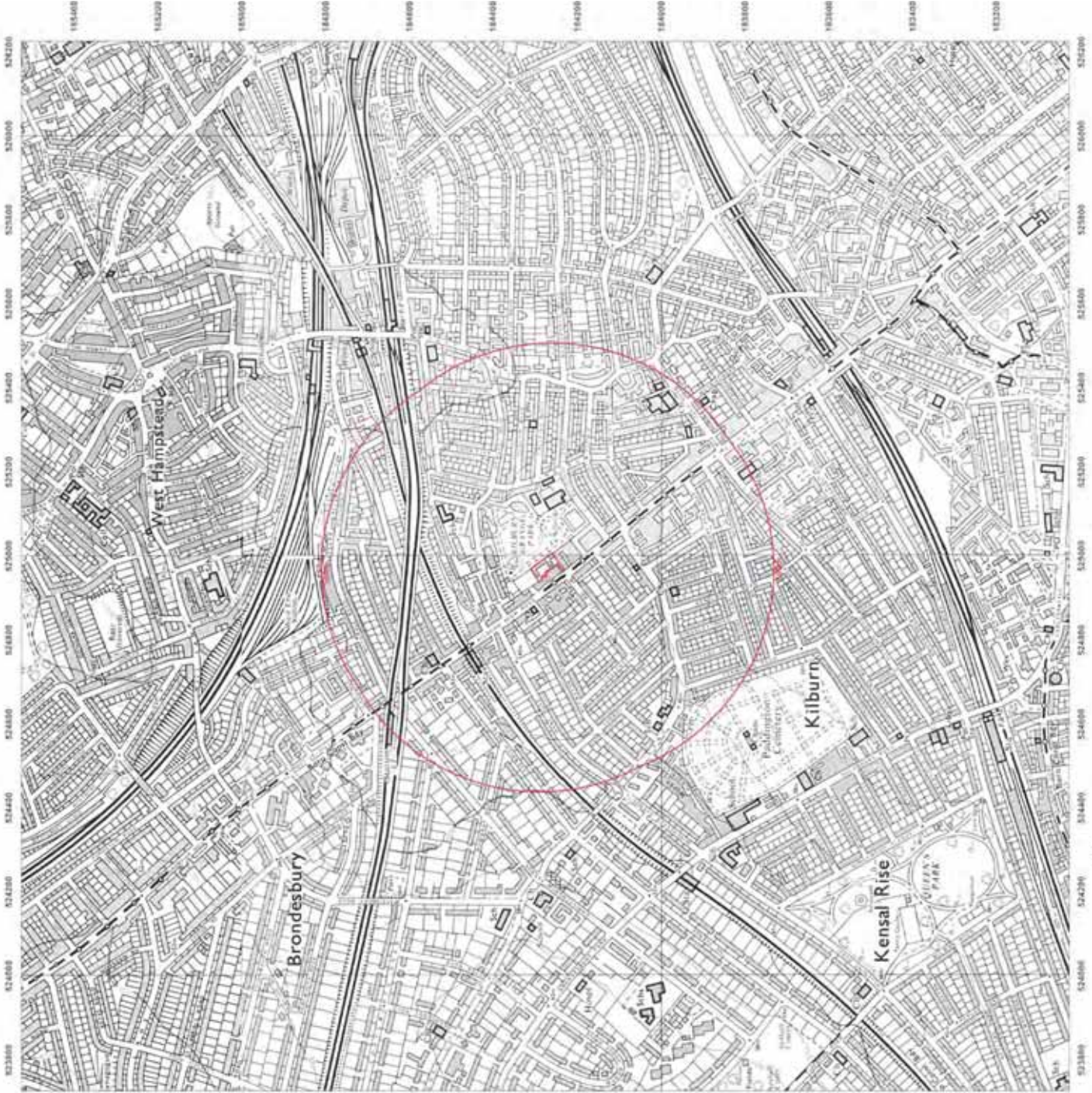


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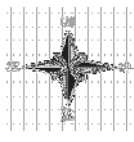
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Grid Ref: 524975, 184276

Map Name: Provisional

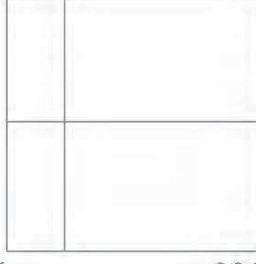
Map date: 1965-1968

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1966
Revised 1966
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1965
Revised 1965
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1965
Revised 1965
Edition N/A
Copyright 1987
Levelled N/A

