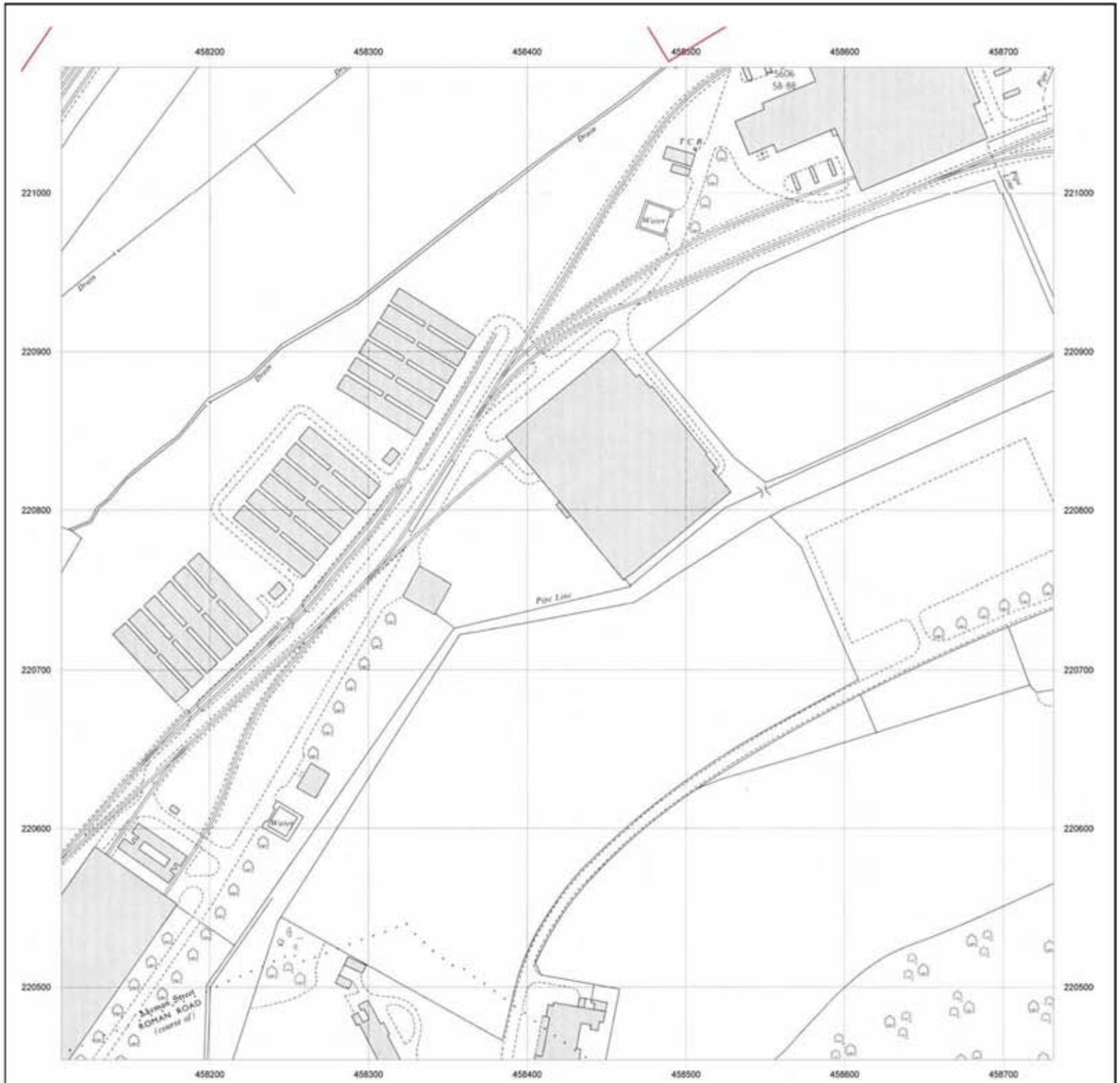

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B2-MM
Grid Ref: 458419, 220767

Map Name: National Grid

Map date: **1966**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1966
Revised 1966
Edition NA
Copyright 1968
Levelled 1962

Surveyed 1966
Revised 1966
Edition NA
Copyright 1967
Levelled 1962

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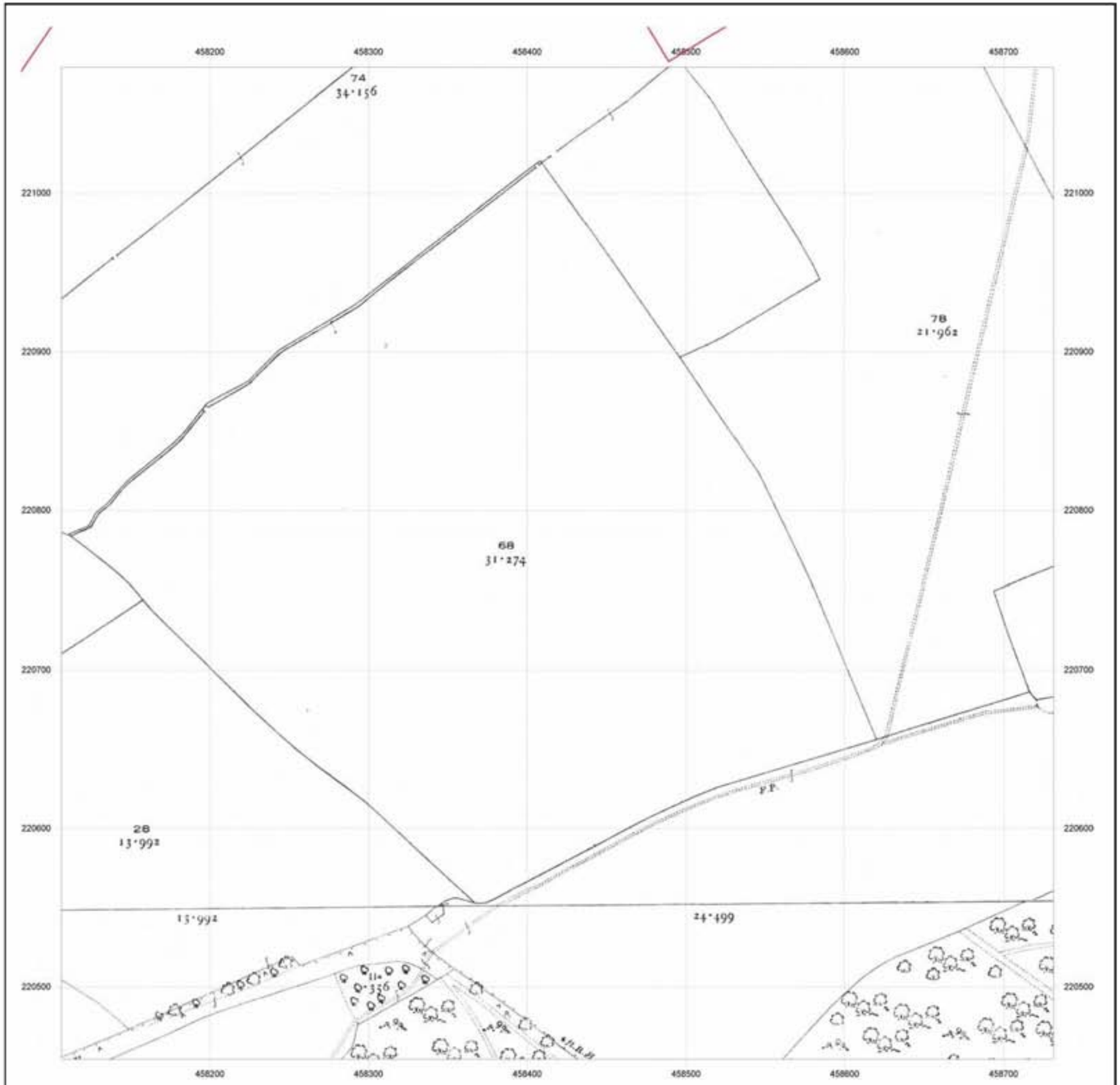
Production date:07 January 2010



emapsite™

Site Details:

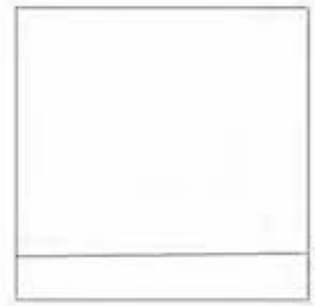
Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B2-MM
Grid Ref: 458419, 220767

Map Name: County Series

Map date: 1922

Scale: 1:2,500

Printed at: 1:2,500



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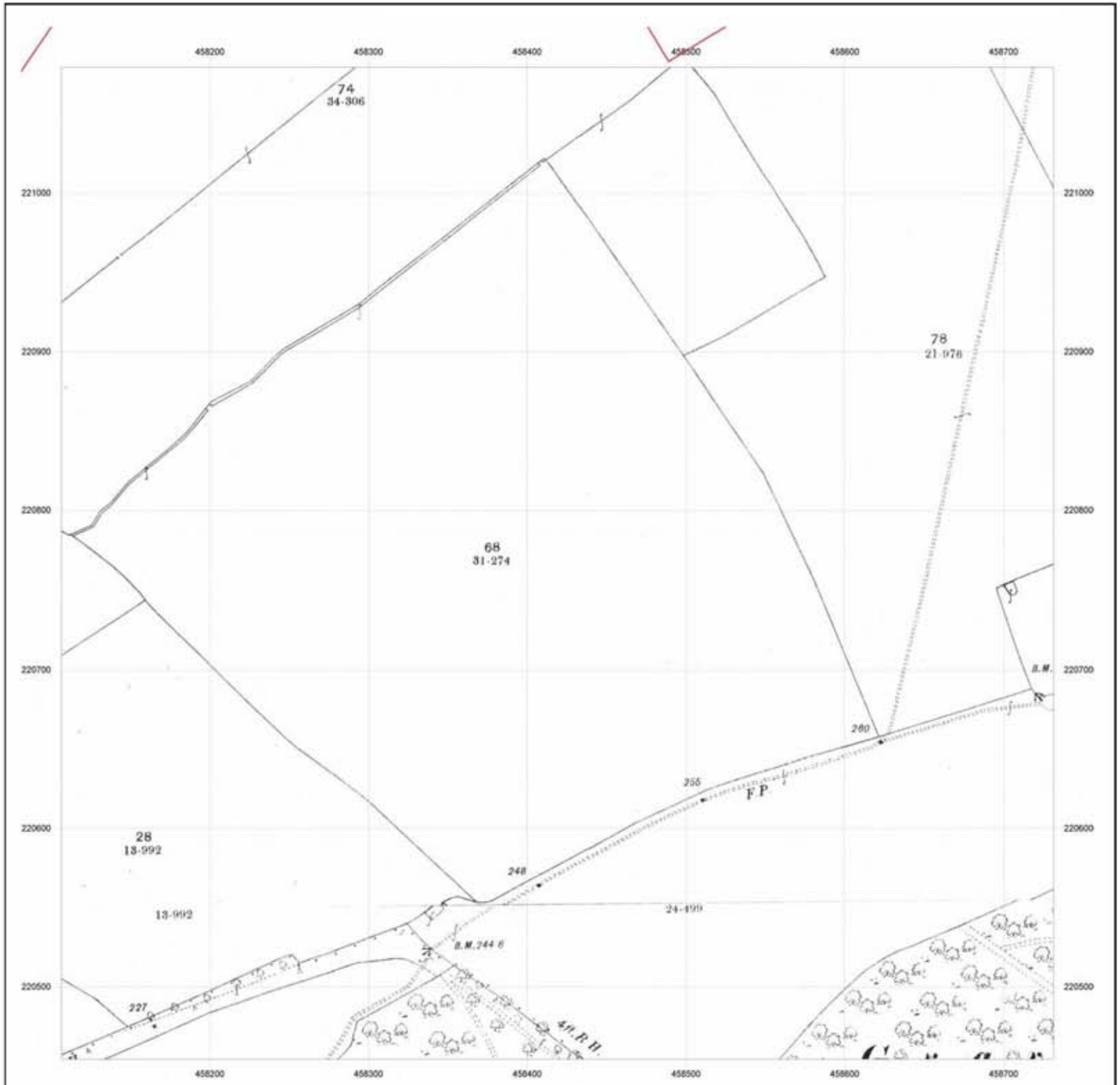

emapsite™

Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B2-MM
Grid Ref: 458419, 220767

Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

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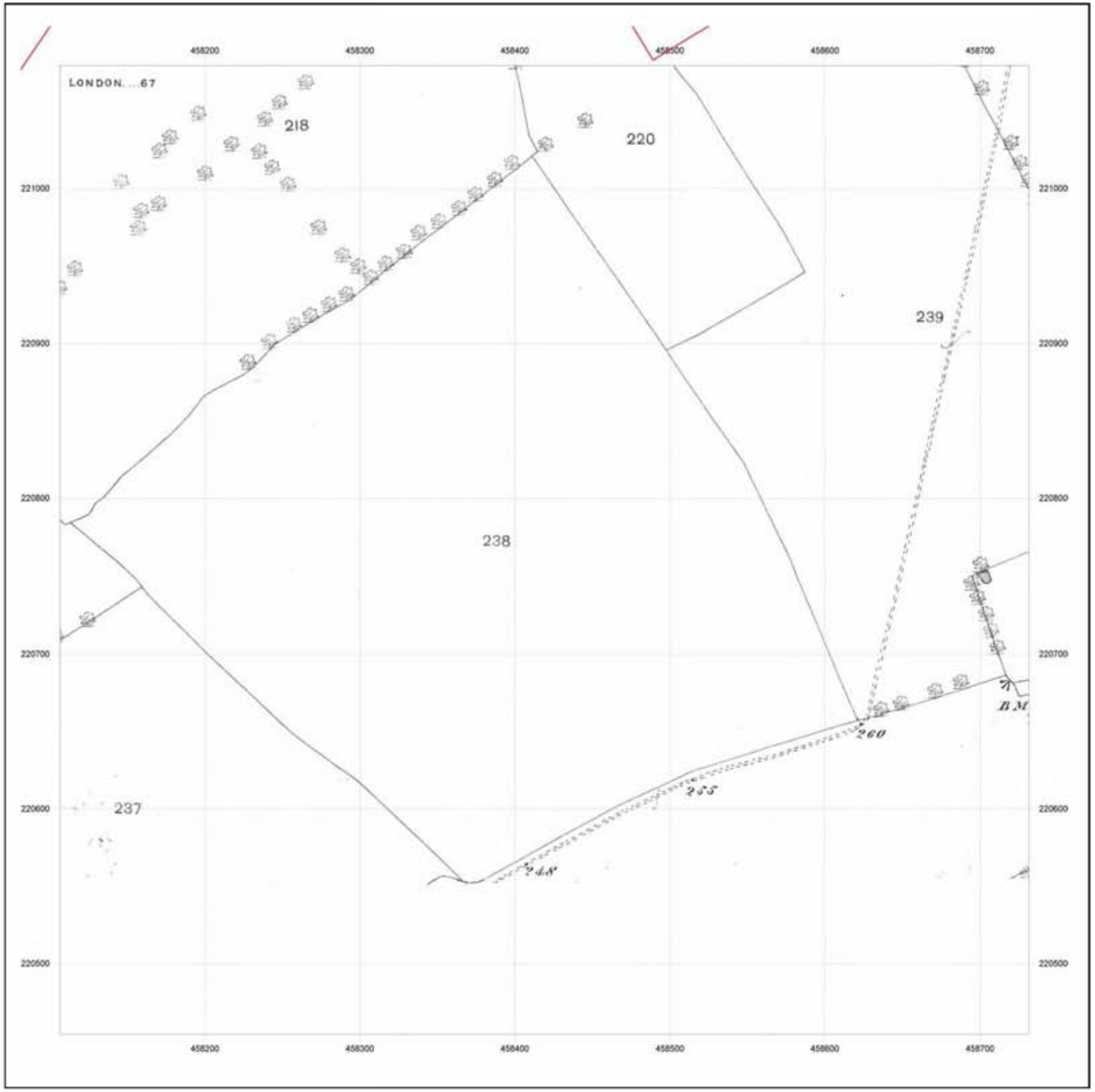

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B2-MM
Grid Ref: 458419, 220767

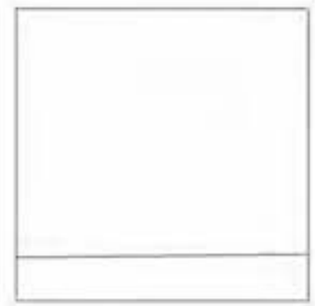
Map Name: County Series

Map date: **1881**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1881
Revised 1881
Edition NA
Copyright NA
Levelled NA



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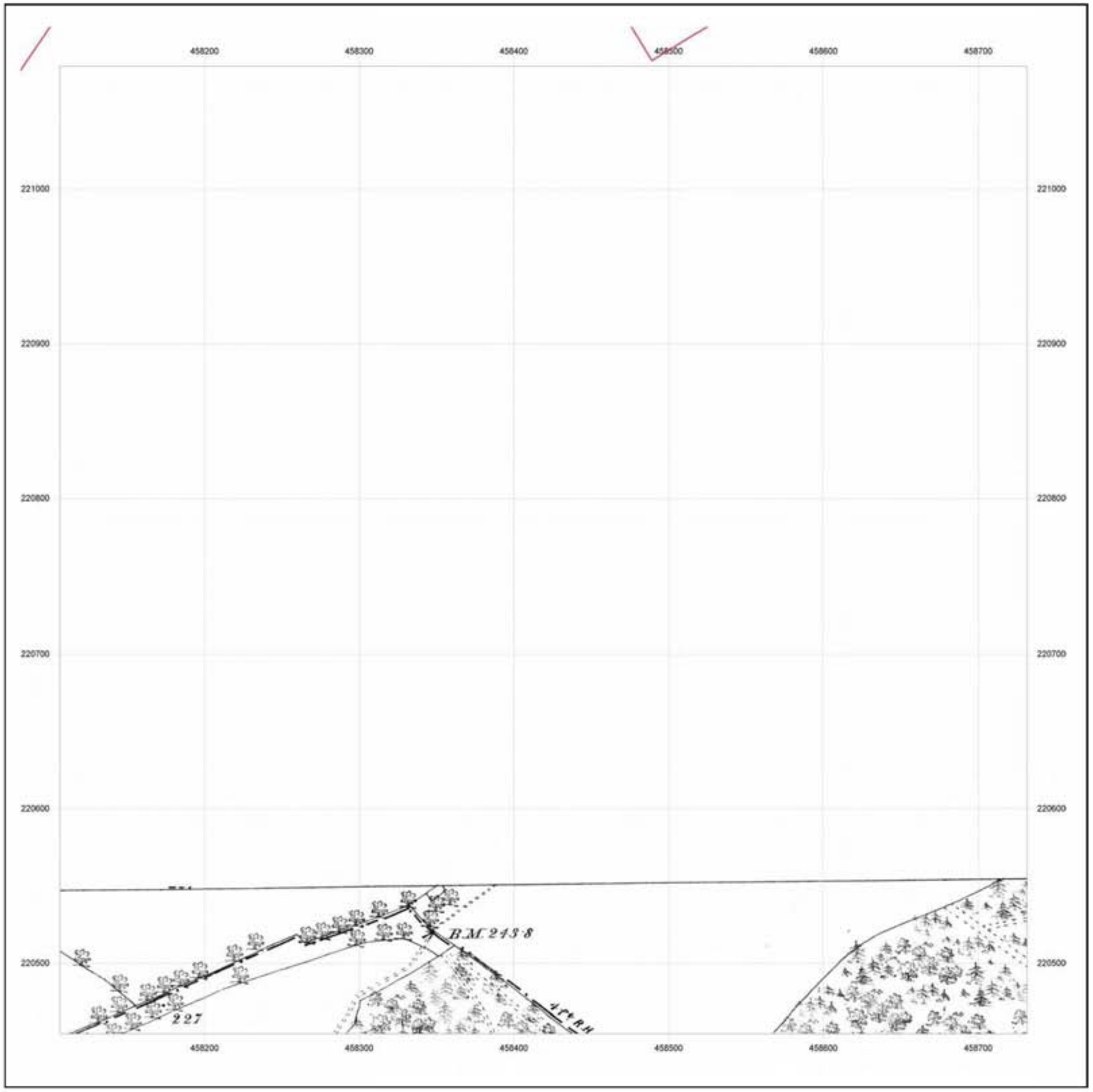
Production date:07 January 2010



emapsite™

Site Details:

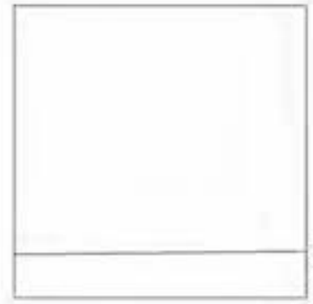
Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B2-MM
Grid Ref: 458419, 220767

Map Name: County Series

Map date: **1875**

Scale: 1:2,500

Printed at: 1:2,500



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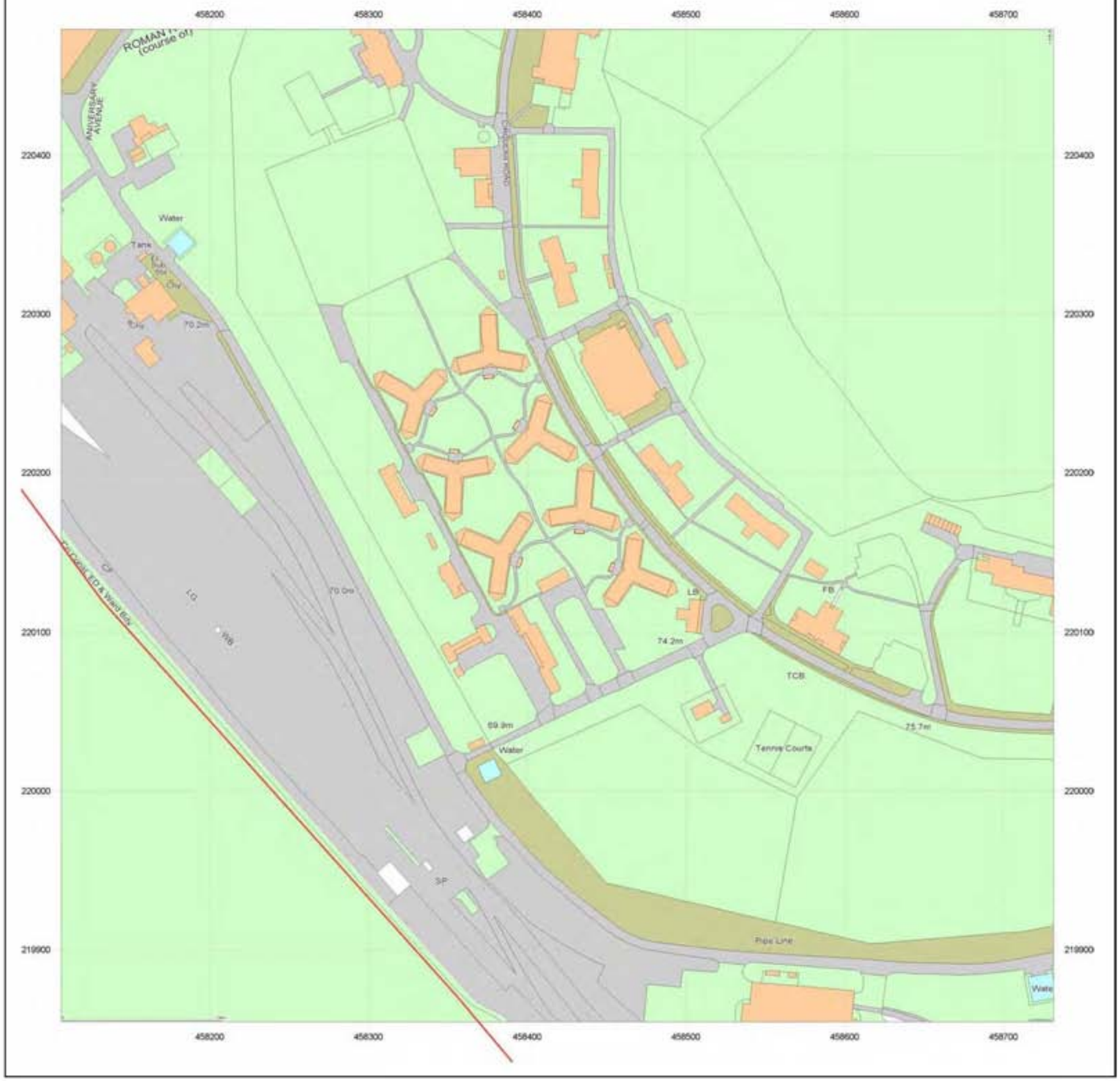
Production date:07 January 2010



emapsite™

Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B3-MM
Grid Ref: 458419, 220167