Surveyed 1968
Revised 1968
Edition N/A
Copyright N/A
Levelled N/A

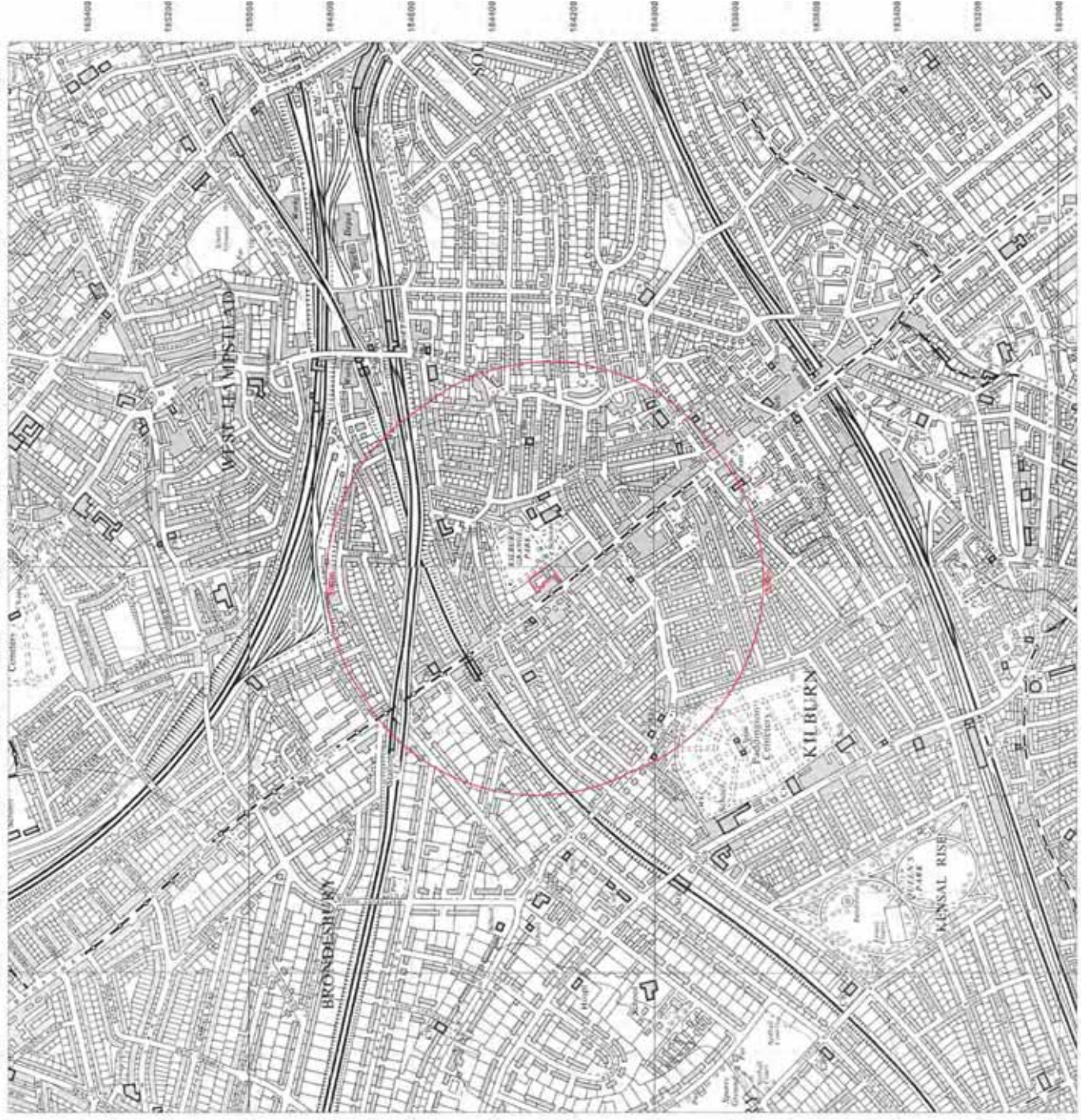


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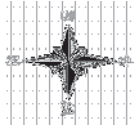
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Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: Provisional

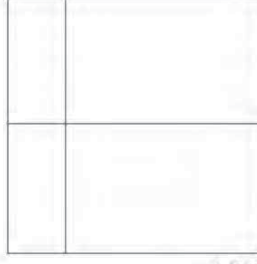
Map date: 1957-1958

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1958
Revised 1958
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1957
Revised 1957
Edition N/A
Copyright 1957
Levelled N/A