Map Name: MasterMap

Map date: **2009**

Scale: 1:2,500

Printed at: 1:2,500

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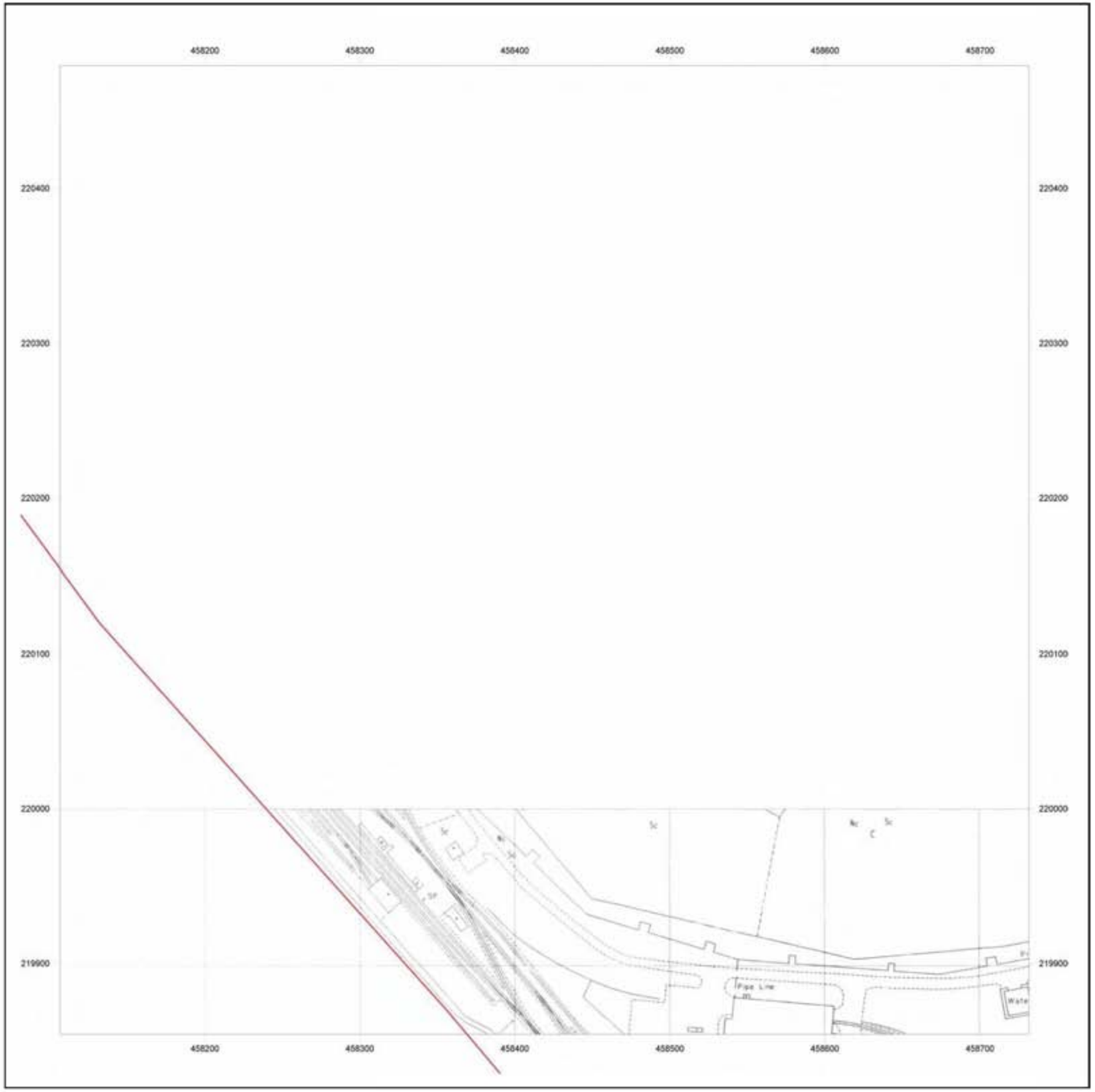
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B3-MM
Grid Ref: 458419, 220167

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1994
Revised 1994
Edition NA
Copyright NA
Levelled NA

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Production date:07 January 2010

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B3-MM
Grid Ref: 458419, 220167

Map Name: National Grid

Map date: **1986**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1971
Revised 1986
Edition NA
Copyright 1986
Levelled 1971

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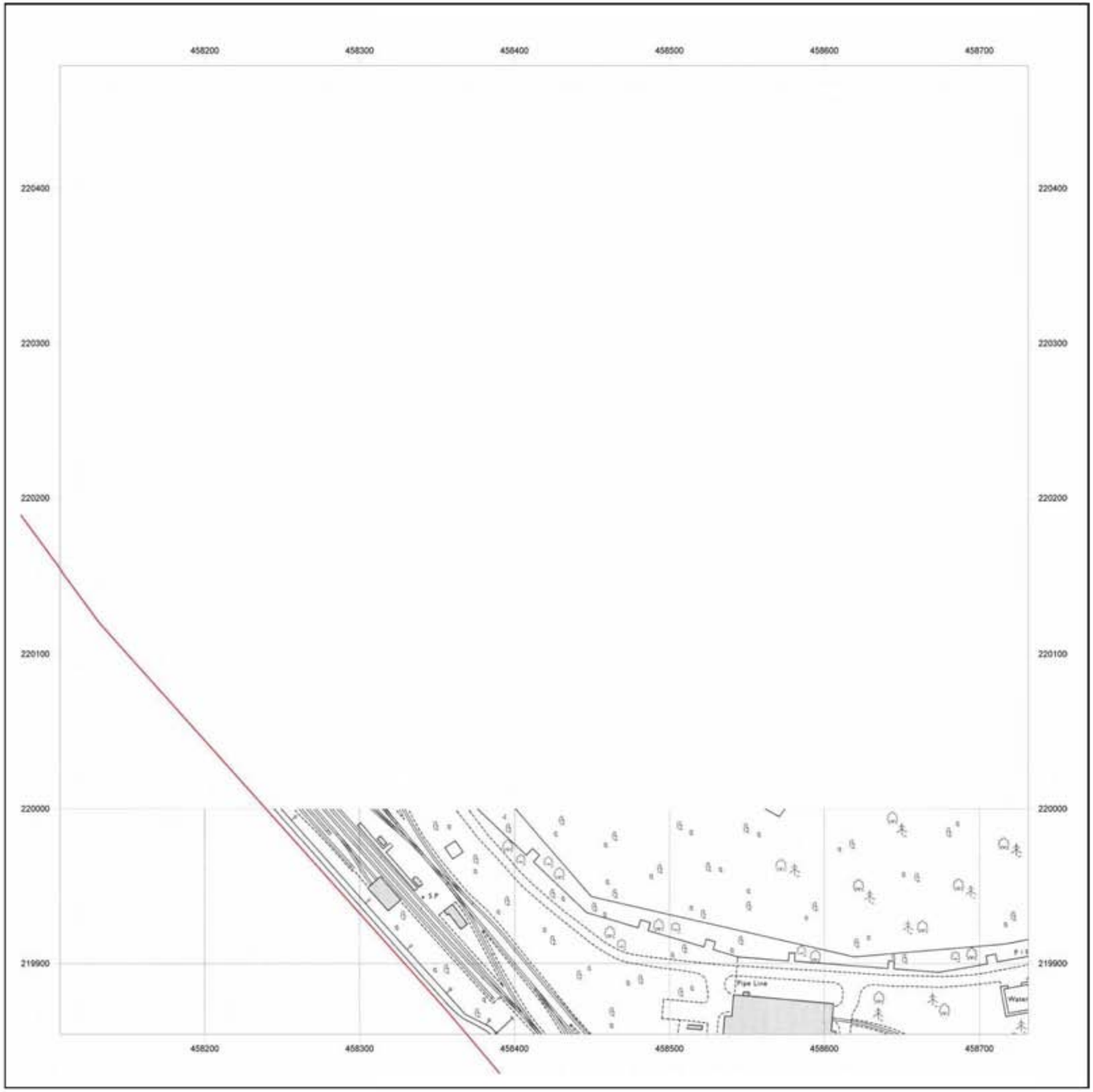
Production date:07 January 2010



emapsite™

Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B3-MM
Grid Ref: 458419, 220167

Map Name: National Grid

Map date: **1977**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1977
Revised 1977
Edition NA
Copyright 1978
Levelled 1971

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B3-MM
Grid Ref: 458419, 220167

Map Name: National Grid

Map date: **1966**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1966
Revised 1966
Edition NA
Copyright 1967
Levelled 1962

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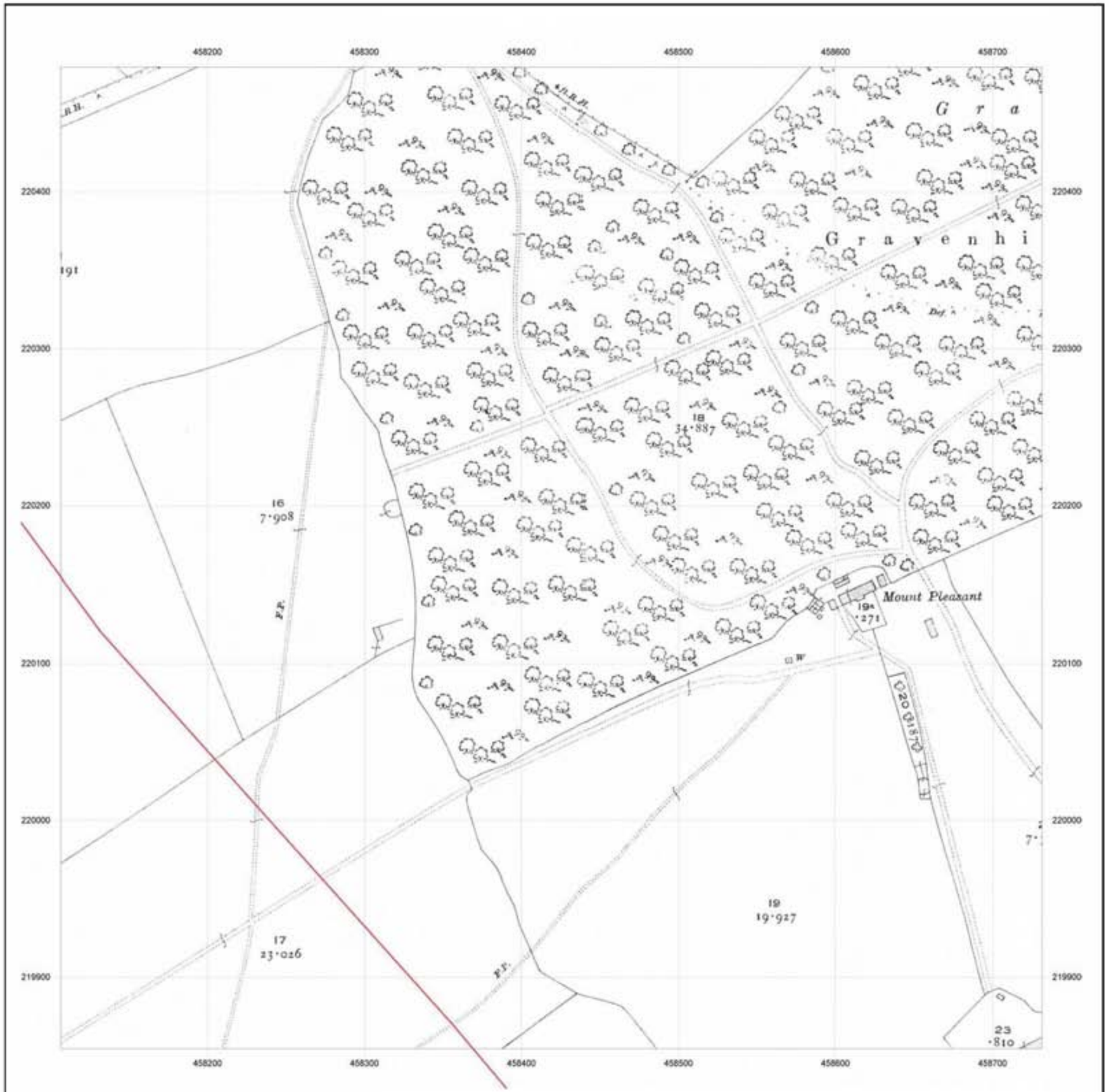

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B3-MM
Grid Ref: 458419, 220167

Map Name: County Series

Map date: 1922

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1922
Revised 1922
Edition NA
Copyright NA
Levelled NA

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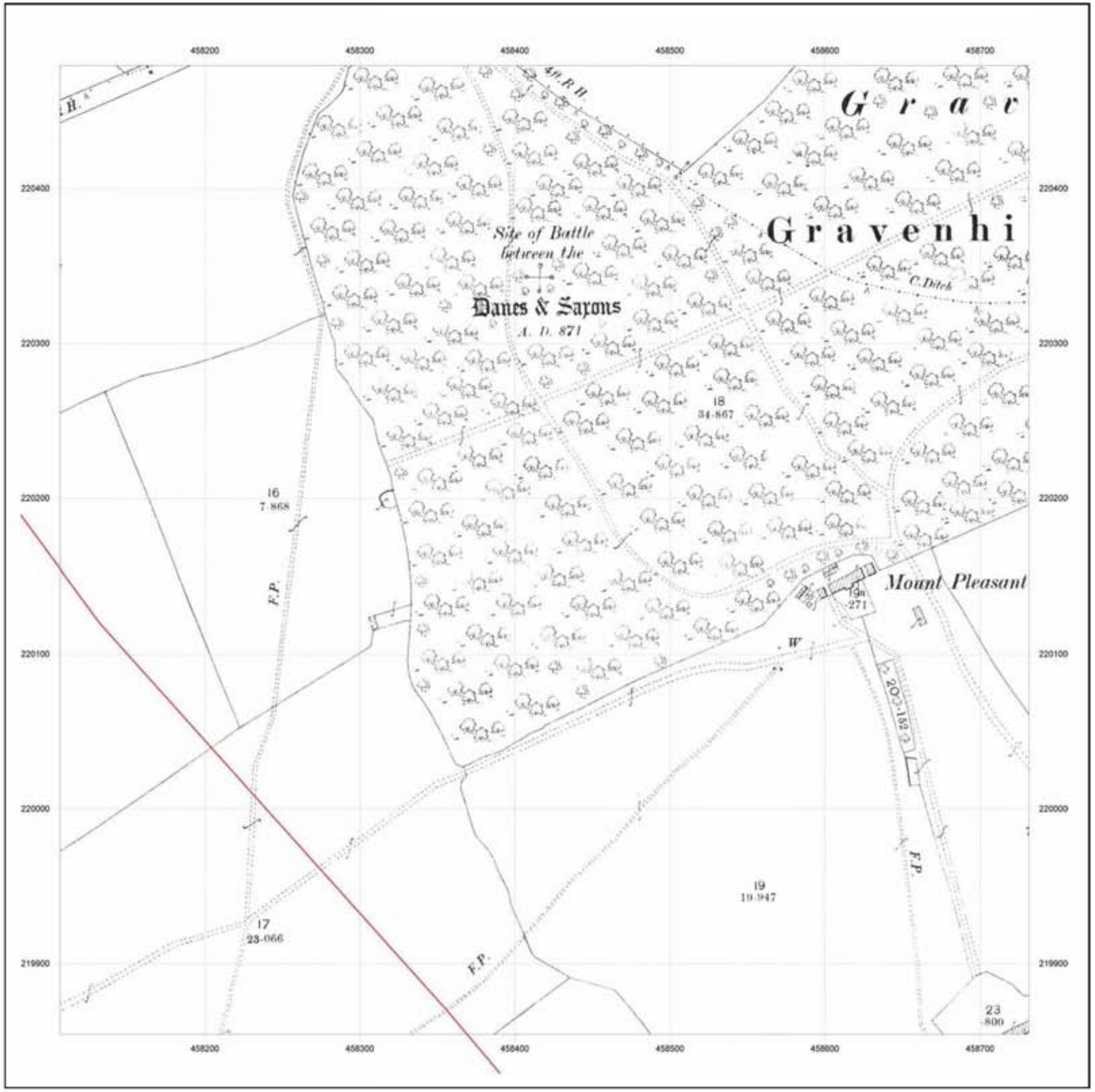

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B3-MM
Grid Ref: 458419, 220167

Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1900
Revised 1900
Edition NA
Copyright NA
Levelled NA

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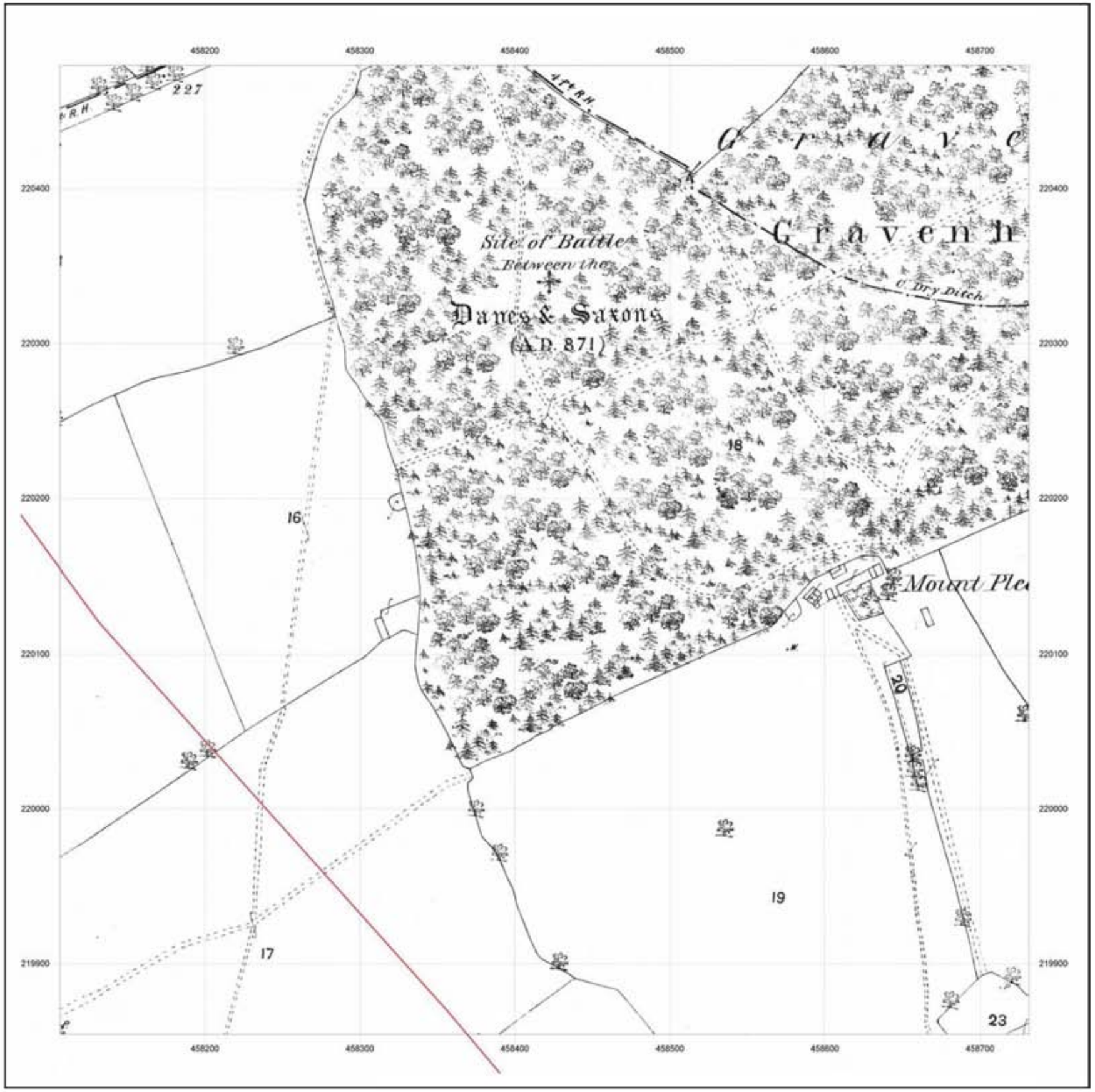
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B3-MM
Grid Ref: 458419, 220167

Map Name: County Series

Map date: 1875

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1875
Revised 1875
Edition NA
Copyright NA
Levelled NA

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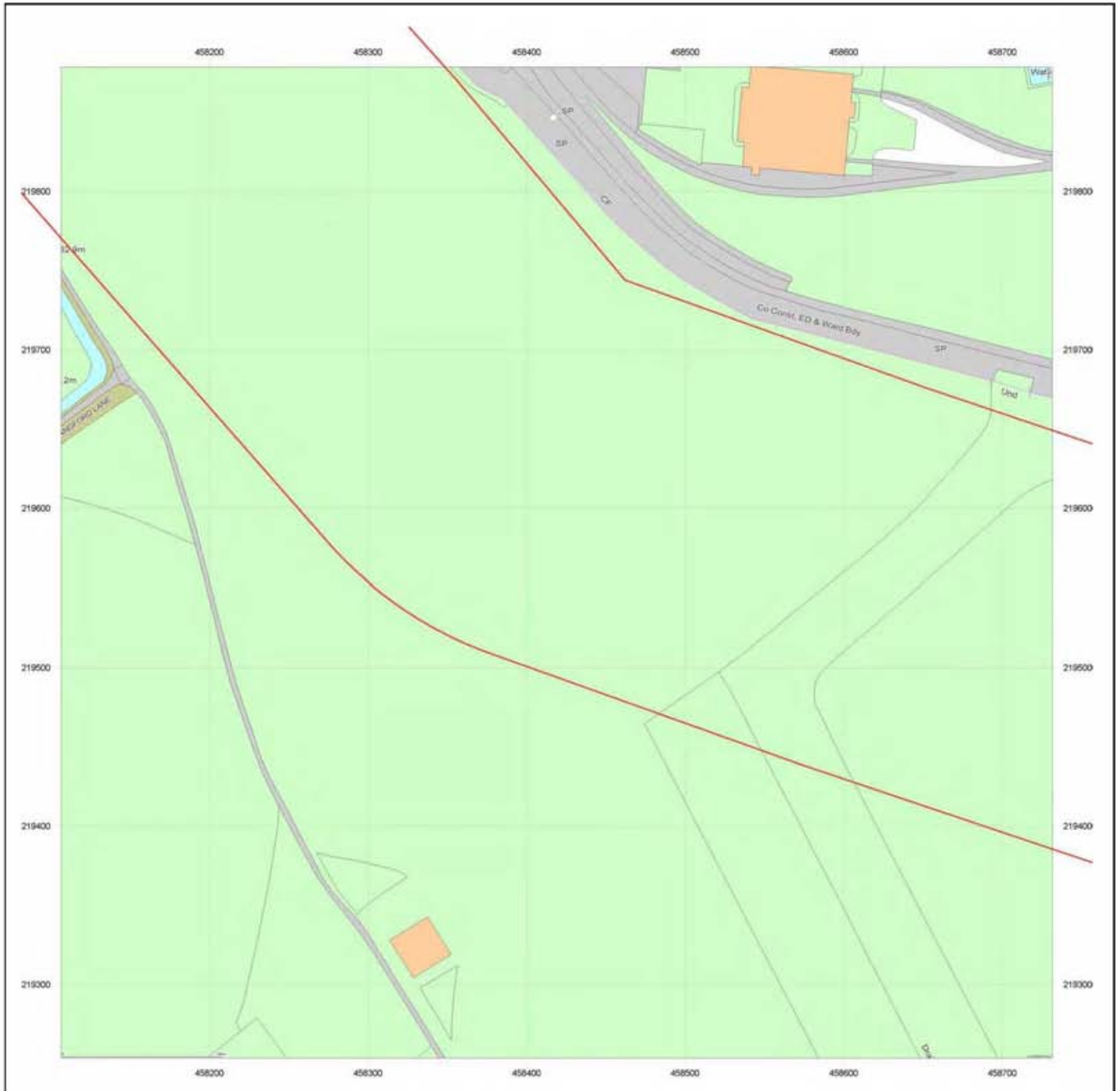

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B4-MM
Grid Ref: 458419, 219566

Map Name: MasterMap

Map date: 2009

Scale: 1:2,500

Printed at: 1:2,500

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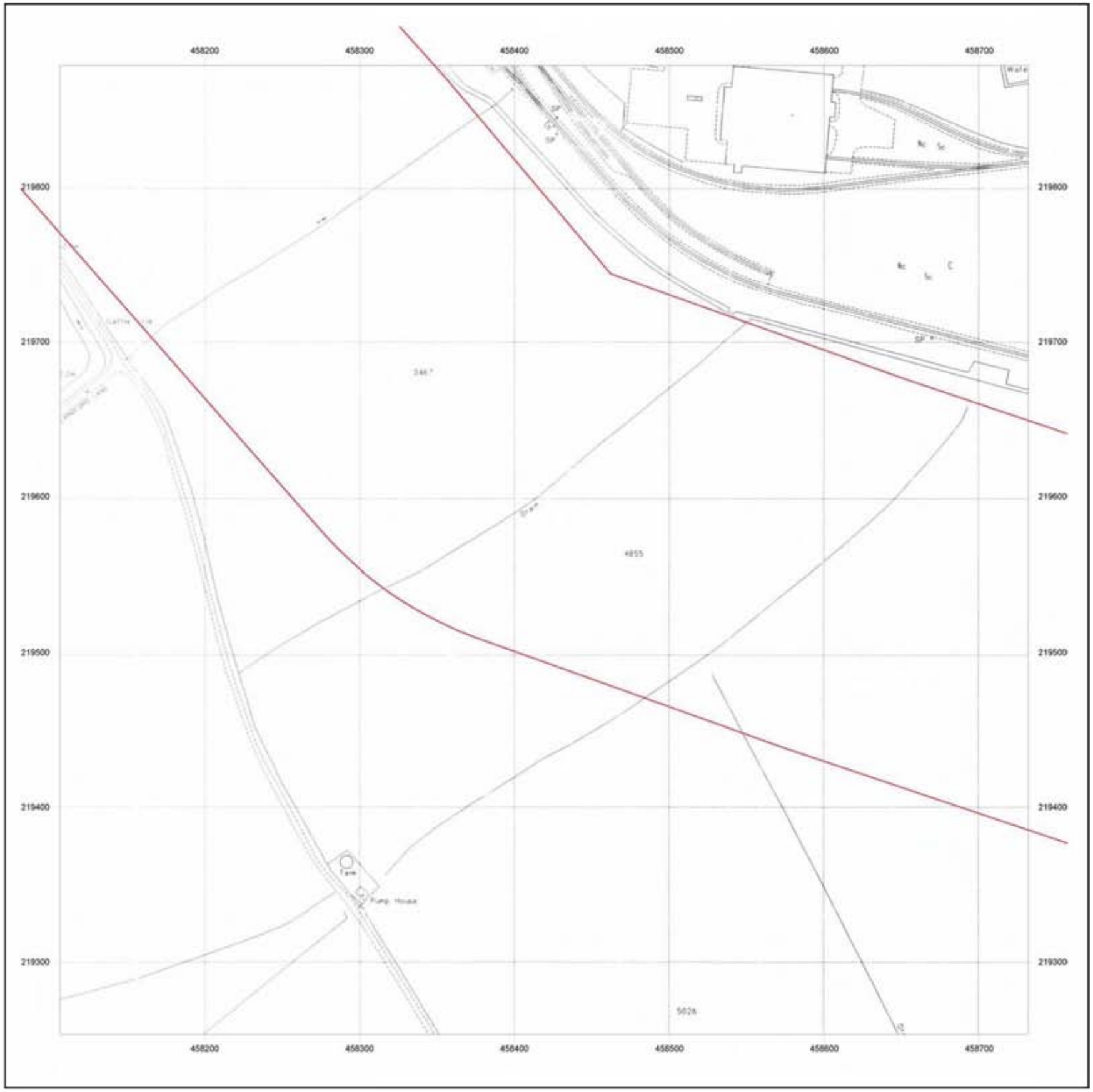
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B4-MM
Grid Ref: 458419, 219566

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1994
Revised 1994
Edition NA
Copyright NA
Levelled NA

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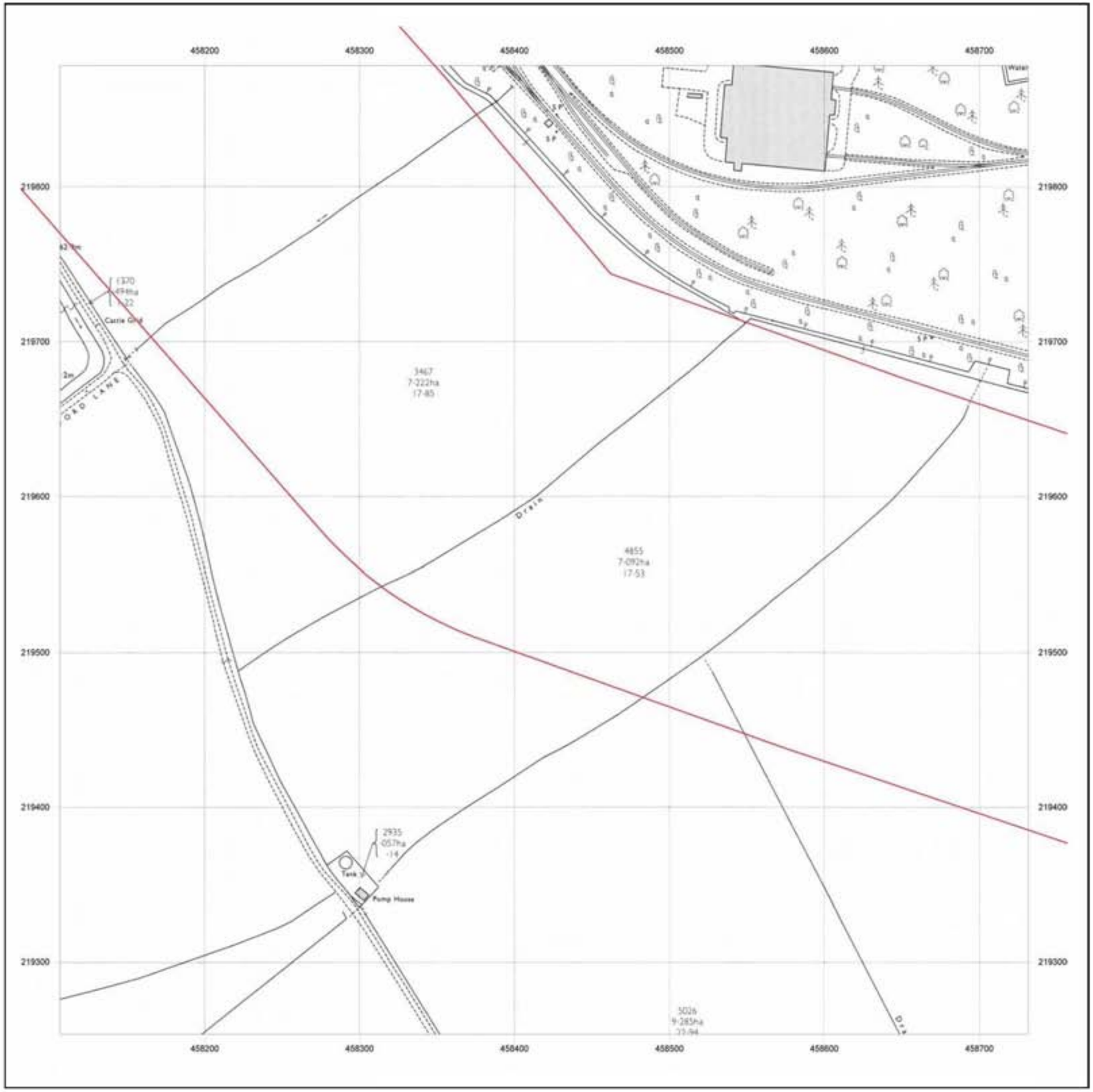
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B4-MM
Grid Ref: 458419, 219566

Map Name: National Grid

Map date: **1977**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1977
Revised 1977
Edition NA
Copyright 1978
Levelled 1971

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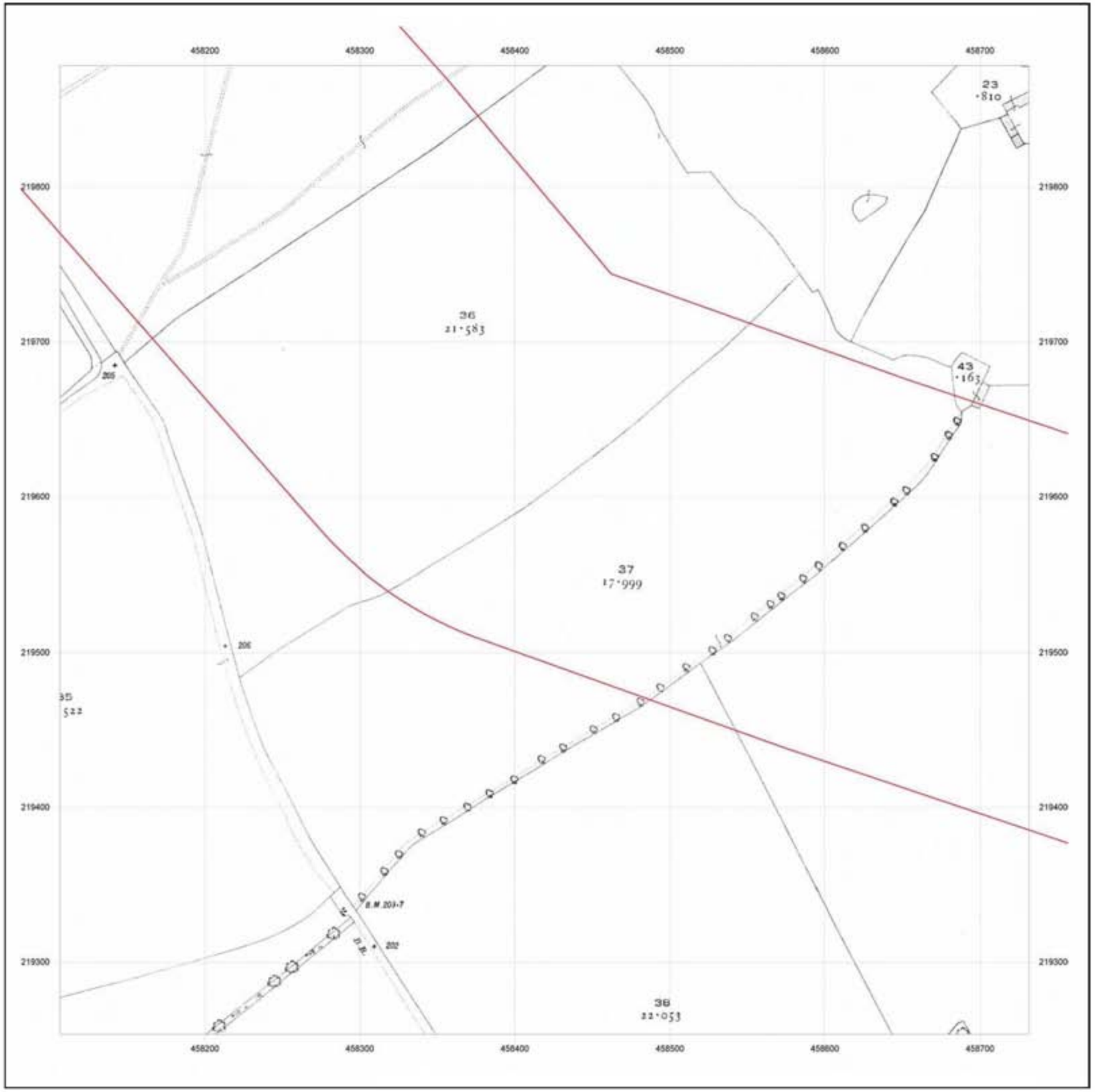

emapsite™

Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B4-MM
Grid Ref: 458419, 219566

Map Name: County Series

Map date: **1922**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1922
Revised 1922
Edition NA
Copyright NA
Levelled NA

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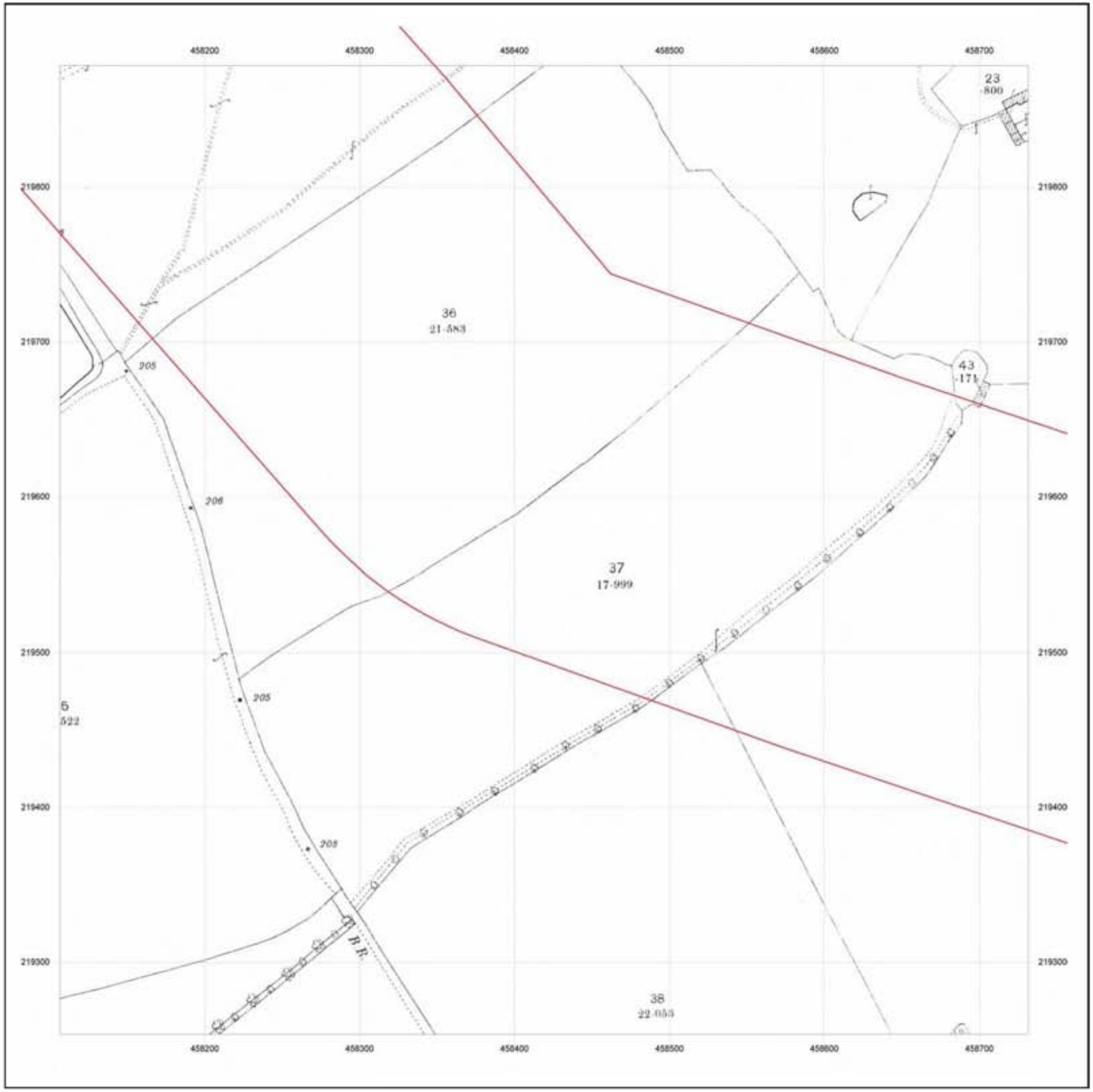
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B4-MM
Grid Ref: 458419, 219566

Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1900
Revised 1900
Edition NA
Copyright NA
Levelled NA

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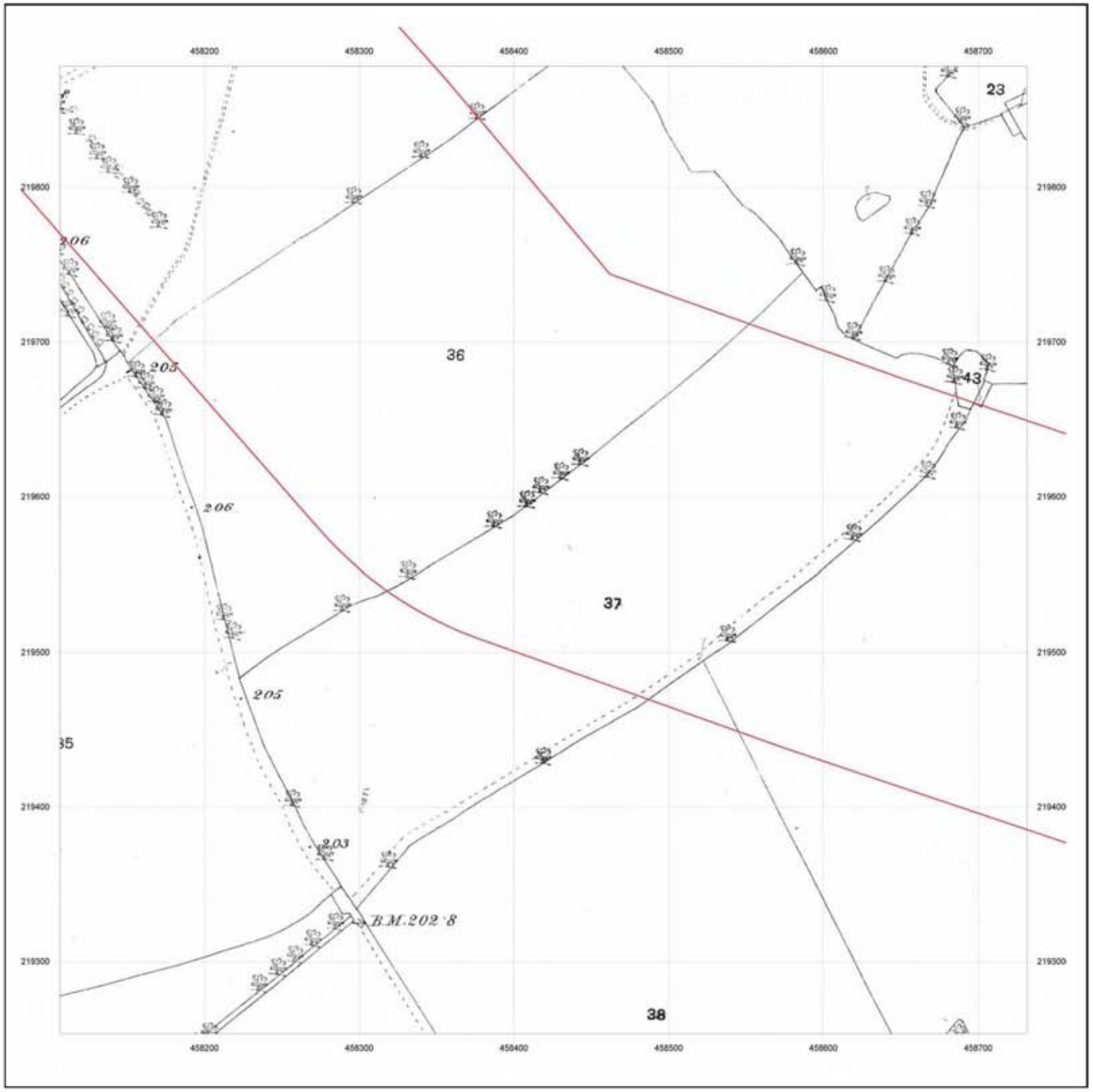

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_B4-MM
Grid Ref: 458419, 219566

Map Name: County Series

Map date: **1875**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1875
Revised 1875
Edition NA
Copyright NA
Levelled NA

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C1-MM
Grid Ref: 459018, 221368

Map Name: MasterMap

Map date: **2009**

Scale: 1:2,500

Printed at: 1:2,500

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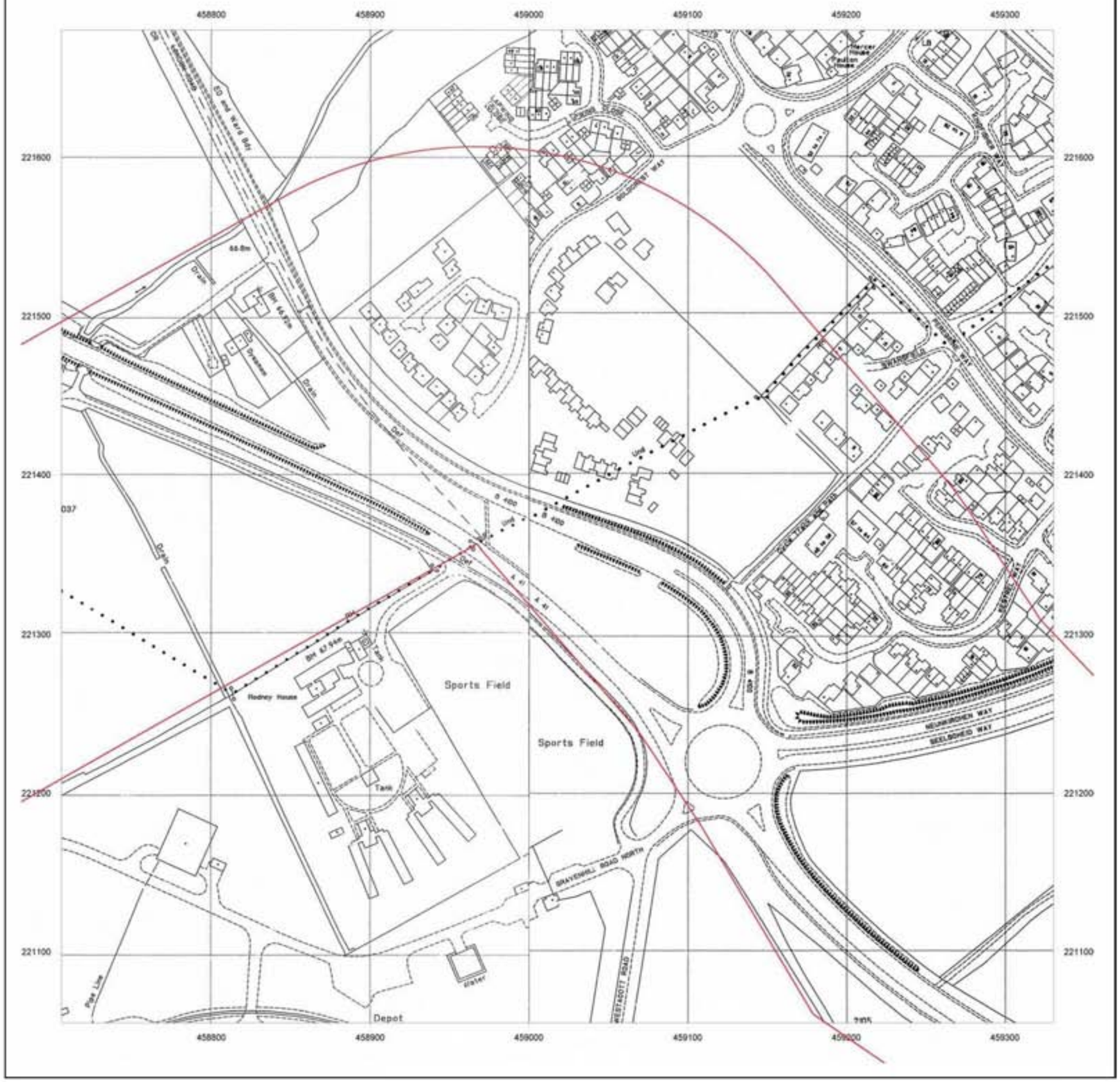

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C1-MM
Grid Ref: 459018, 221368

Map Name: National Grid

Map date: 1995

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1995
Revised ?
Edition NA
Copyright NA
Levelled NA

Surveyed ?
Revised ?
Edition NA
Copyright NA
Levelled NA

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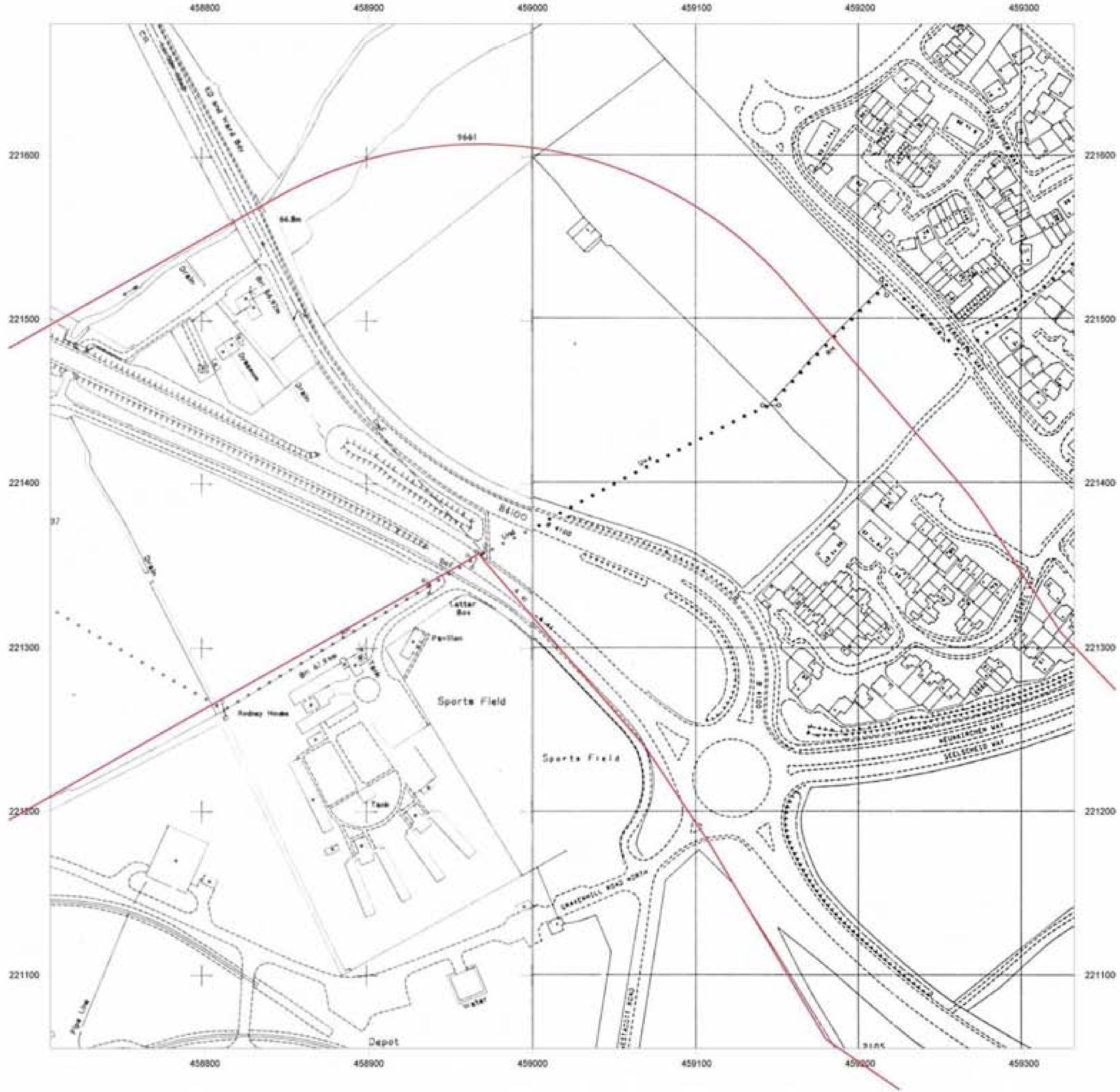
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C1-MM
Grid Ref: 459018, 221368