Surveyed 1957
Revised 1957
Edition N/A
Copyright N/A
Levelled N/A

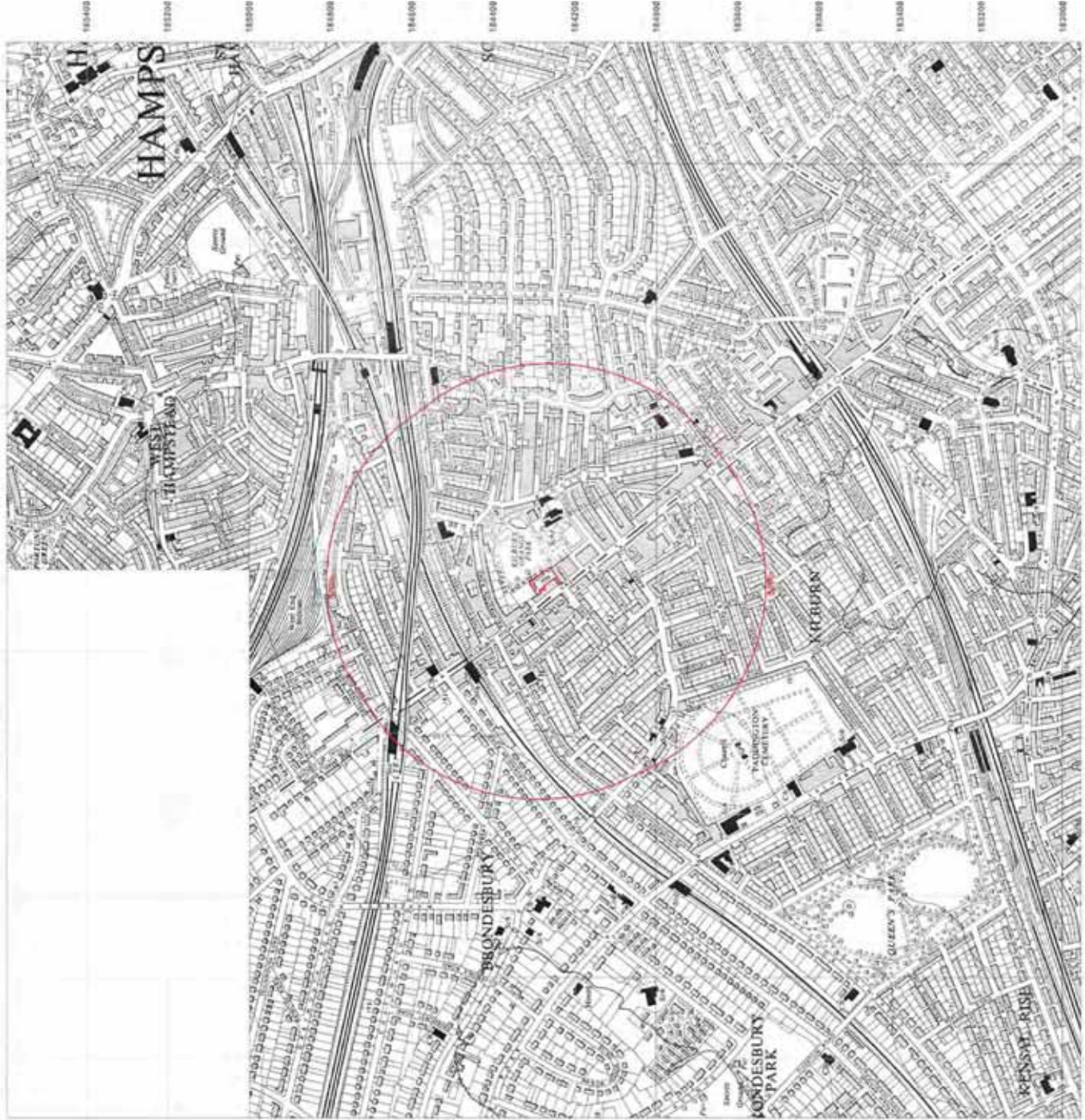


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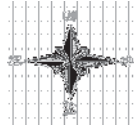
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Map Name: Provisional

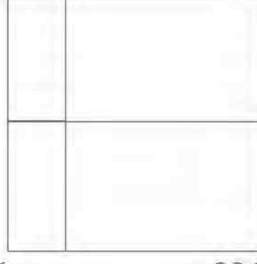
Map date: 1948-1951

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1940
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1940
Revised 1940
Edition N/A
Copyright 1951
Levelled N/A