Map Name: National Grid

Map date: **1992**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1992
Revised 1992
Edition NA
Copyright 1992
Levelled NA

Surveyed 1992
Revised 1992
Edition NA
Copyright 1992
Levelled NA

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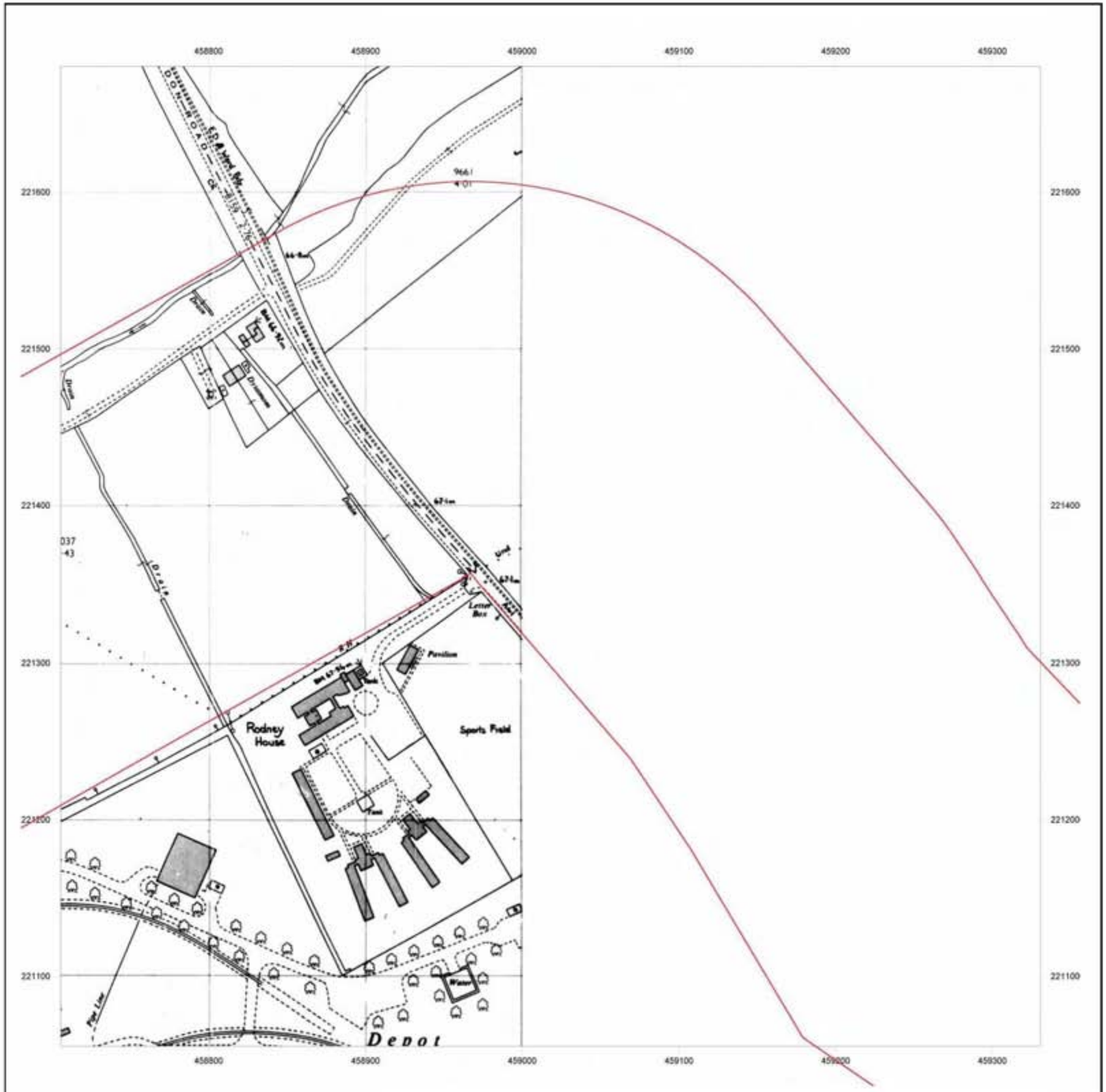
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C1-MM
Grid Ref: 459018, 221368

Map Name: National Grid

Map date: **1986**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1968
Revised 1986
Edition NA
Copyright 1986
Levelled 1968

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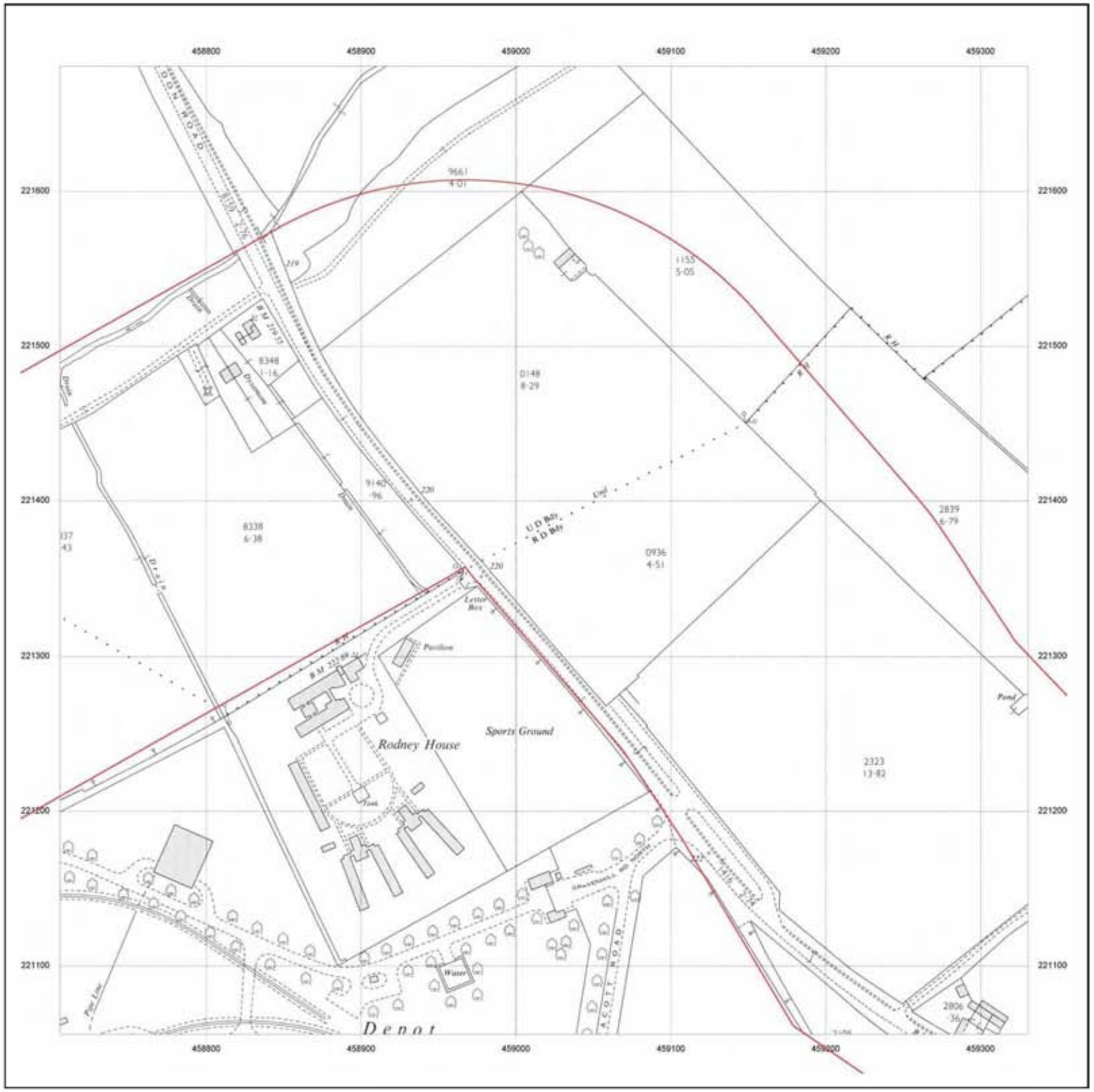
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C1-MM
Grid Ref: 459018, 221368

Map Name: National Grid

Map date: **1966**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1966
Revised 1966
Edition NA
Copyright 1968
Levelled 1962

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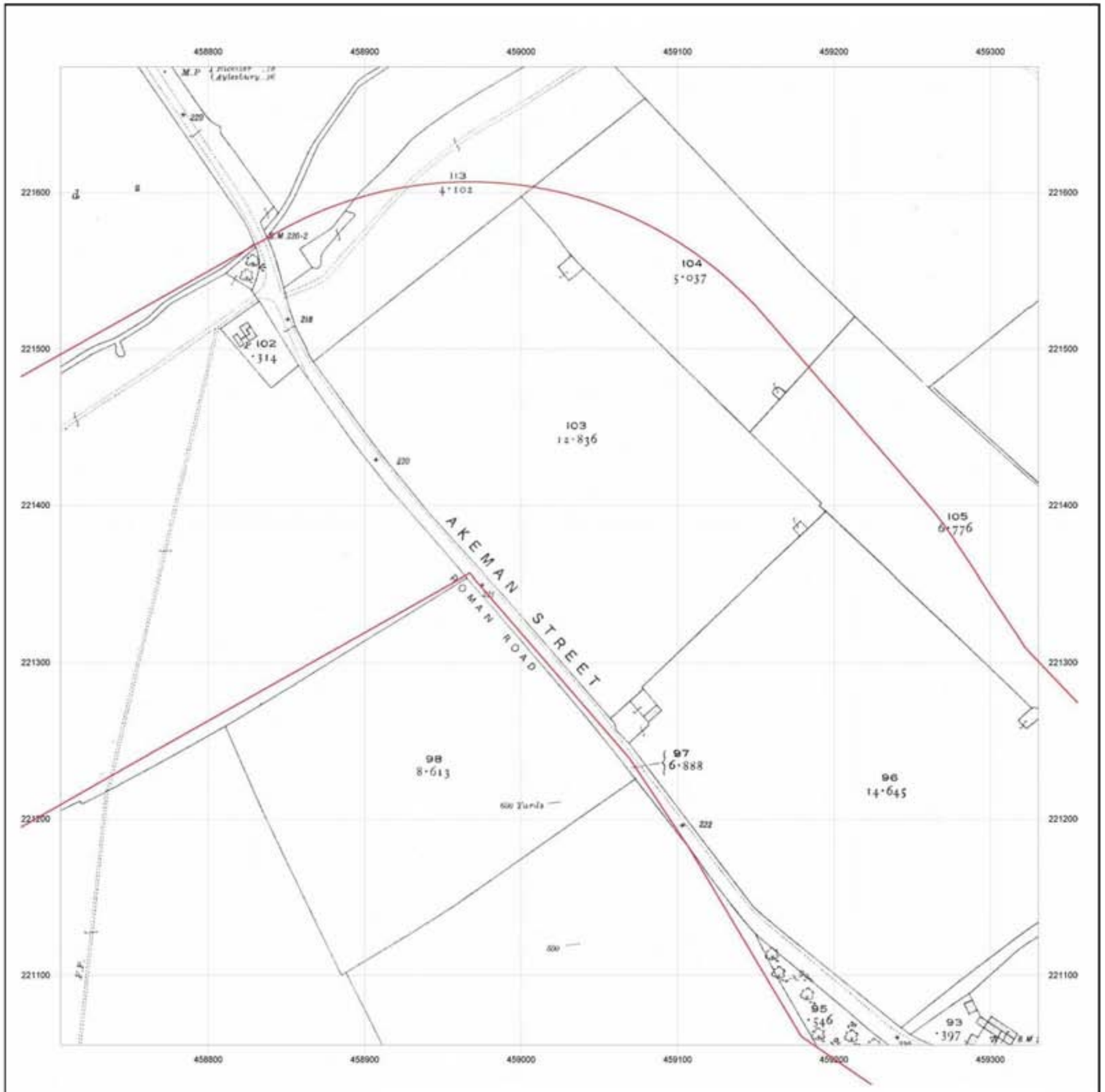

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C1-MM
Grid Ref: 459018, 221368

Map Name: County Series

Map date: **1922**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1922
Revised 1922
Edition NA
Copyright NA
Levelled NA

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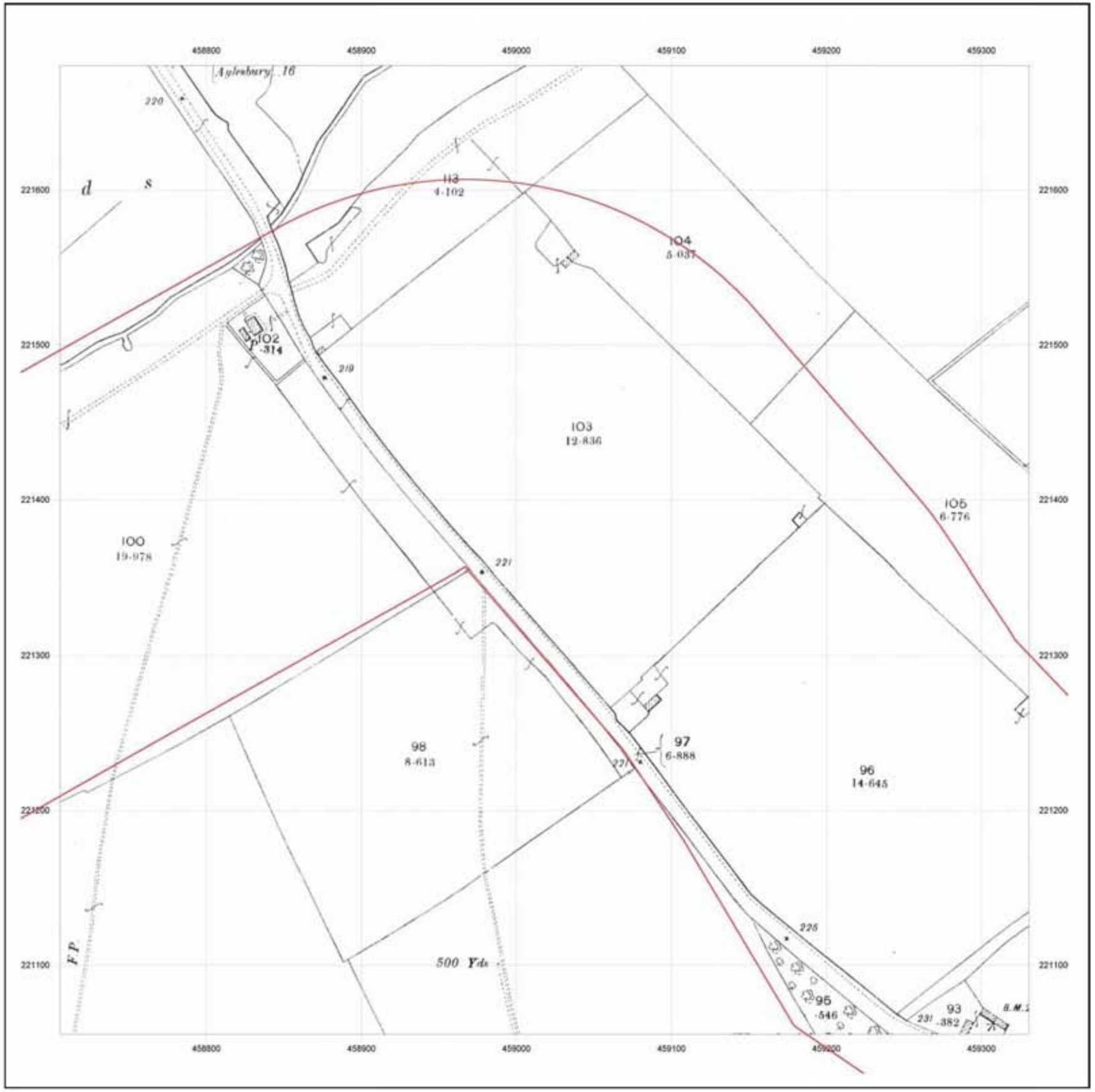

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C1-MM
Grid Ref: 459018, 221368

Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1900
Revised 1900
Edition NA
Copyright NA
Levelled NA

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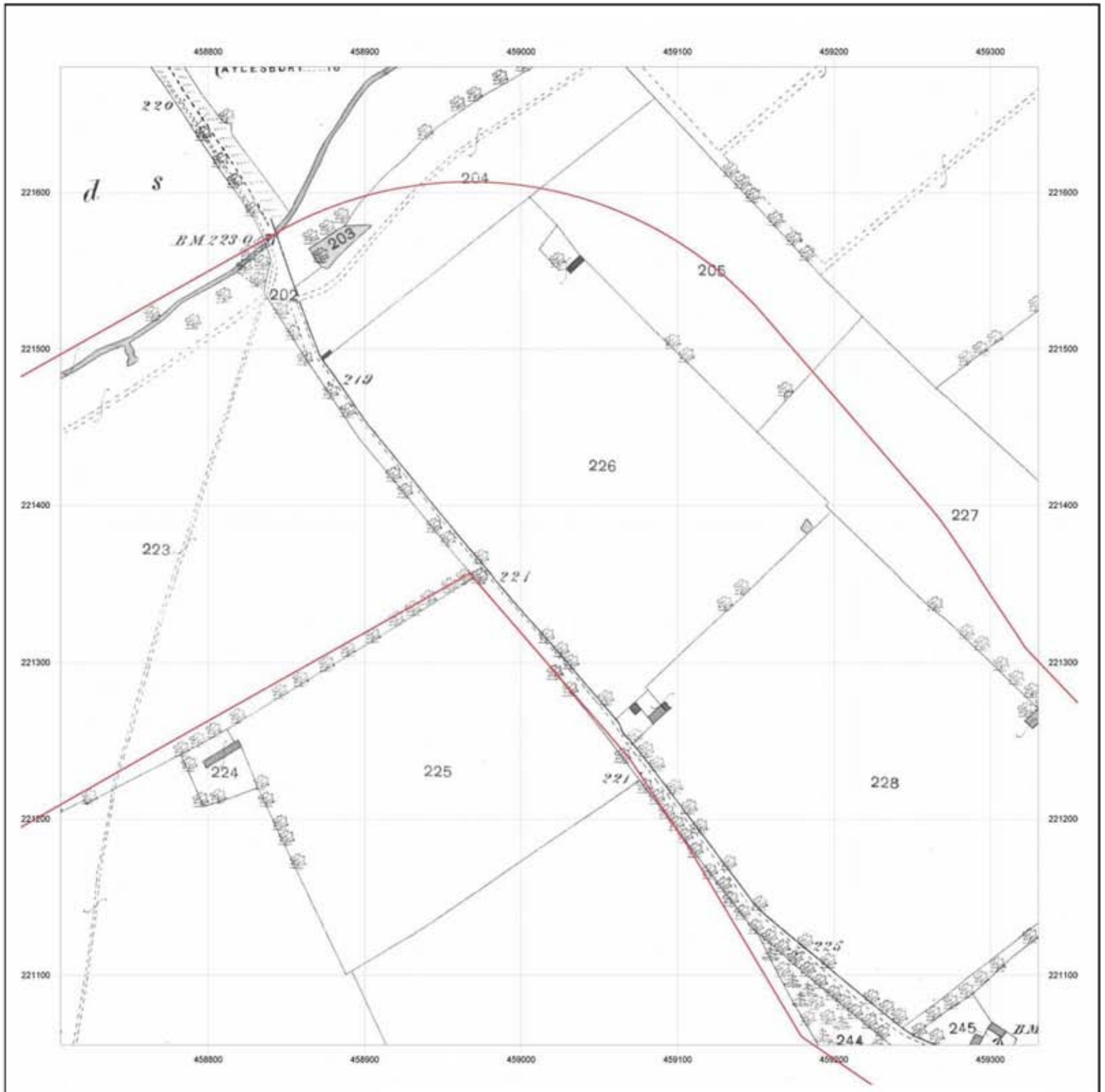
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C1-MM
Grid Ref: 459018, 221368

Map Name: County Series

Map date: **1881**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1881
Revised 1881
Edition NA
Copyright NA
Levelled NA

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C2-MM
Grid Ref: 459018, 220767

Map Name: MasterMap

Map date: **2009**

Scale: 1:2,500

Printed at: 1:2,500

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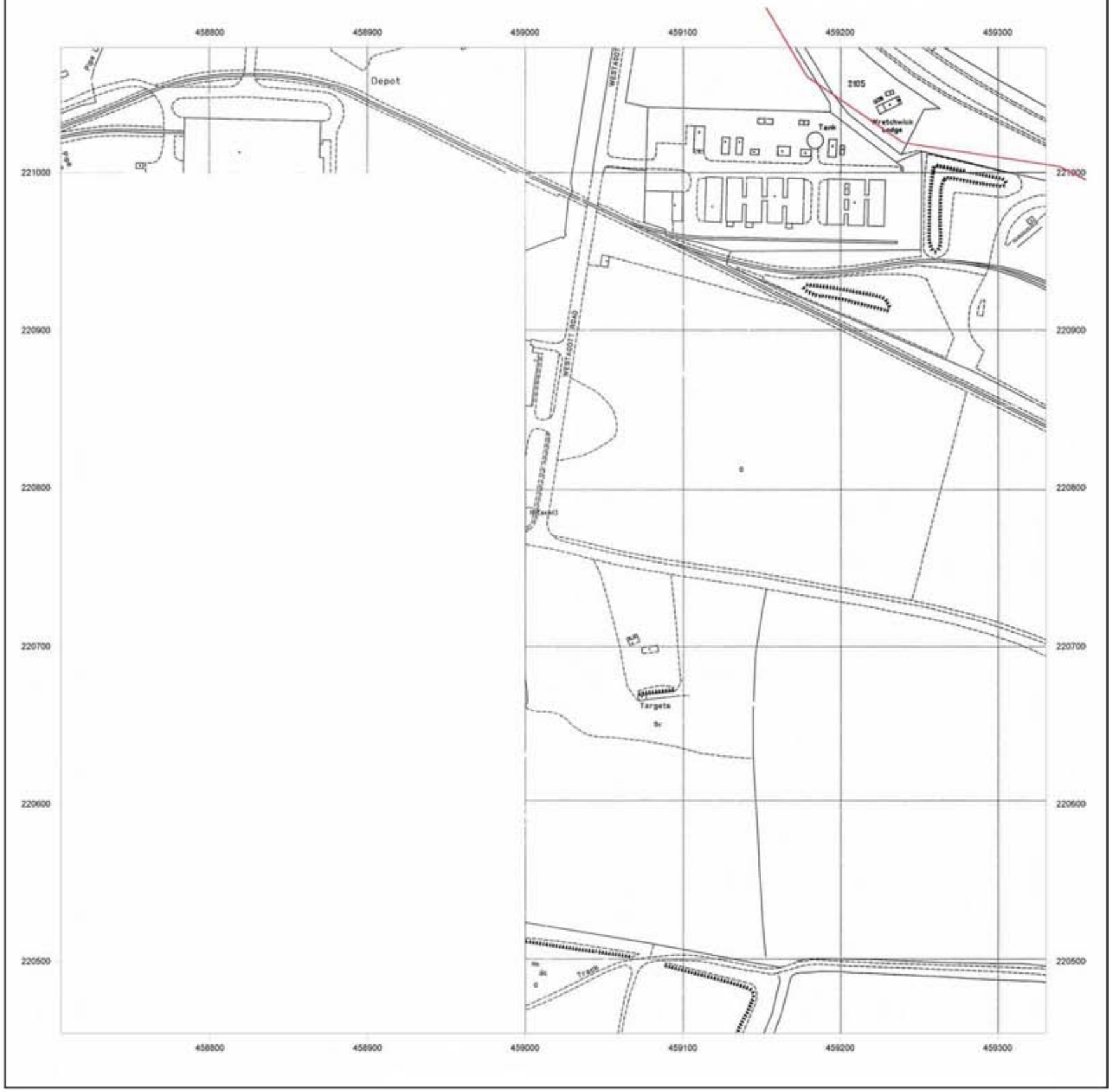