Surveyed 1940
Revised 1940
Edition N/A
Copyright N/A
Levelled N/A

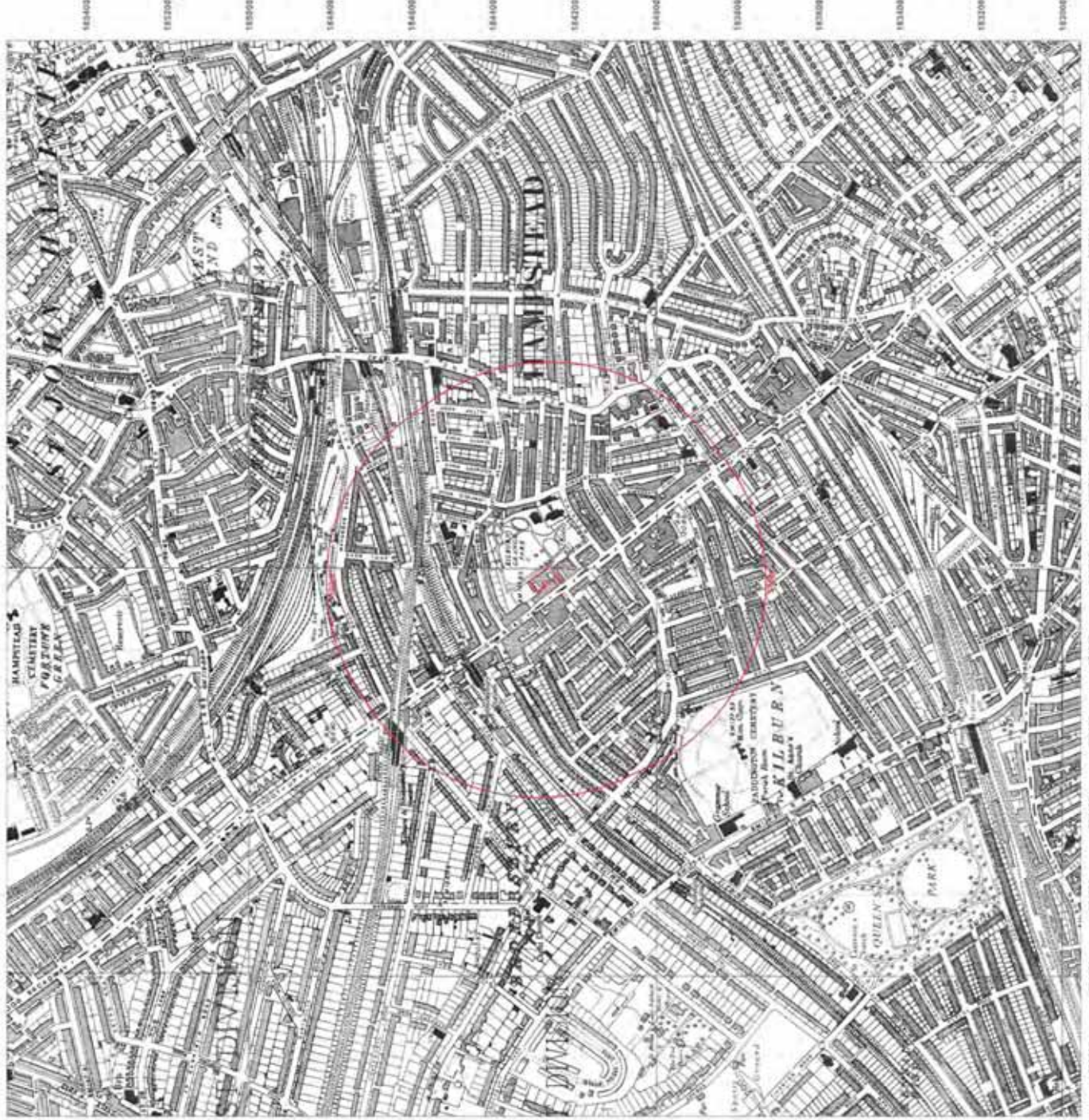


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500m



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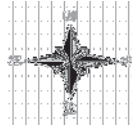
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Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: County Series

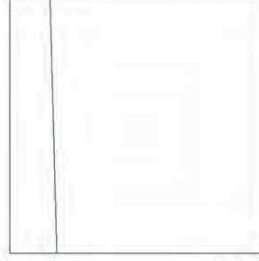
Map date: 1920

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1885
Revised 1920
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1865
Revised 1920
Edition N/A
Copyright N/A
Levelled N/A

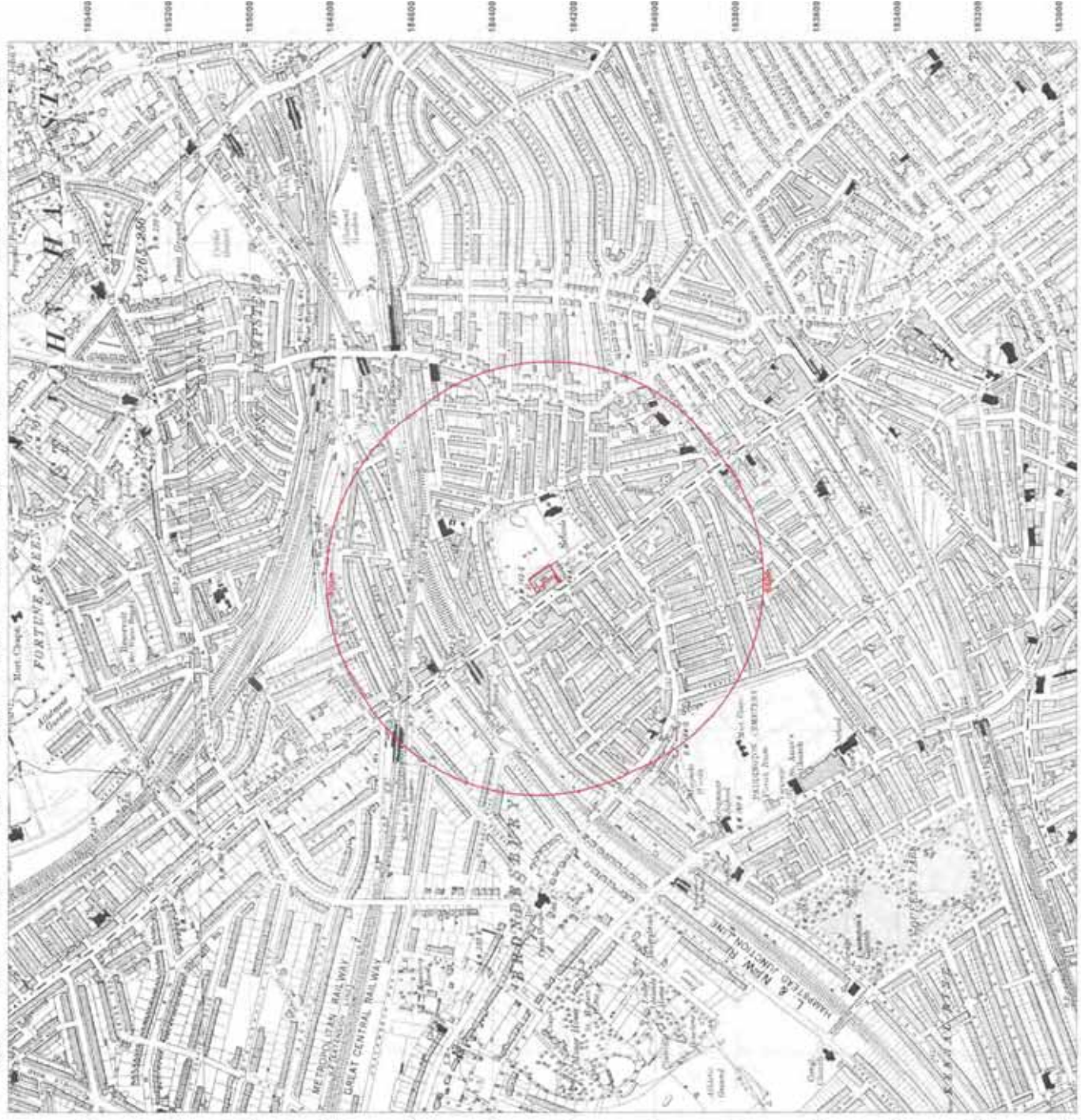


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Site Details:

254 KILBURN HIGH
ROAD, LONDON, NW6 2BS

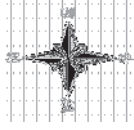
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Report Ref: HMD-377-1073605
Grid Ref: 524975, 184276

Map Name: County Series

Map date: 1894

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1894
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1894
Revised 1894
Edition N/A
Copyright N/A
Levelled N/A

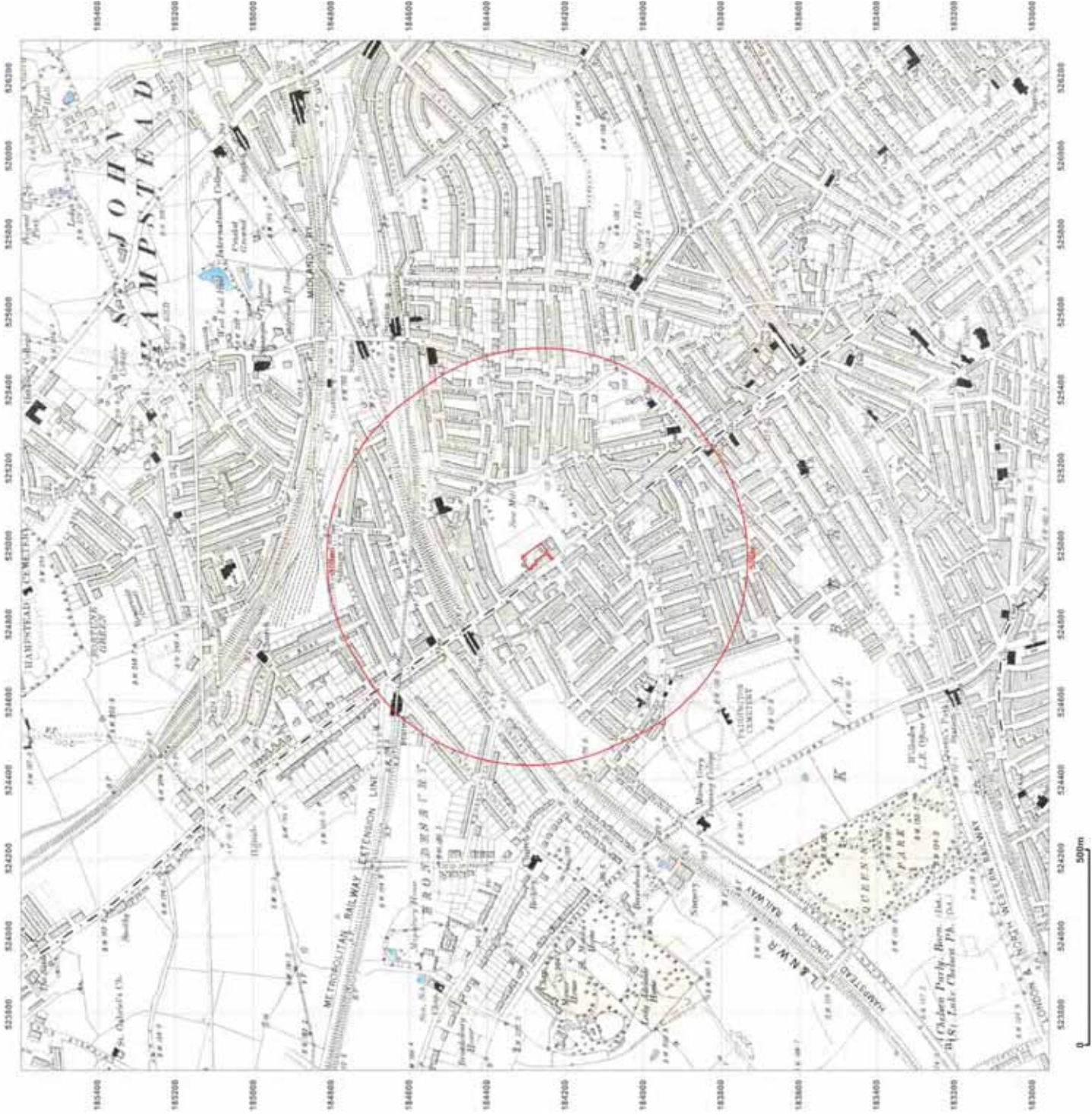


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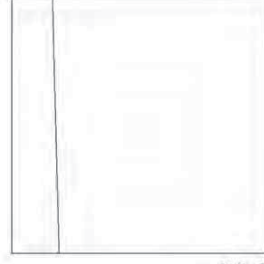
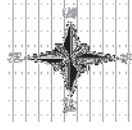
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Grid Ref: 524975, 184276