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C2-MM
Grid Ref: 459018, 220767

Map Name: National Grid

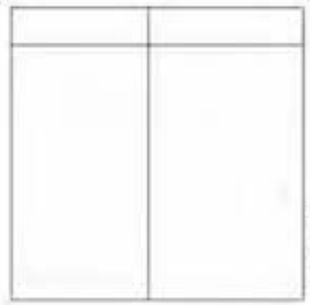
Map date: 1995

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1995
Revised ?
Edition NA
Copyright NA
Levelled NA

Surveyed ?
Revised ?
Edition NA
Copyright NA
Levelled NA



Surveyed 1995
Revised 1995
Edition NA
Copyright 1995
Levelled NA

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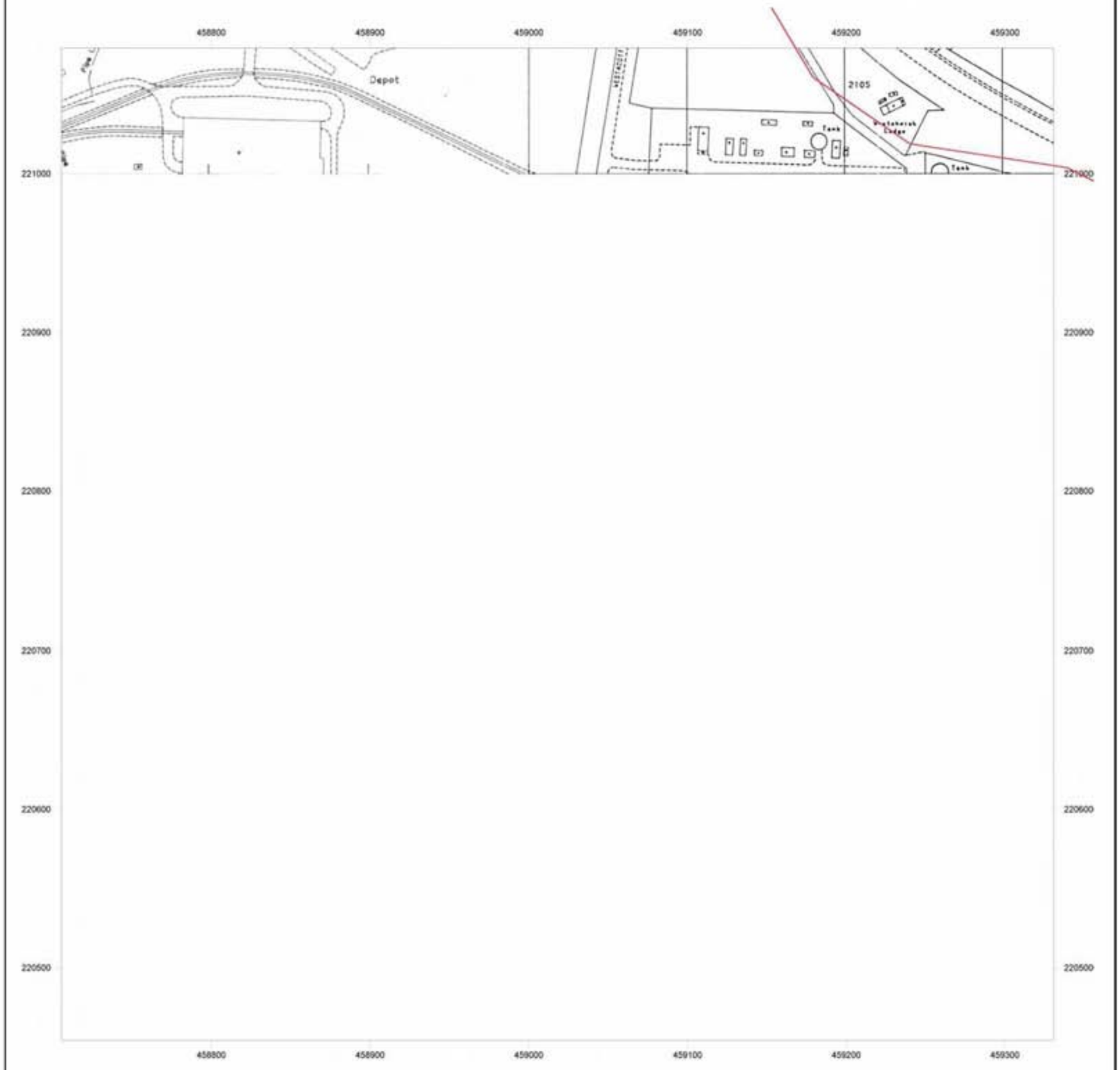
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C2-MM
Grid Ref: 459018, 220767

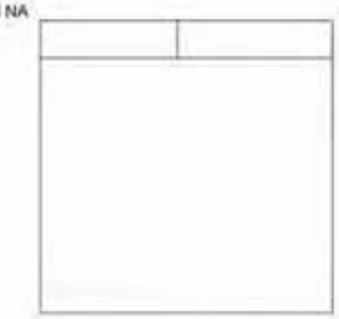
Map Name: National Grid

Map date: 1992

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1992
Revised 1992
Edition NA
Copyright 1992
Levelled NA



Surveyed 1992
Revised 1992
Edition NA
Copyright 1992
Levelled NA

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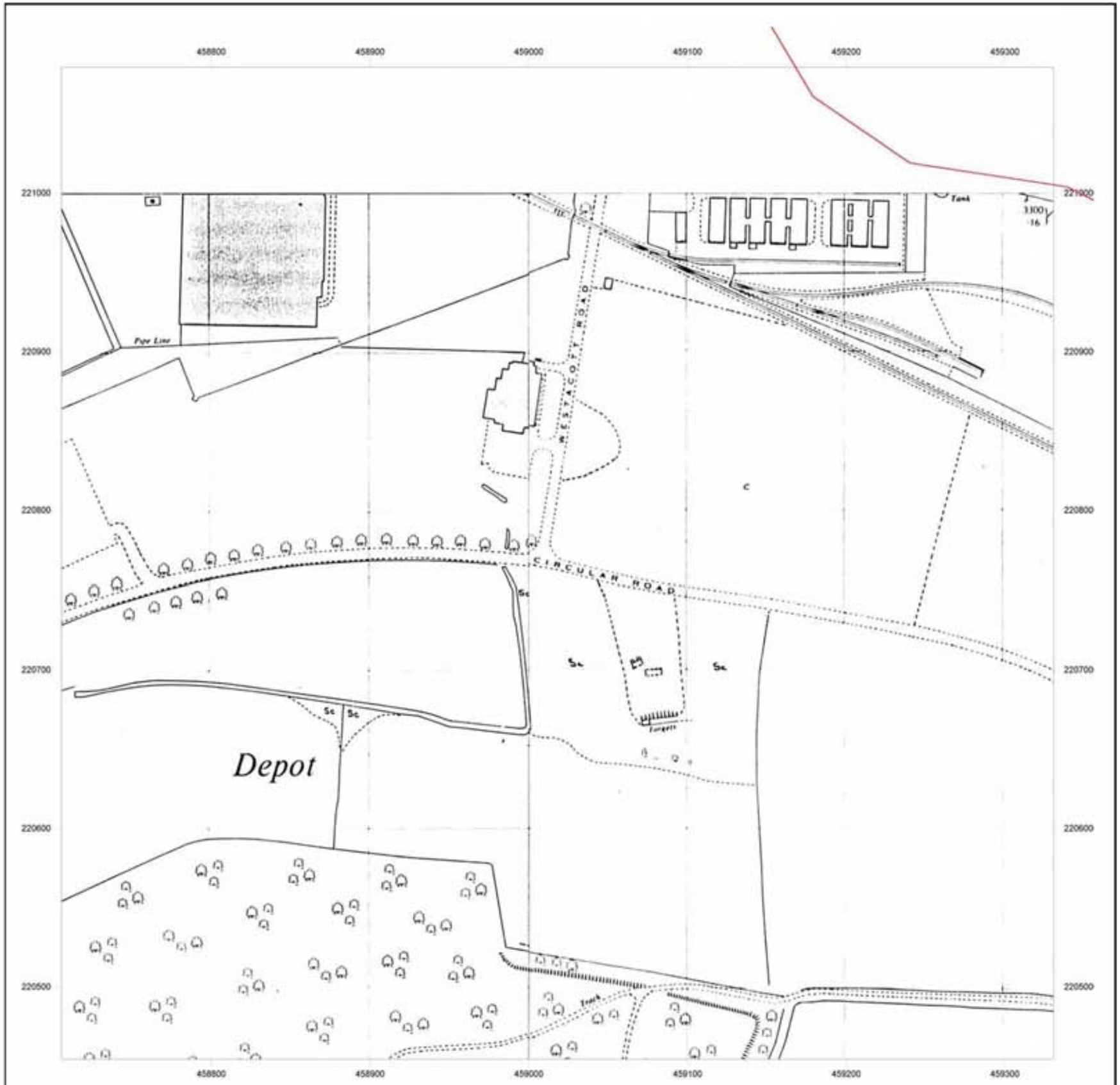
Production date:07 January 2010



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Site Details:

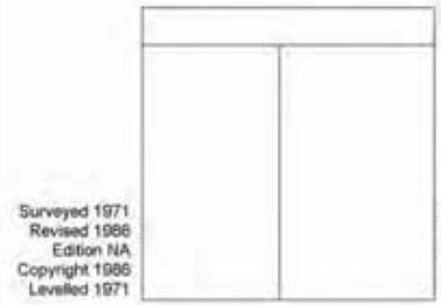
Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C2-MM
Grid Ref: 459018, 220767

Map Name: National Grid

Map date: **1986**

Scale: 1:2,500

Printed at: 1:2,500



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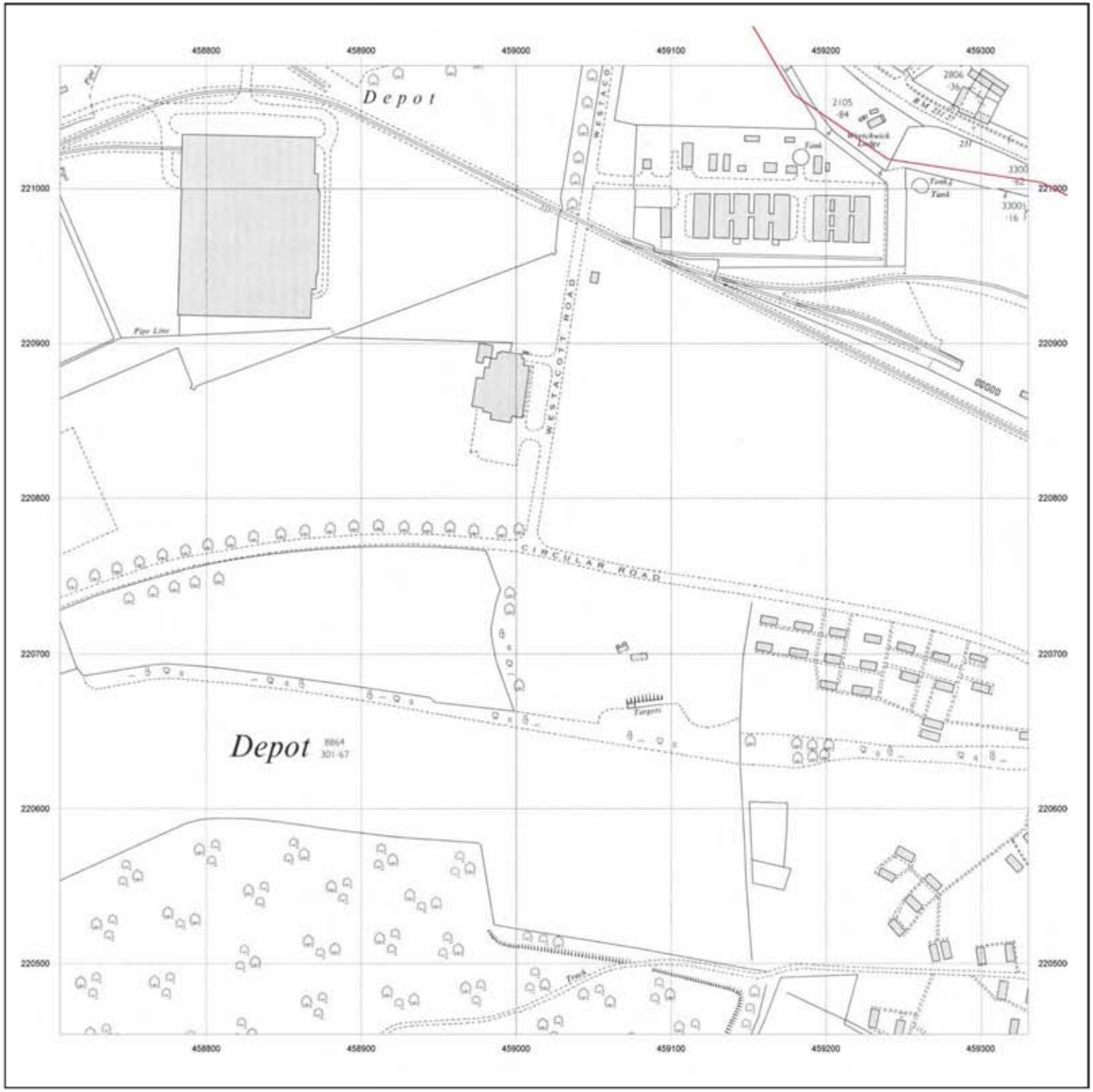

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C2-MM
Grid Ref: 459018, 220767

Map Name: National Grid

Map date: **1966**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1966
Revised 1966
Edition NA
Copyright 1968
Levelled 1962

Surveyed 1966
Revised 1966
Edition NA
Copyright 1967
Levelled 1962

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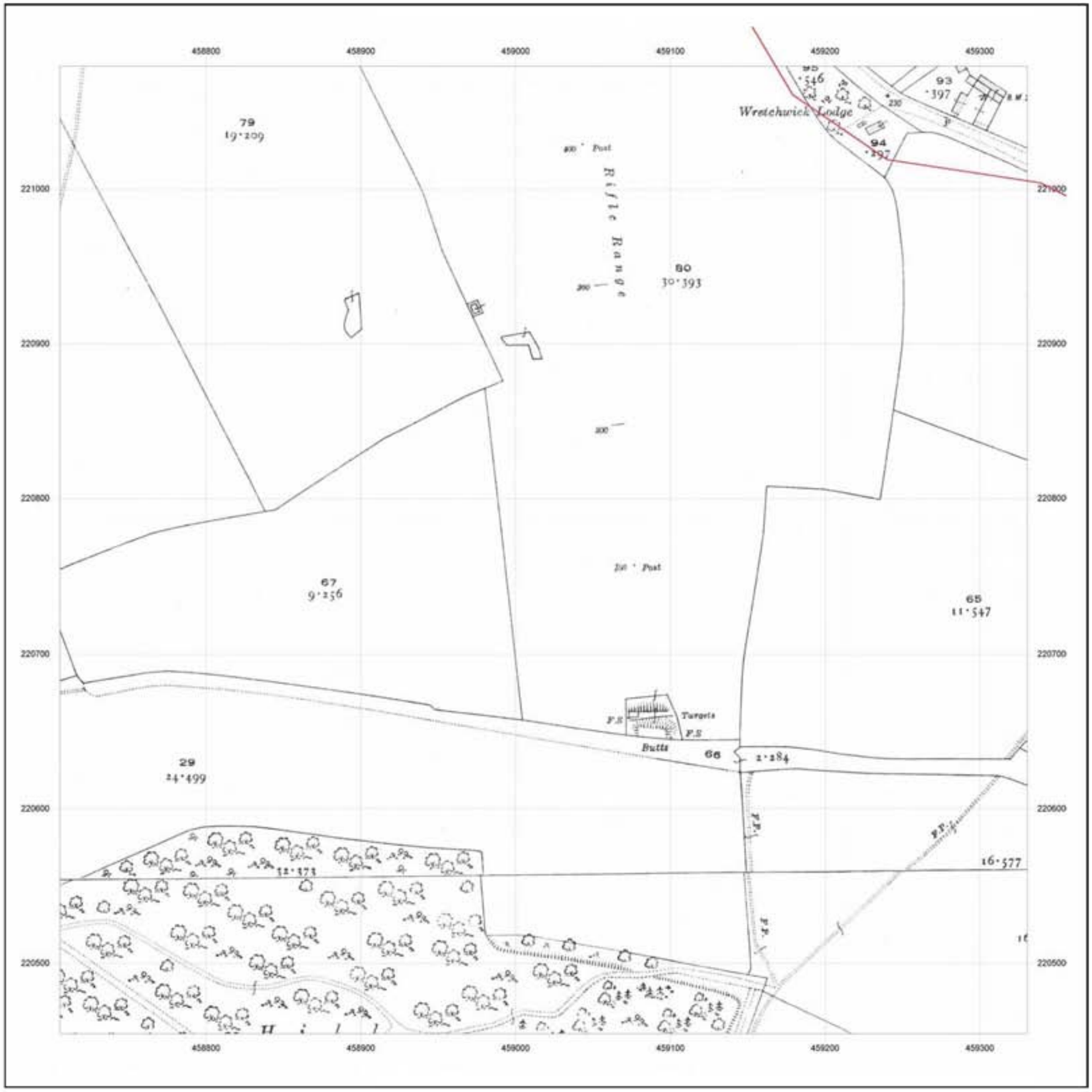

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C2-MM
Grid Ref: 459018, 220767

Map Name: County Series

Map date: 1922

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1922
Revised 1922
Edition NA
Copyright NA
Levelled NA

Surveyed 1922
Revised 1922
Edition NA
Copyright NA
Levelled NA

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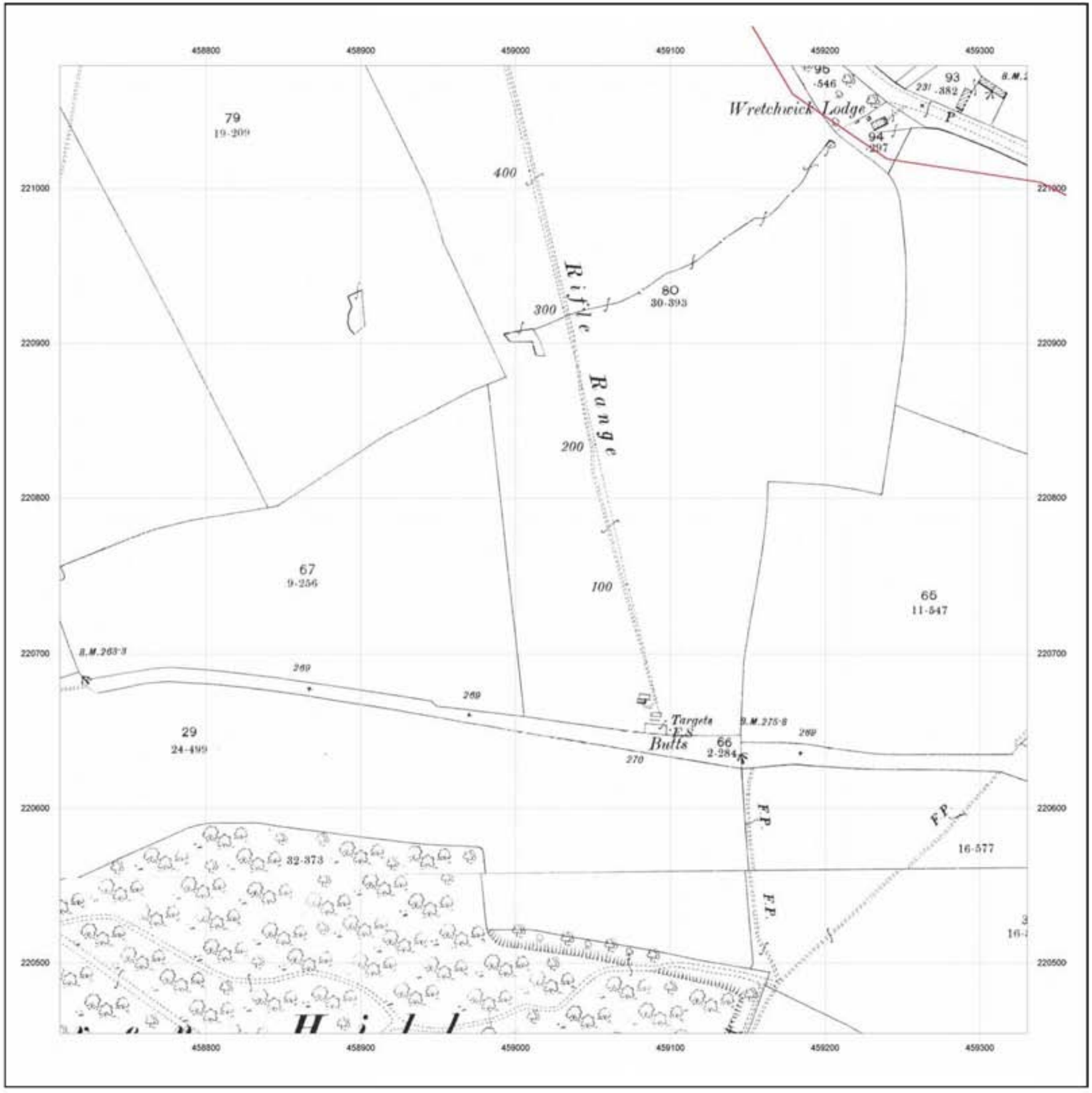
Production date:07 January 2010



emapsite™

Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C2-MM
Grid Ref: 459018, 220767

Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

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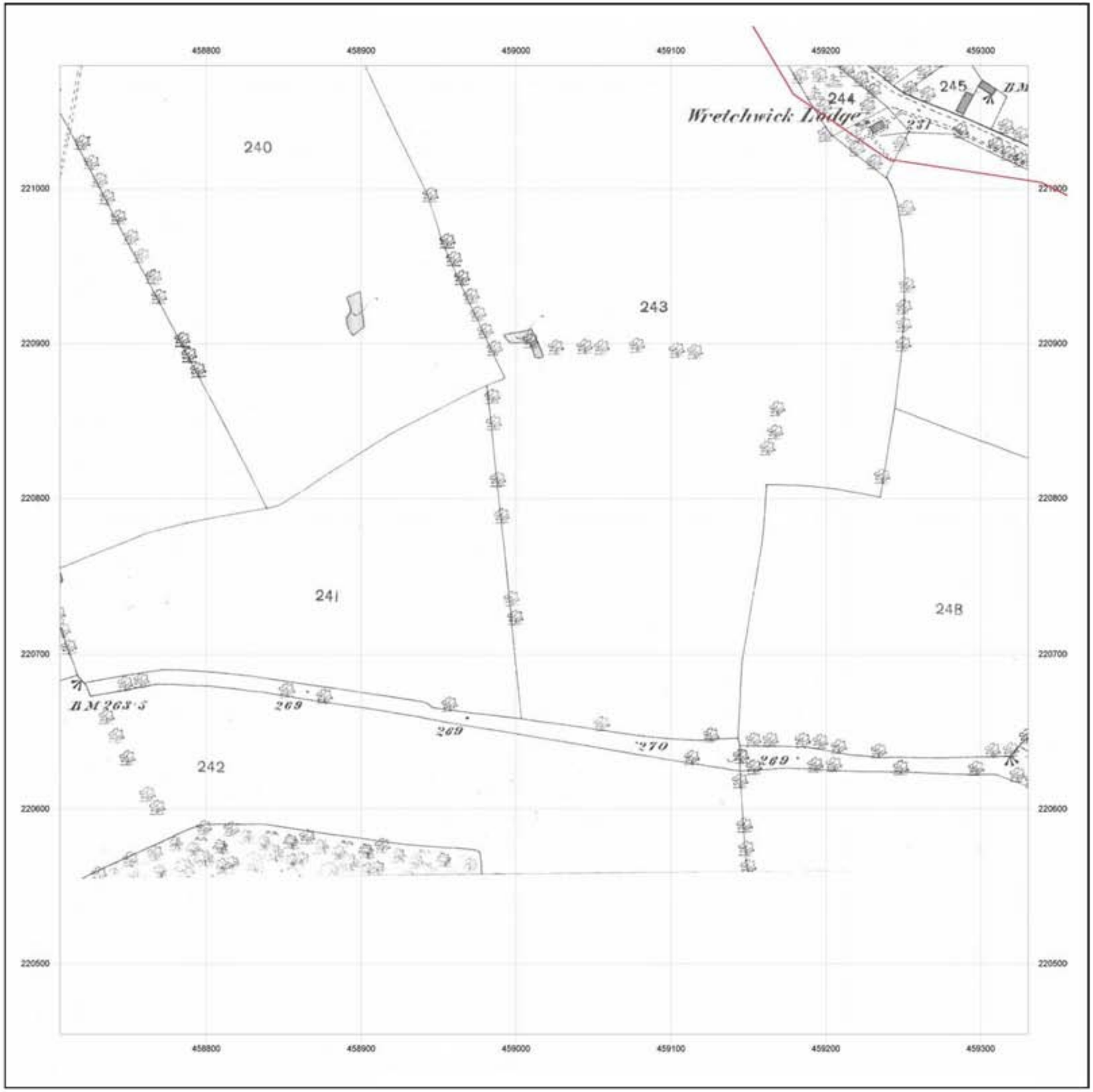