Map Name: County Series

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Surveyed 1866
Revised 1866
Edition N/A
Copyright N/A
Levelled N/A

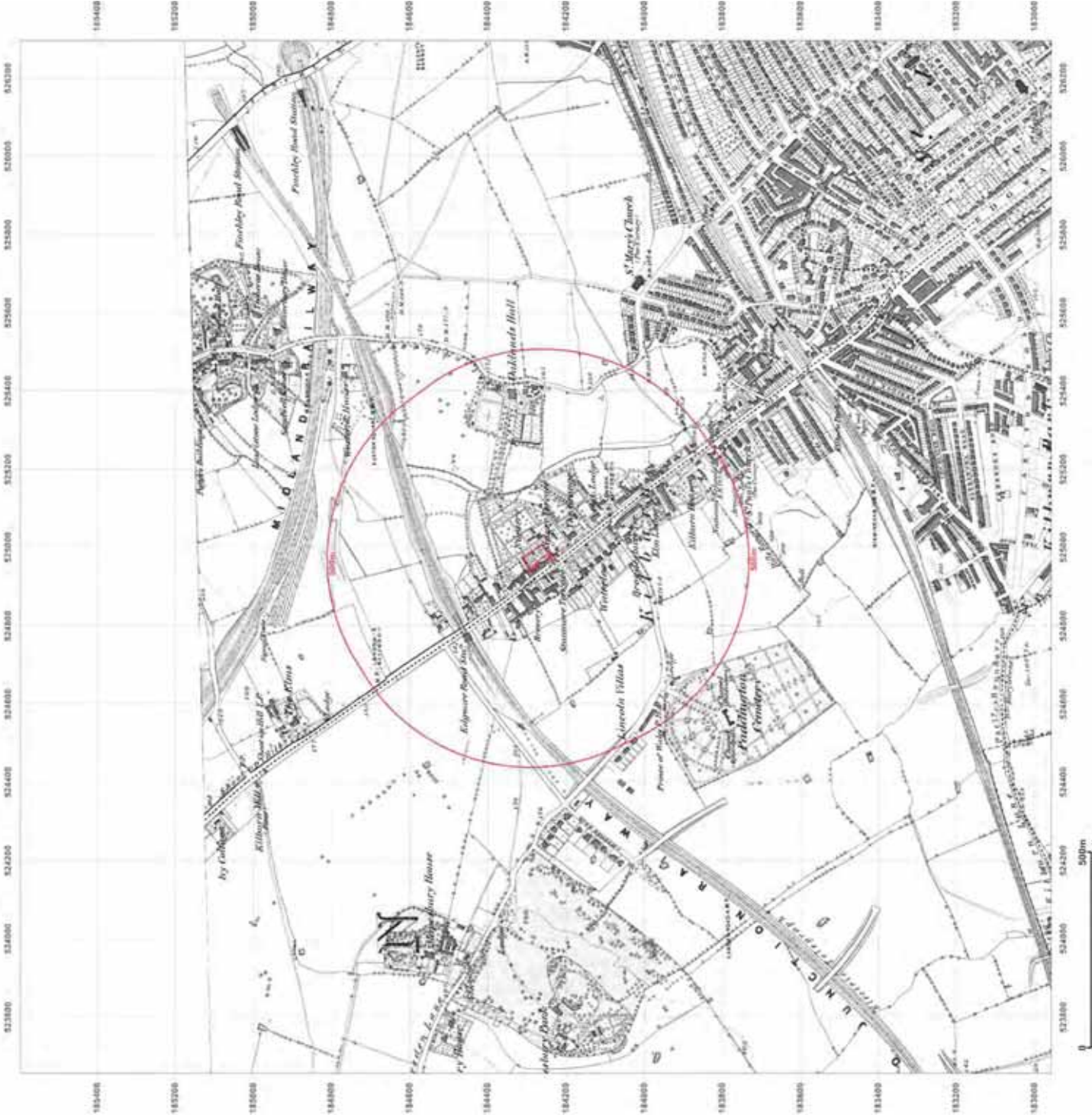


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APPENDIX 4 – QUALITATIVE RISK ASSESSMENT METHODOLOGY

QUALITATIVE RISK ASSESSMENT METHODOLOGY

The following Contaminated Land Risk Assessment methodology is based on CIRIA C552 (2001) *Contaminated Land Risk Assessment – A Guide to Good Practice*, in order to quantify potential risk via **risk estimation** and **risk evaluation**, which can be adopted at the Phase I stage. This will then determine an overall risk category which can be used to identify likely actions. This methodology uses qualitative descriptors and therefore is a qualitative approach.

The methodology requires the classification of:

- the magnitude of the **consequence** (severity) of a risk occurring, and
- the magnitude of the **probability** (likelihood) of a risk occurring.

The potential consequences of contamination risks occurring at this site are classified in accordance with Table A4.1 below, which is adapted from the CIRIA guidance.

Table A4.1: Classification of Consequence

Classification	Definition of Consequence
Severe	<ul style="list-style-type: none"> • Short-term (acute) risks to human health. • Short-term risk of pollution of sensitive water resource or ecosystem. • Catastrophic damage to crops/buildings/property/infrastructure, including off-site soils.
Medium	<ul style="list-style-type: none"> • Medium/long-term (chronic) risks to human health. • Medium/long-term risk of pollution of sensitive water resource or ecosystem. • Significant damage to crops/buildings/property/infrastructure (on or off-site). • Contamination of off-site soils.
Mild	<ul style="list-style-type: none"> • Easily preventable, permanent health effects on humans. • Pollution of non-sensitive water resources. • Localised damage to crops/buildings/property/infrastructure (on or off-site).
Minor	<ul style="list-style-type: none"> • Easily preventable, non-permanent health effects on humans, or no effects. • Minor, low-level and localised contamination of on-site soils. • Easily repairable damage to crops/buildings/property/infrastructure.

The probability of contamination risks occurring at this site will be classified in accordance with Table A4.2 below which is also adapted from the CIRIA guidance. Note that for each category, it is assumed that a pollution linkage exists. Where a pollution linkage does not exist, the likelihood is zero, as is the risk.

Table A4.2: Classification of Probability

Classification	Definition of Probability
High Likelihood	Circumstances are such that an event appears very likely in the short-term or almost inevitable in the long-term; or there is already evidence that such an event has occurred.
Likely	Circumstances are such that such an event is not inevitable, but is possible in the short-term and is likely over the long-term.
Low Likelihood	Circumstances are such that it is by no means certain that an event would occur even over a longer period, and it is less likely in the short-term.
Unlikely	Circumstances are such that it is improbable that an event would occur even in the very long-term.

For each possible pollution linkage (source-pathway-receptor) identified, the potential risk can be evaluated, as presented in Table A3.3. Based upon this, CIRIA C552 presents definitions of the risk categories, together with the investigatory and remedial actions that are likely to be necessary in each case, as in Table A3.4. These risk categories apply to each possible pollutant linkage, and not simply to each hazard/source of contamination or sensitive receptor.

Table A4.3: Overall Contamination Risk Matrix

		Consequence			
		Severe	Medium	Mild	Minor
Probability	High likelihood	Very high risk	High risk	Moderate risk	Low risk
	Likely	High risk	Moderate risk	Moderate risk	Low risk
	Low likelihood	Moderate risk	Moderate risk	Low risk	Very low risk
	Unlikely	Low risk	Low risk	Very low risk	Very low risk

Table A4.4: Definition of Risk Categories and Likely Actions Required

Risk Category	Definition and likely actions required
Very high	<ul style="list-style-type: none"> • Severe harm to a defined receptor is very likely, or has already occurred. • The risk is likely to result in a substantial liability. • Urgent investigation (if not already undertaken) is likely to be required. • Urgent remediation is likely to be required.
High	<ul style="list-style-type: none"> • Harm to a defined receptor is likely. • The risk, if realised, may result in a substantial liability. • Urgent investigation (if not already undertaken) is likely to be required. • Remediation is likely to be required in the long term, possibly sooner.
Moderate	<ul style="list-style-type: none"> • Harm to a defined receptor is possible, but severe harm is unlikely. • Investigation is likely to be required to clarify the level of potential liability and risk. • Some remediation may be required in the longer term
Low	<ul style="list-style-type: none"> • Harm to a defined receptor is possible, but is likely to be mild at worst. • Liabilities could theoretically arise, but are unlikely. • Further investigation is not required at this stage • Remediation is unlikely to be required.
Very low	<ul style="list-style-type: none"> • Harm to a defined receptor is unlikely, and would be minor at worst. • No liabilities are likely to arise. • Further investigation is not required at this stage • Remediation is very unlikely to be required.

APPENDIX 5 – BGS BOREHOLE RECORDS

GEOLOGICAL SURVEY OF GREAT BRITAIN

RECORD OF SHAFT OR BORE FOR MINERALS

(For Survey use only)
6-inch Map Registered No.

TQ28SW/11

Name of Shaft or Bore given by Geological Survey:

Name and Number given by owner:

Kilburn - Mitchells Brewery (closed 1926) B 6

Nat. Grid Reference

2490892

For whom made

Town or Village Willesden County

1" N.S. Map No.

256

1" O.S. Map No.

Cont or

Exact site

Attach a tracing from a map, or a sketch-map, if possible.

Purpose for which made Well

Ground Level at ^{shaft} _{bore} relative to O.D. If not ground level give O.D. of beginning of ^{shaft} _{bore}

Made by Date of sinking 189

Information from Date received

Examined by

SPECIMEN NUMBERS AND ADDITIONAL NOTES

(For Survey use only) GEOLOGICAL CLASSIFICATION	DESCRIPTION OF STRATA	THICKNESS		DEP
		FT.	IN.	FT.
	London Memoir II p.127 (note) also LW. p 63 note From London Memoir, p127			280
	Kilburn Brewery. 1848. SWINDELL'S " Rudimentary Treatise on Well-digging, &c.," Ed. 4, p. 74. Shaft 260 feet, the rest bored. Water rose to within 180 feet of the ground. Blue London Clay : 235 } To sand-spring, 280. Mottled clay, pebbles, and sand : 45 }			
	From London Wells, p63			

B KILBURN. High Rd. Michell & Aldous' Brewery. Lond. 6 NE (b. 4).
Well O.D. 145. Depth 280. Shaft 4 feet diameter to 260; rest 8 inch bore. Carried only to the sands above the Chalk, the top of which is roughly -147. Water rose to about sea-level. Messrs. Tilley carried the boring into the Chalk. Closed 1926.
See Swindell. A Treatise on Well Dizzing. Ed. iv. p. 74.