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C2-MM
Grid Ref: 459018, 220767

Map Name: County Series

Map date: **1881**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1881
Revised 1881
Edition NA
Copyright NA
Levelled NA

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Production date:07 January 2010

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C3-MM
Grid Ref: 459018, 220167

Map Name: MasterMap

Map date: **2009**

Scale: 1:2,500

Printed at: 1:2,500

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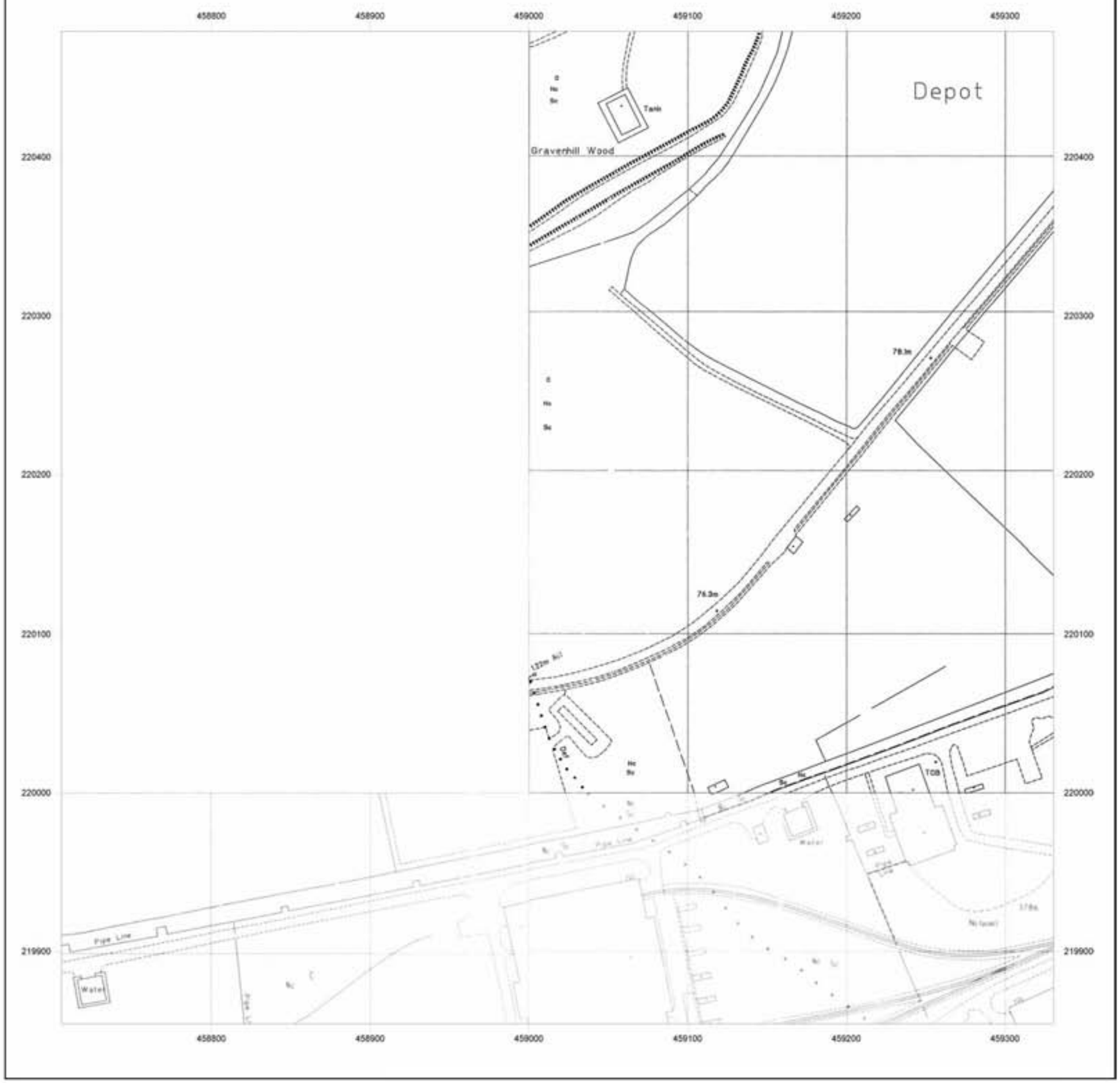

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C3-MM
Grid Ref: 459018, 220167

Map Name: National Grid

Map date: **1994-1995**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1995
Revised 1995
Edition NA
Copyright 1995
Levelled NA

Surveyed 1994
Revised 1994
Edition NA
Copyright NA
Levelled NA

Surveyed 1994
Revised 1994
Edition NA
Copyright NA
Levelled NA

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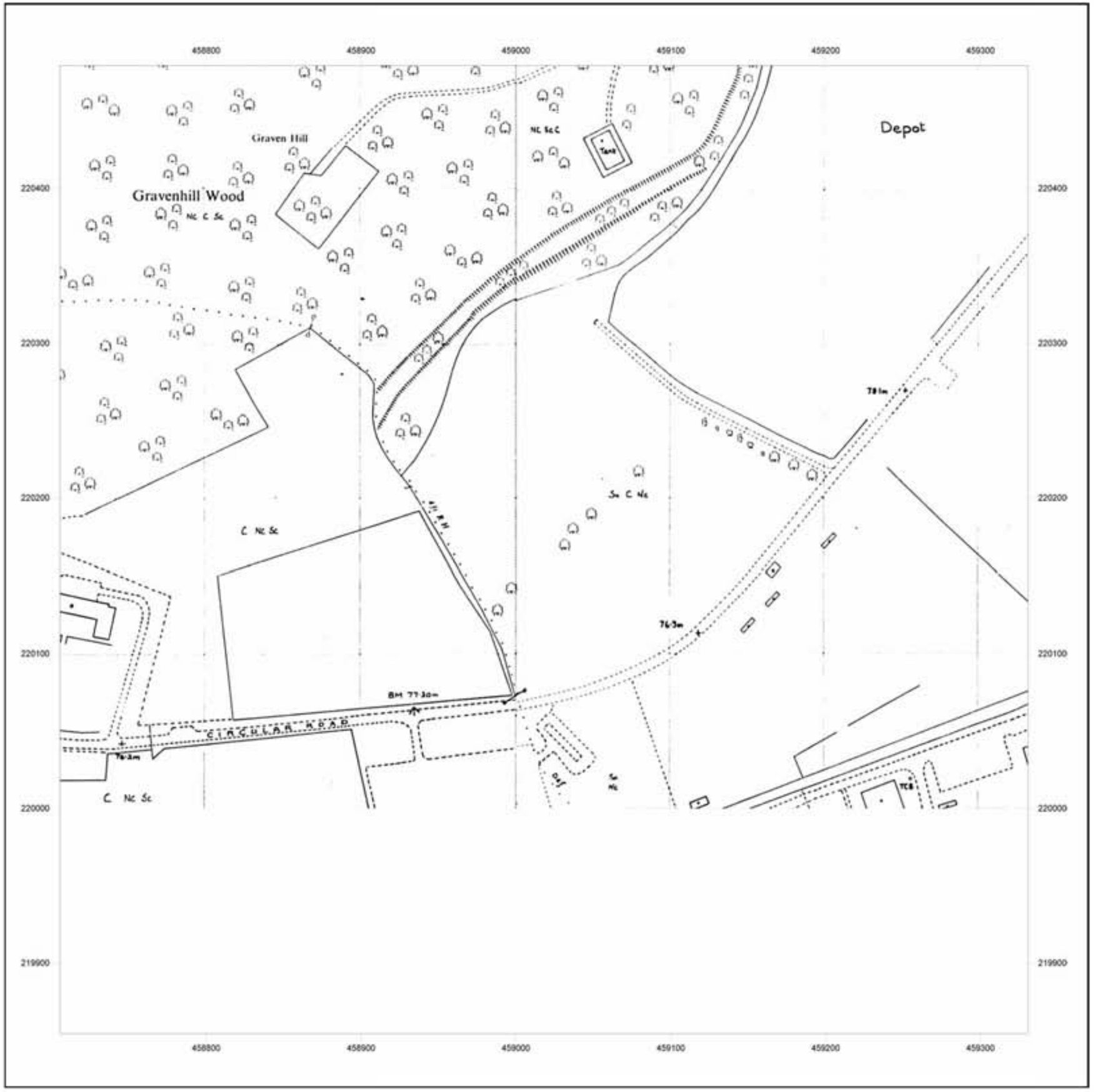

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C3-MM
Grid Ref: 459018, 220167

Map Name: National Grid

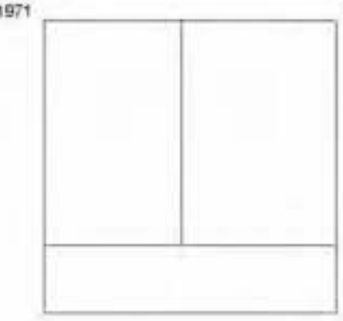
Map date: 1986

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1971
Revised 1986
Edition NA
Copyright 1986
Levelled 1971

Surveyed 1971
Revised 1986
Edition NA
Copyright 1986
Levelled 1971



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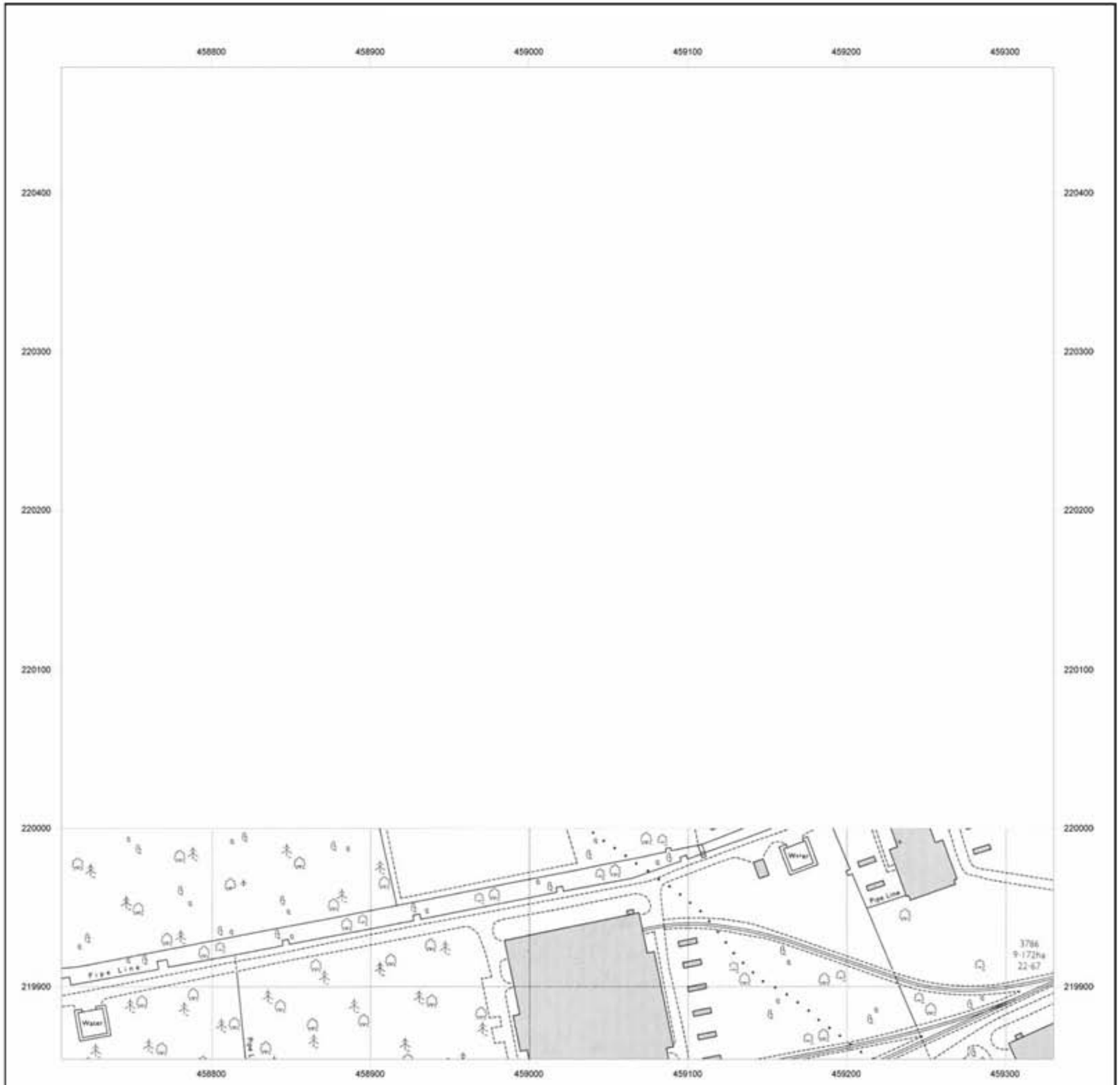

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C3-MM
Grid Ref: 459018, 220167

Map Name: National Grid

Map date: **1977**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1977
Revised 1977
Edition NA
Copyright 1978
Levelled 1971

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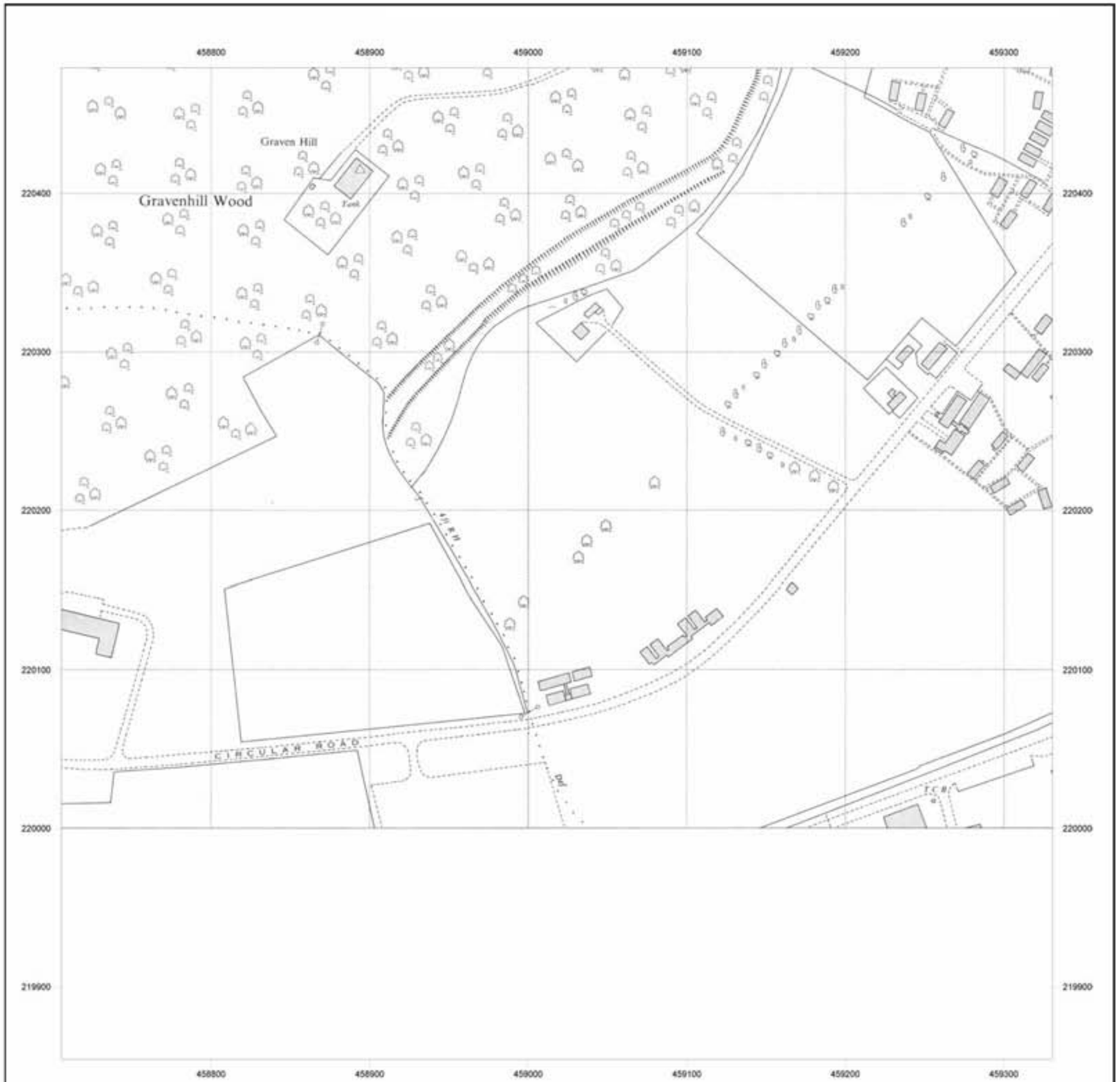

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C3-MM
Grid Ref: 459018, 220167

Map Name: National Grid

Map date: **1966**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1966
Revised 1966
Edition NA
Copyright 1967
Levelled 1962

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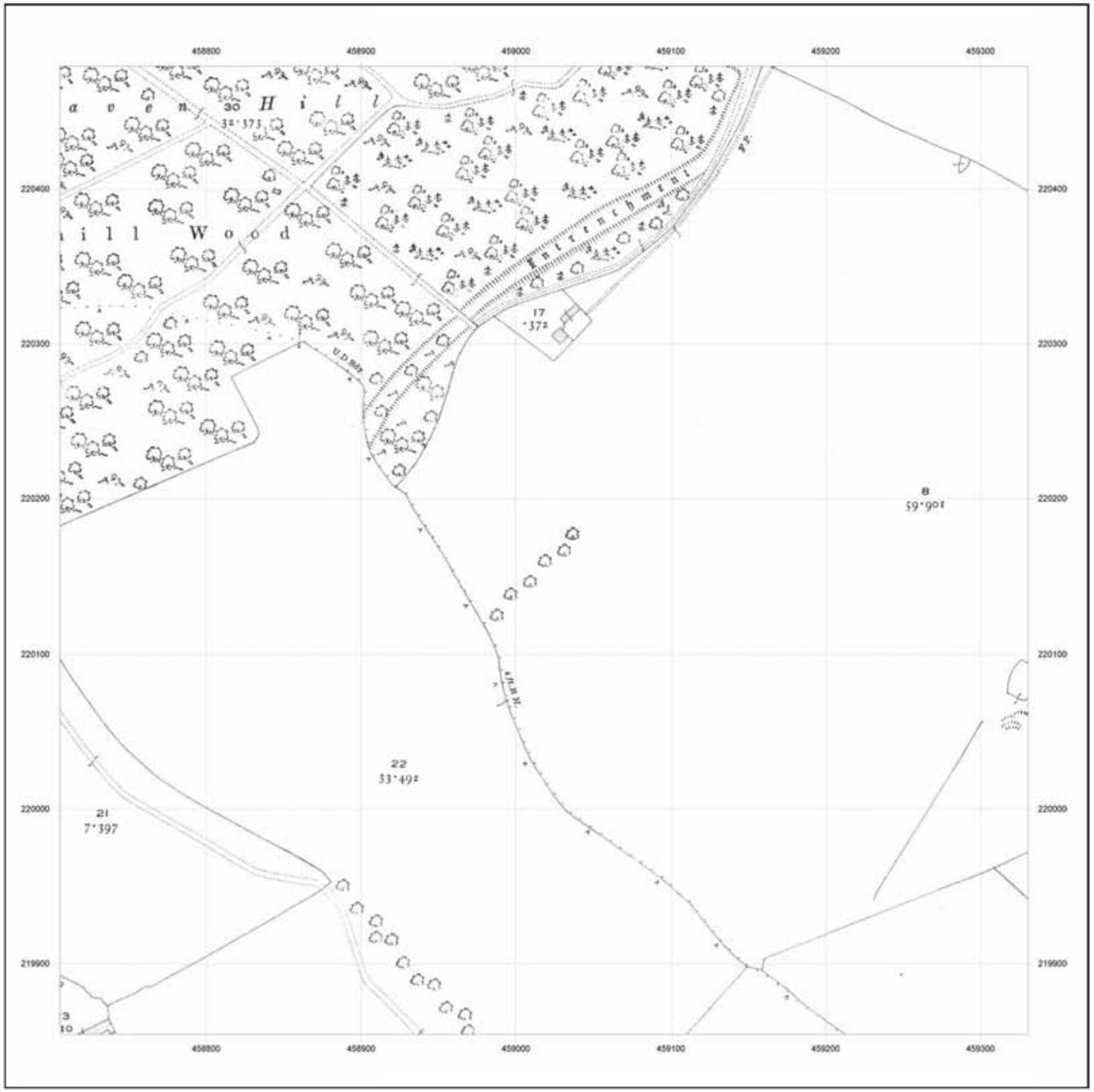

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C3-MM
Grid Ref: 459018, 220167

Map Name: County Series

Map date: 1922

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1922
Revised 1922
Edition NA
Copyright NA
Levelled NA

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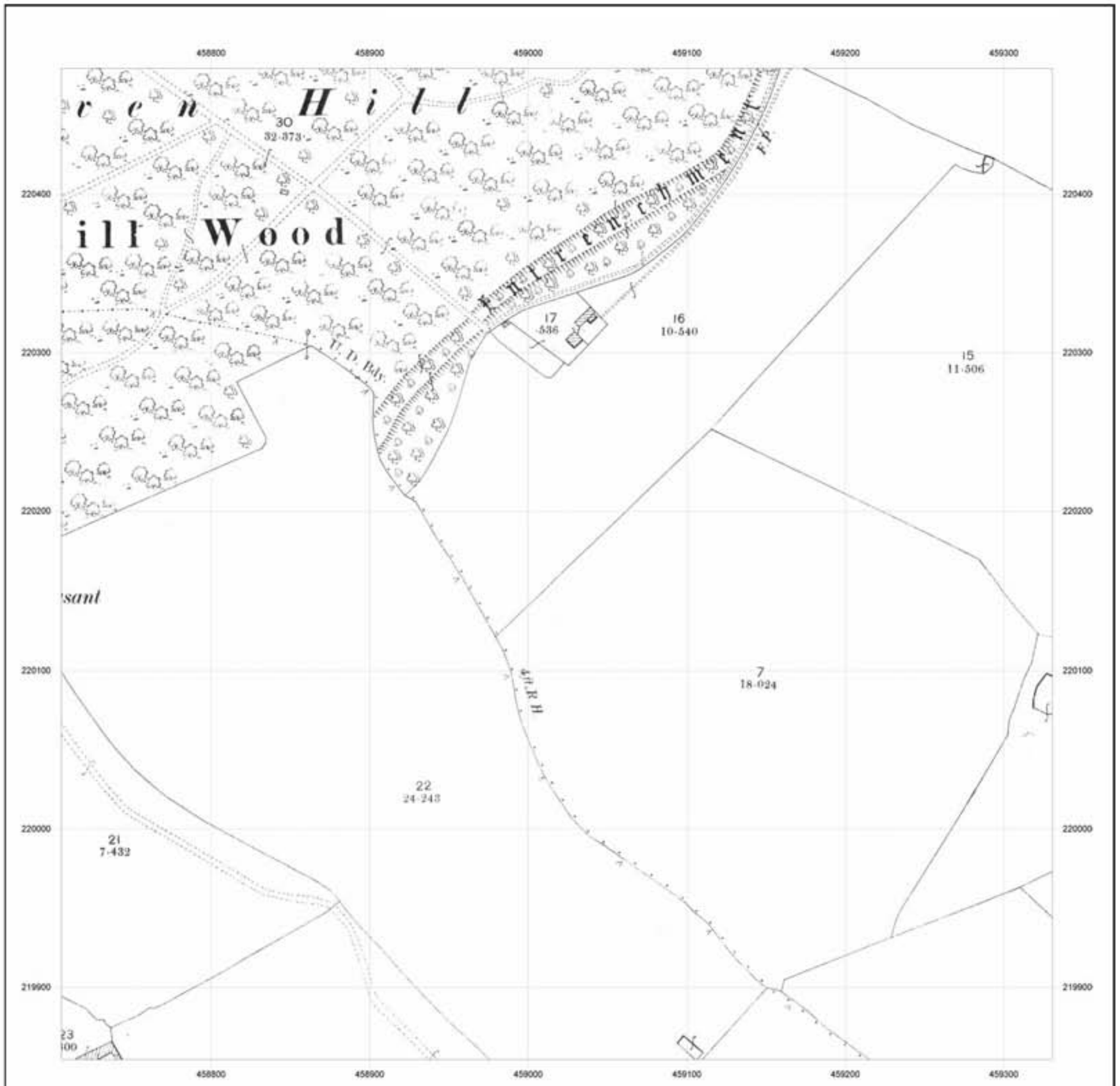