G.W.B.Lad. G12-863

1" = 256

TA/285E/599-606, 180

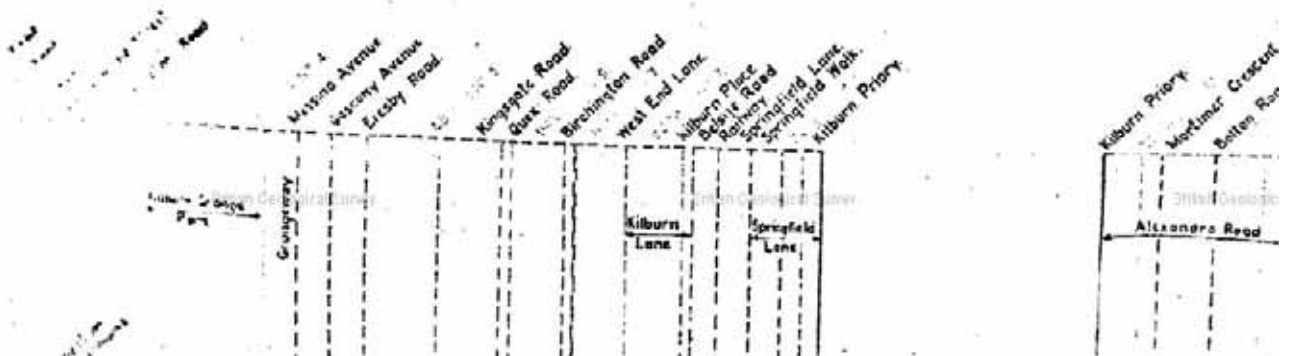
TA/285E/ 624.

KEY PLAN SHOWING LINE OF PROPOSED SEWERS AND POSITIONS OF BORINGS.



SCALE :- 6 INCHES TO ONE MILE.

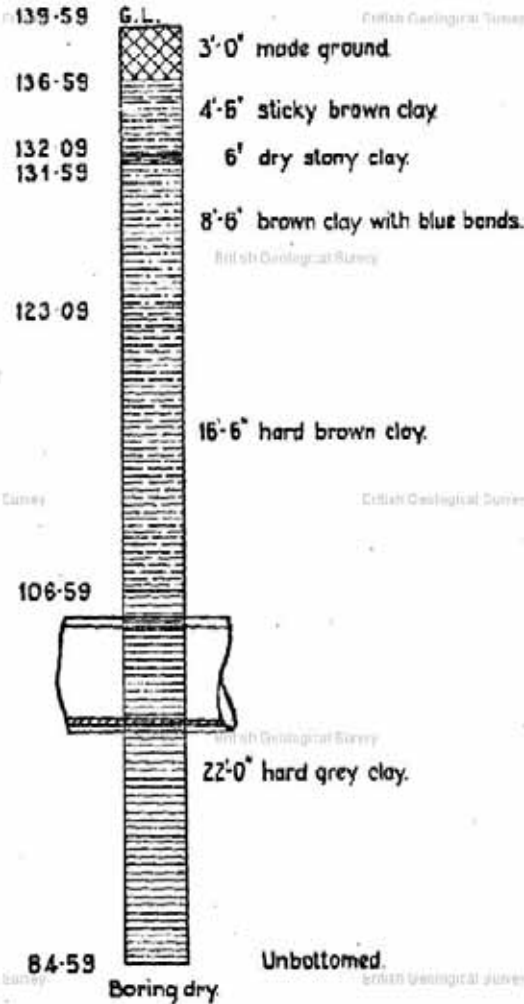
LONGITUDINAL SECTIONS.



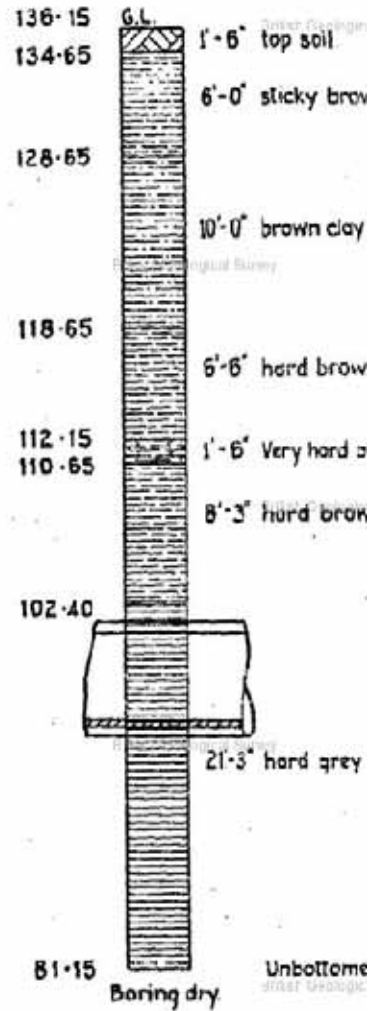
DETAILS OF BORING

TQ/28SE/624
2502.8428.

BORING N° 3. Made in 1955.



BORING N° 4. Made in 1955.



BORING N° 10. Made in 1955.