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C3-MM
Grid Ref: 459018, 220167

Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1900
Revised 1900
Edition NA
Copyright NA
Levelled NA

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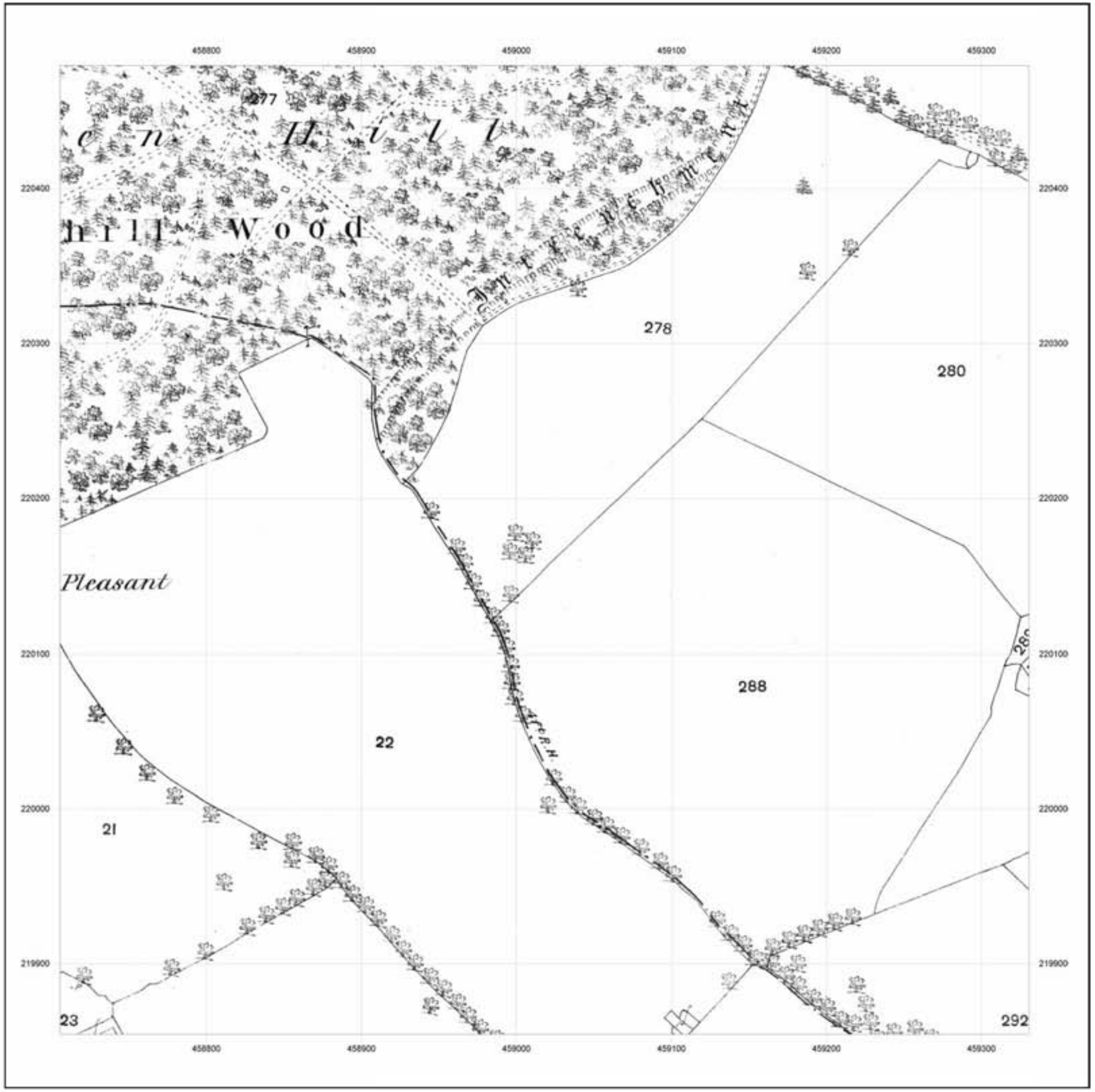
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C3-MM
Grid Ref: 459018, 220167

Map Name: County Series

Map date: **1875**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1875
Revised 1875
Edition NA
Copyright NA
Levelled NA

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C4-MM
Grid Ref: 459018, 219566

Map Name: MasterMap

Map date: **2009**

Scale: 1:2,500

Printed at: 1:2,500

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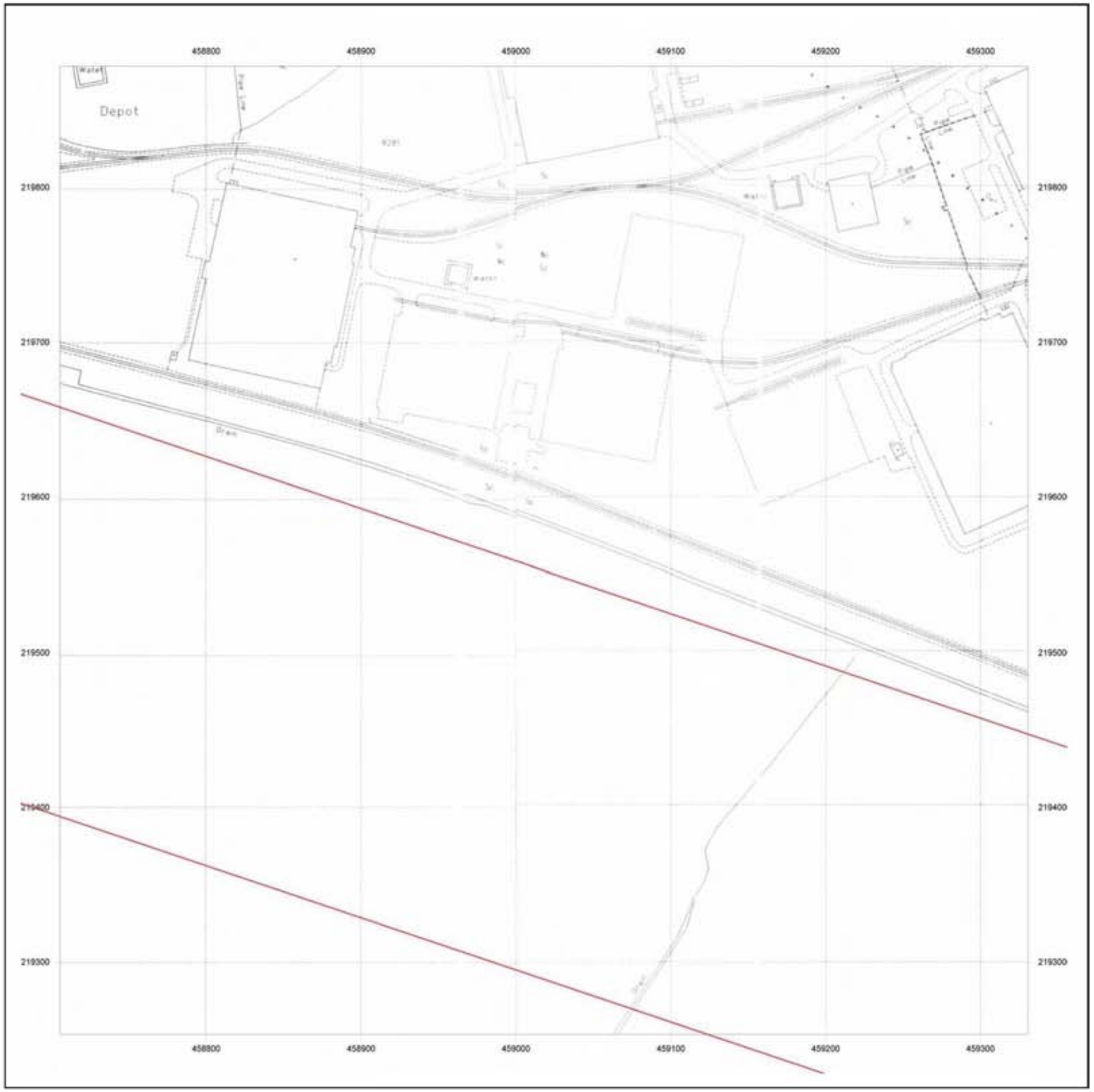

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Site Details:

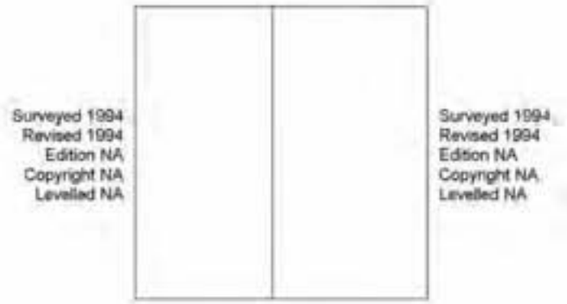
Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C4-MM
Grid Ref: 459018, 219566

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500



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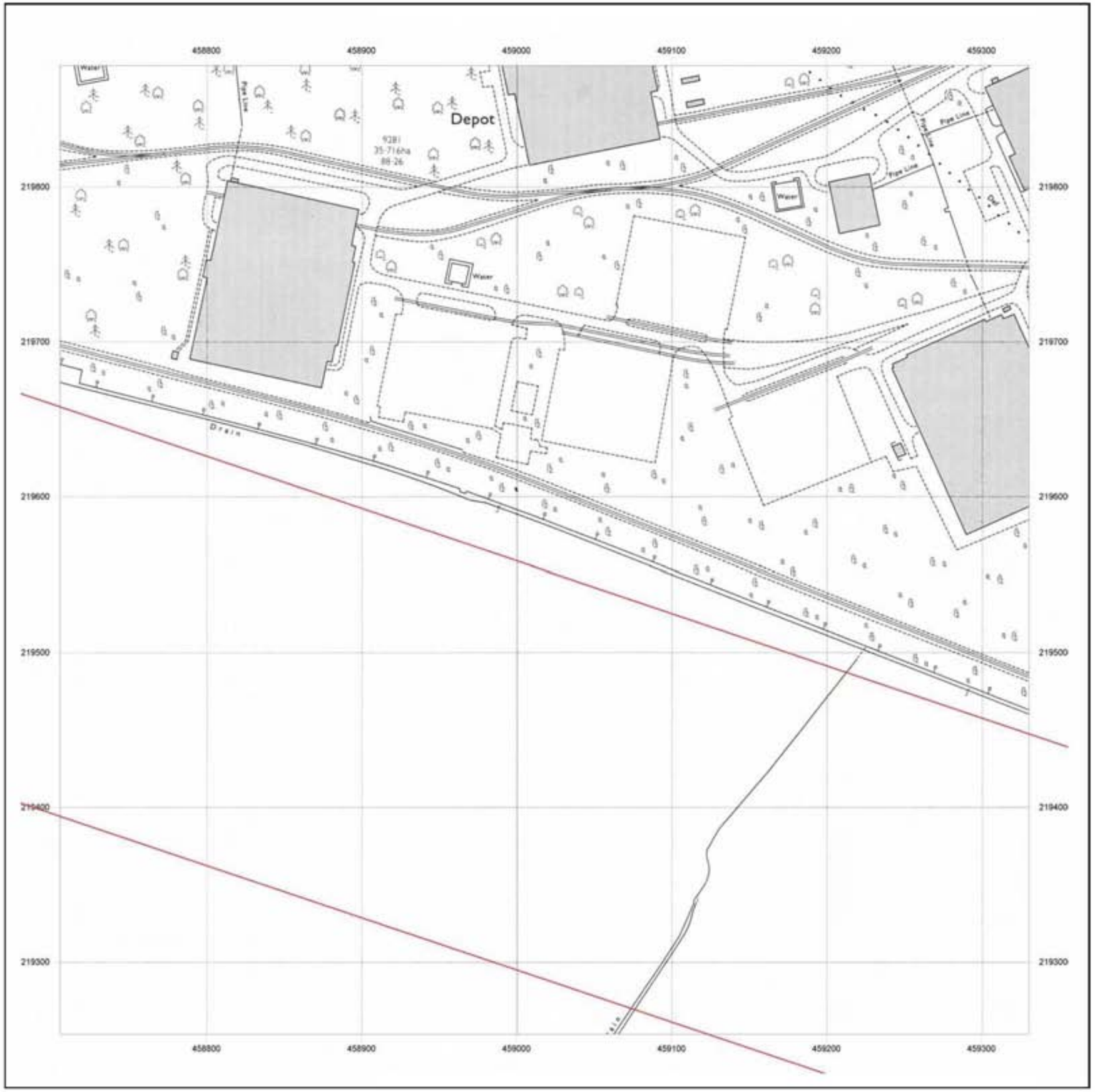
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C4-MM
Grid Ref: 459018, 219566

Map Name: National Grid

Map date: 1977

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1977
Revised 1977
Edition NA
Copyright 1978
Levelled 1971

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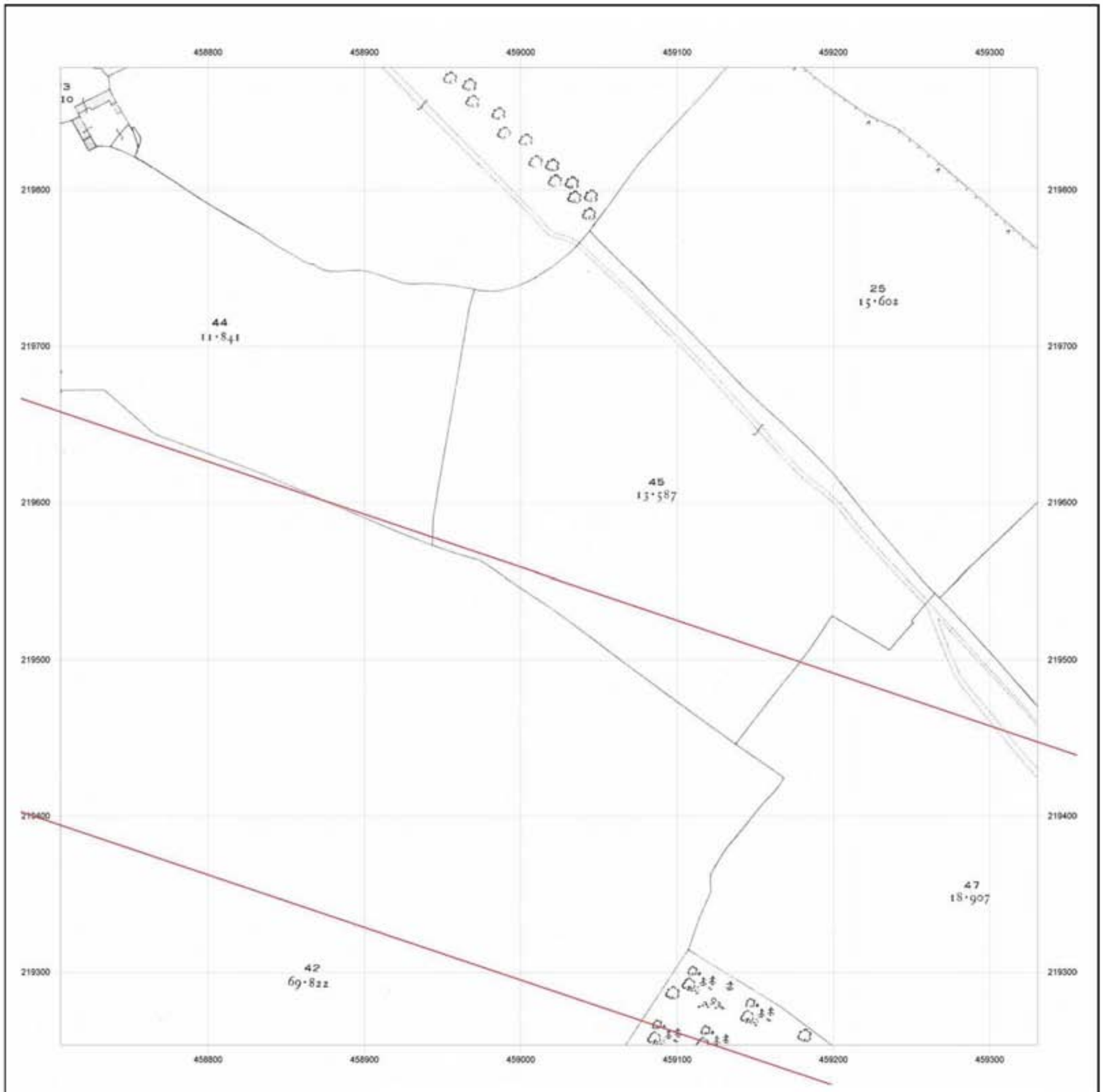

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C4-MM
Grid Ref: 459018, 219566

Map Name: County Series

Map date: 1922

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1922
Revised 1922
Edition NA
Copyright NA
Levelled NA

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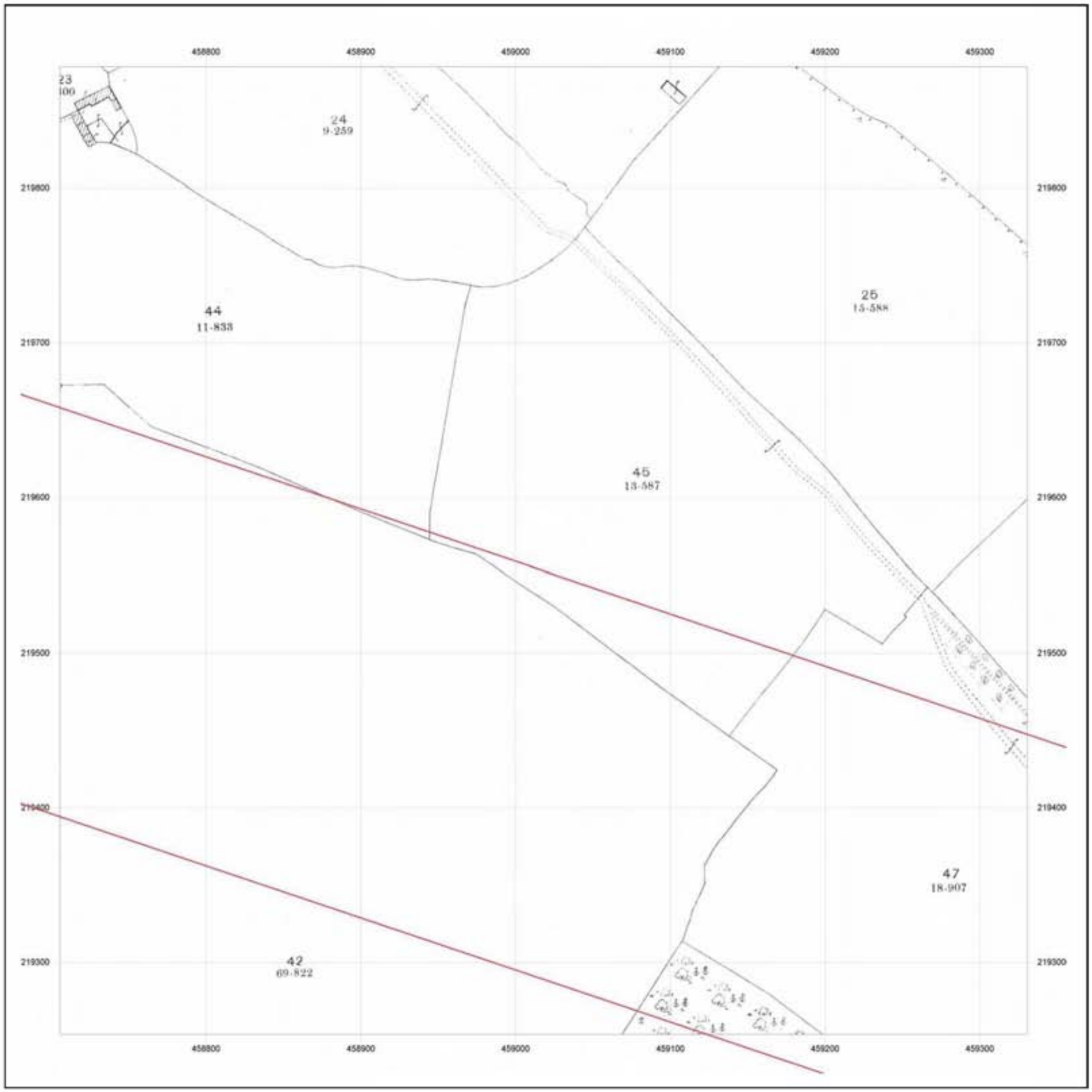

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C4-MM
Grid Ref: 459018, 219566

Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1900
Revised 1900
Edition NA
Copyright NA
Levelled NA

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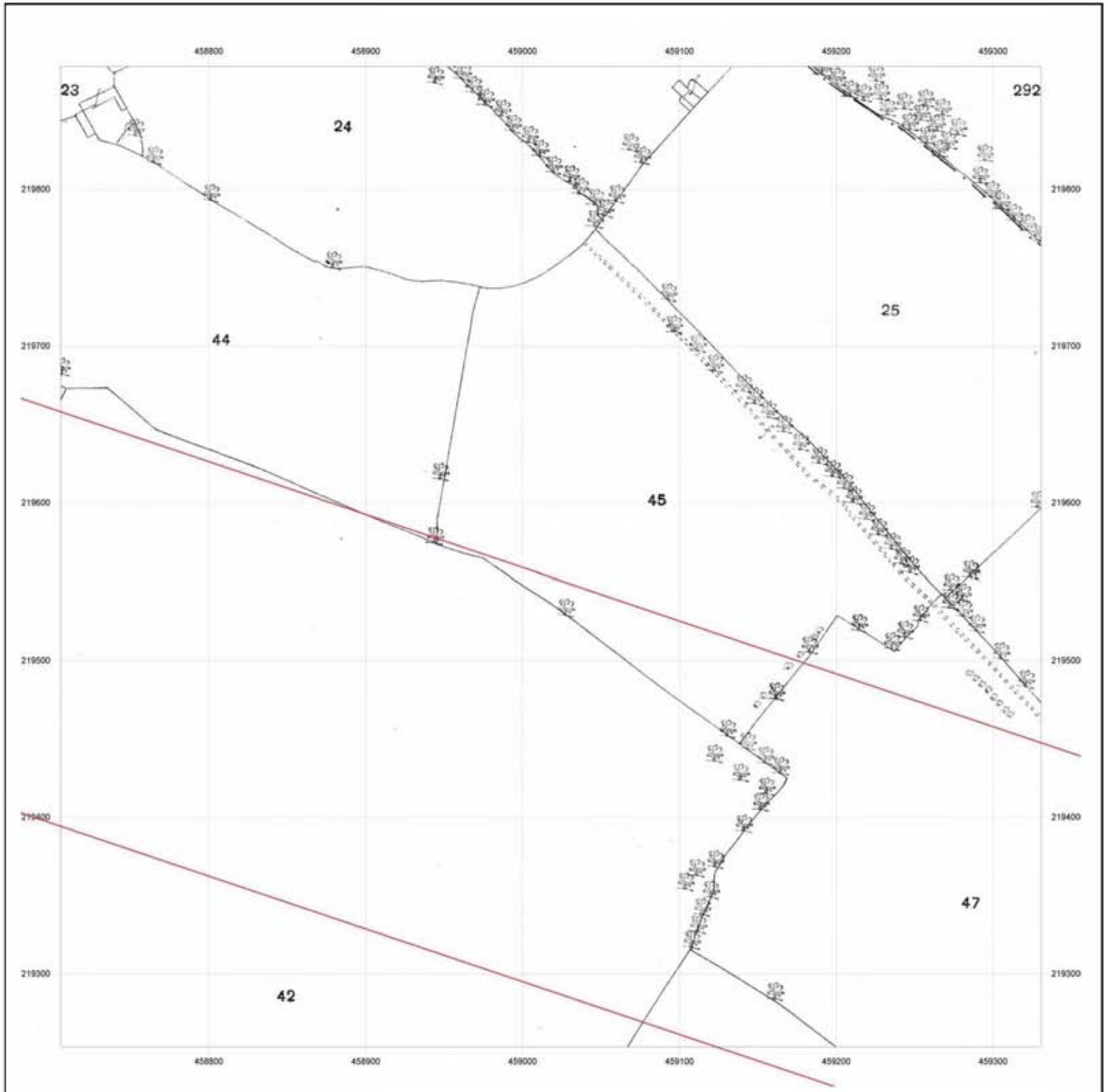

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_C4-MM
Grid Ref: 459018, 219566

Map Name: County Series

Map date: **1875**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1875
Revised 1875
Edition NA
Copyright NA
Levelled NA

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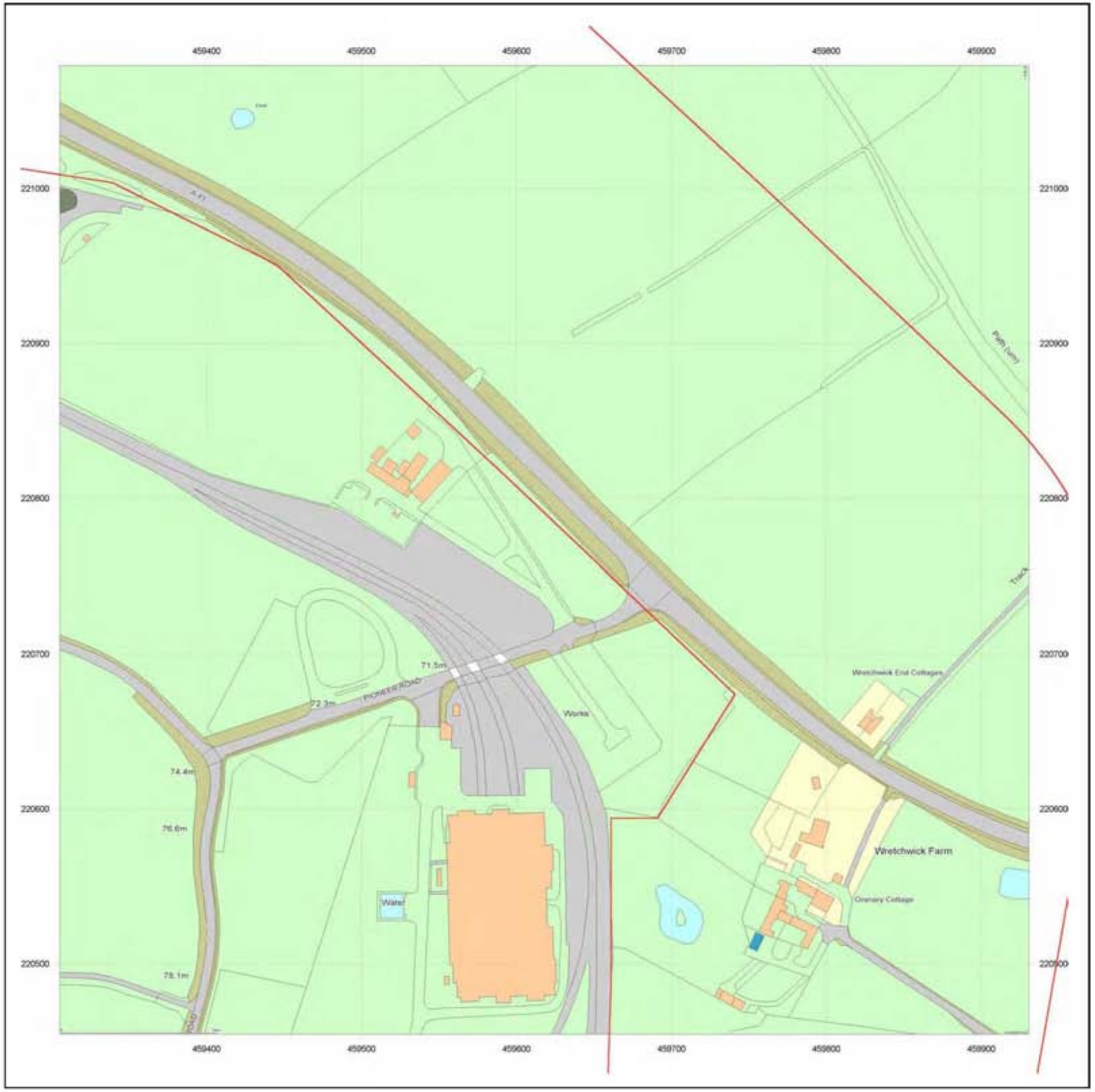
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D2-MM
Grid Ref: 459618, 220767

Map Name: MasterMap

Map date: **2009**

Scale: 1:2,500

Printed at: 1:2,500

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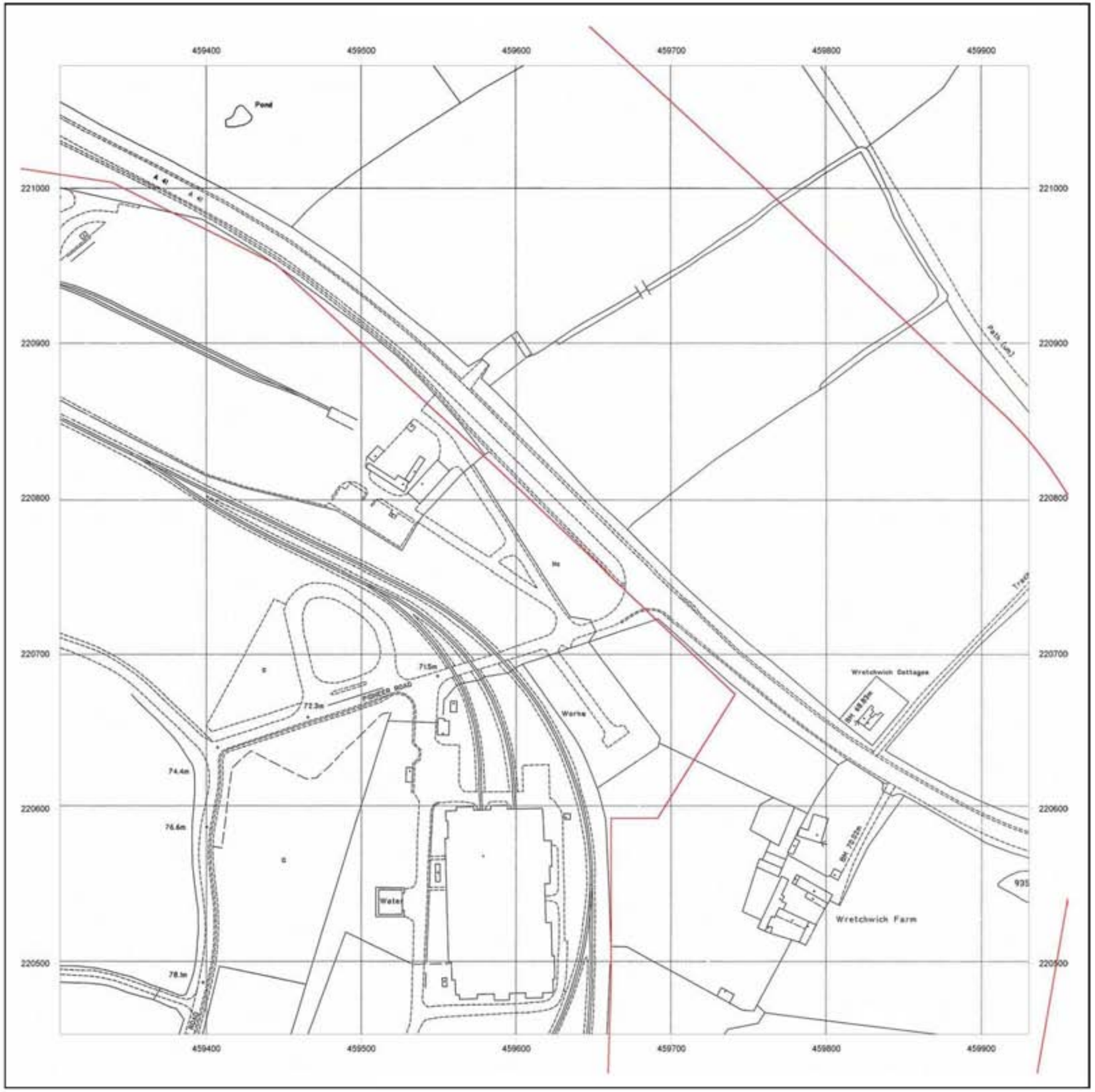
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D2-MM
Grid Ref: 459618, 220767

Map Name: National Grid

Map date: **1995**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed ?
Revised ?
Edition NA
Copyright NA
Levelled NA

Surveyed 1995
Revised 1995
Edition NA
Copyright 1995
Levelled NA

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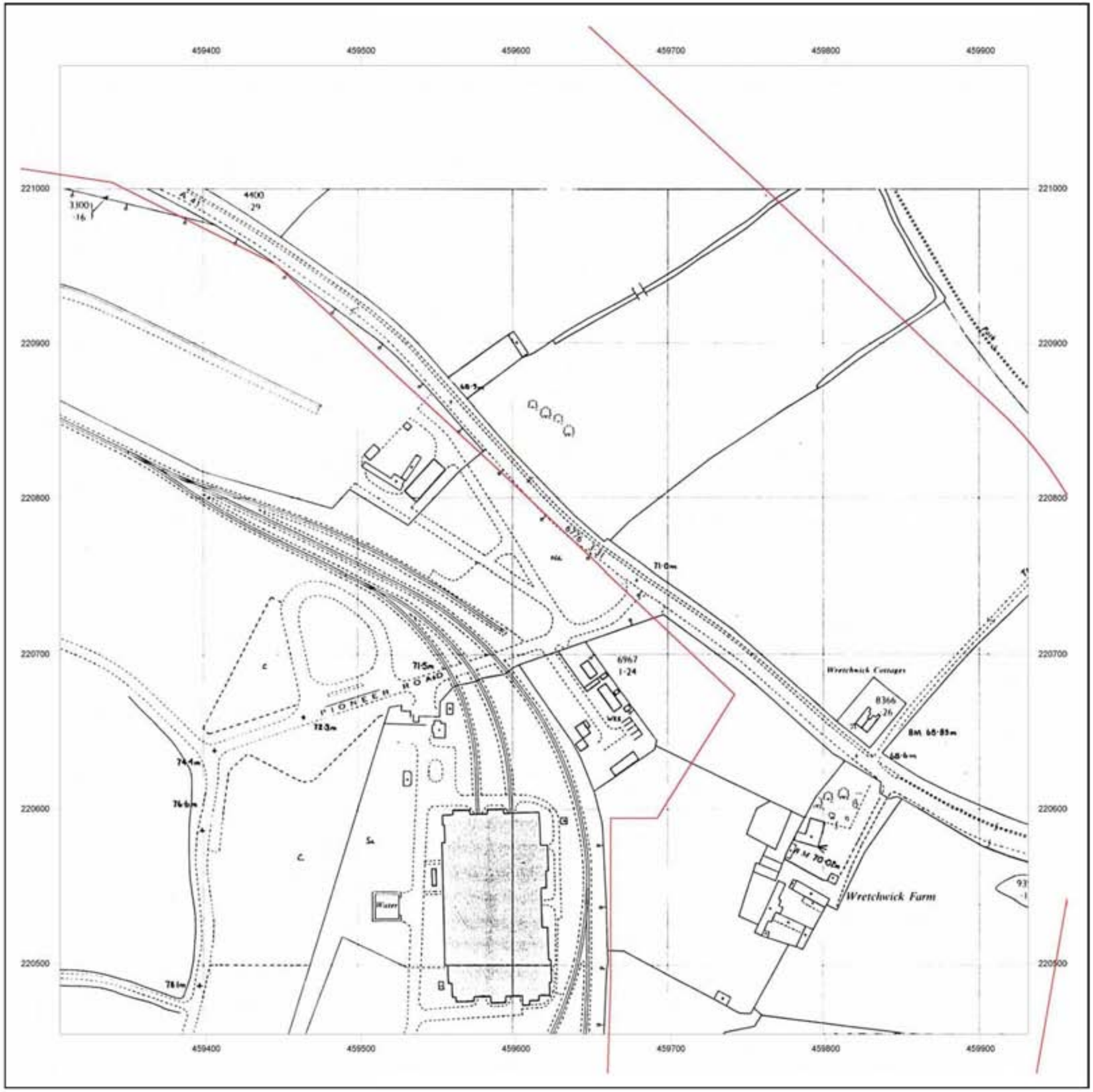
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D2-MM
Grid Ref: 459618, 220767

Map Name: National Grid

Map date: **1986**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1971
Revised 1986
Edition NA
Copyright 1986
Levelled 1971

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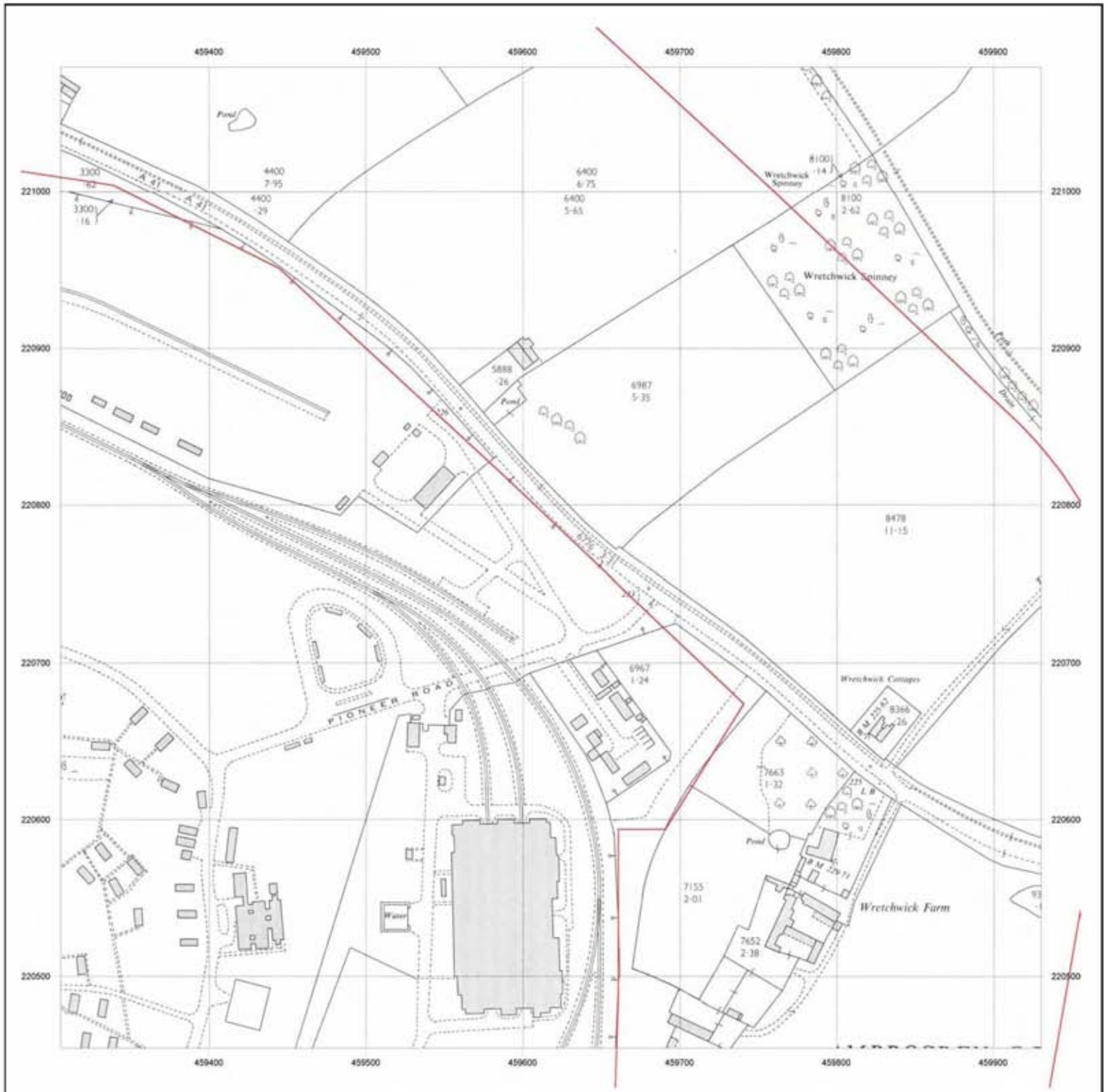
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D2-MM
Grid Ref: 459618, 220767

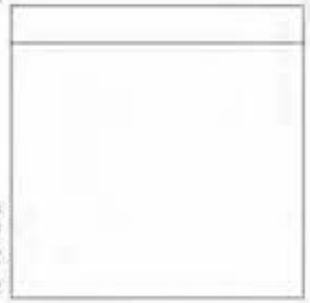
Map Name: National Grid

Map date: **1966**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1966
Revised 1966
Edition NA
Copyright 1968
Levelled 1962



Surveyed 1966
Revised 1966
Edition NA
Copyright 1967
Levelled 1962

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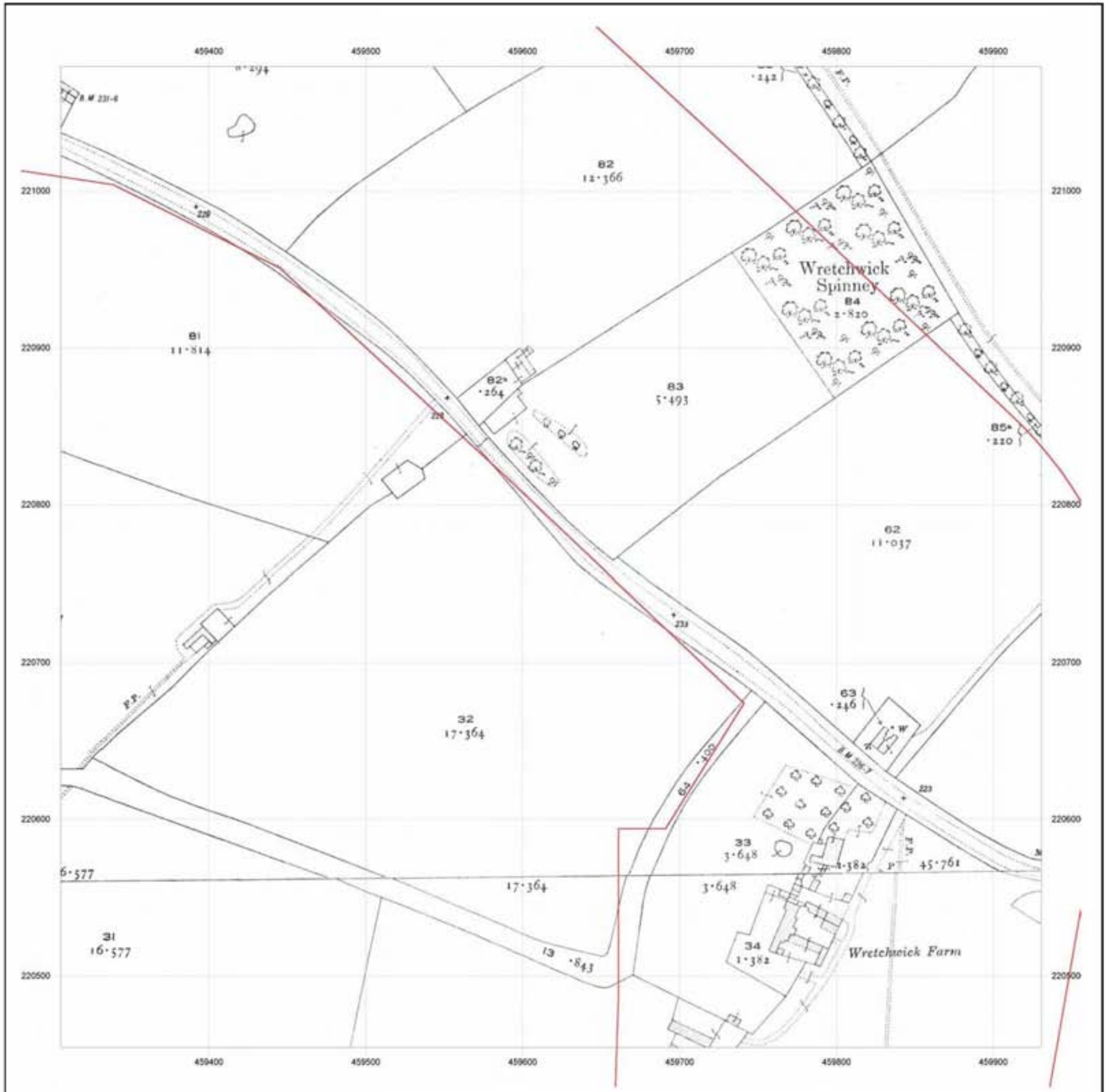

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Site Details:

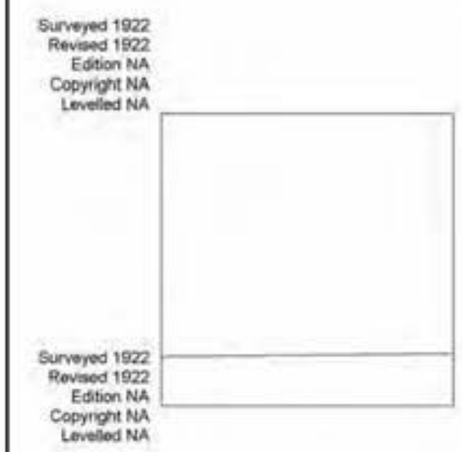
Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D2-MM
Grid Ref: 459618, 220767

Map Name: County Series

Map date: 1922

Scale: 1:2,500

Printed at: 1:2,500



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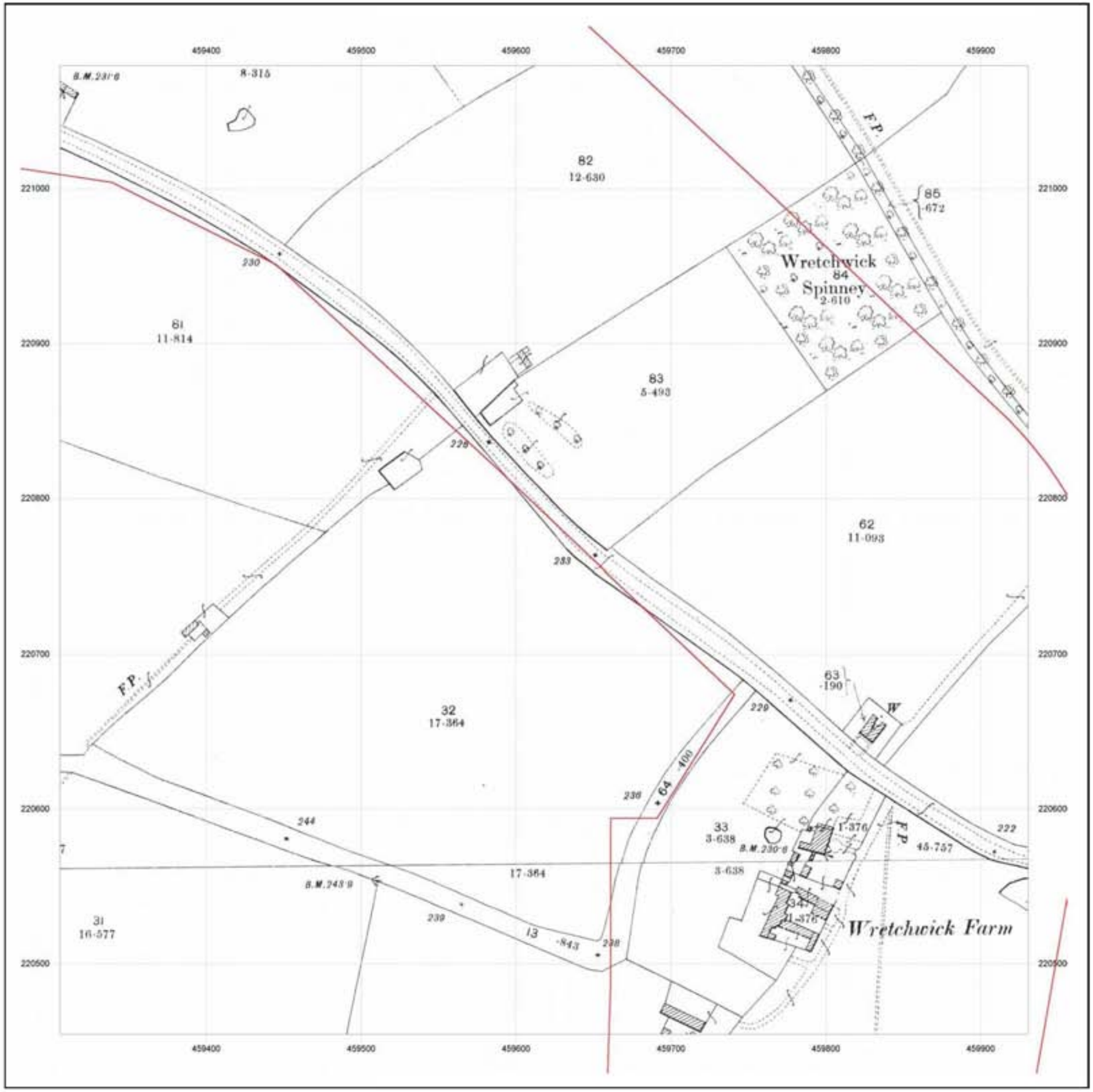
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D2-MM
Grid Ref: 459618, 220767

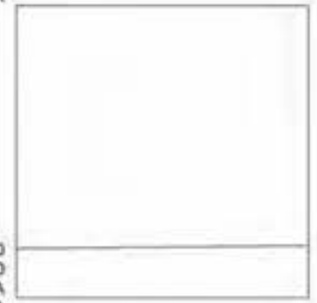
Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1900
Revised 1900
Edition NA
Copyright NA
Levelled NA



Surveyed 1900
Revised 1900
Edition NA
Copyright NA
Levelled NA

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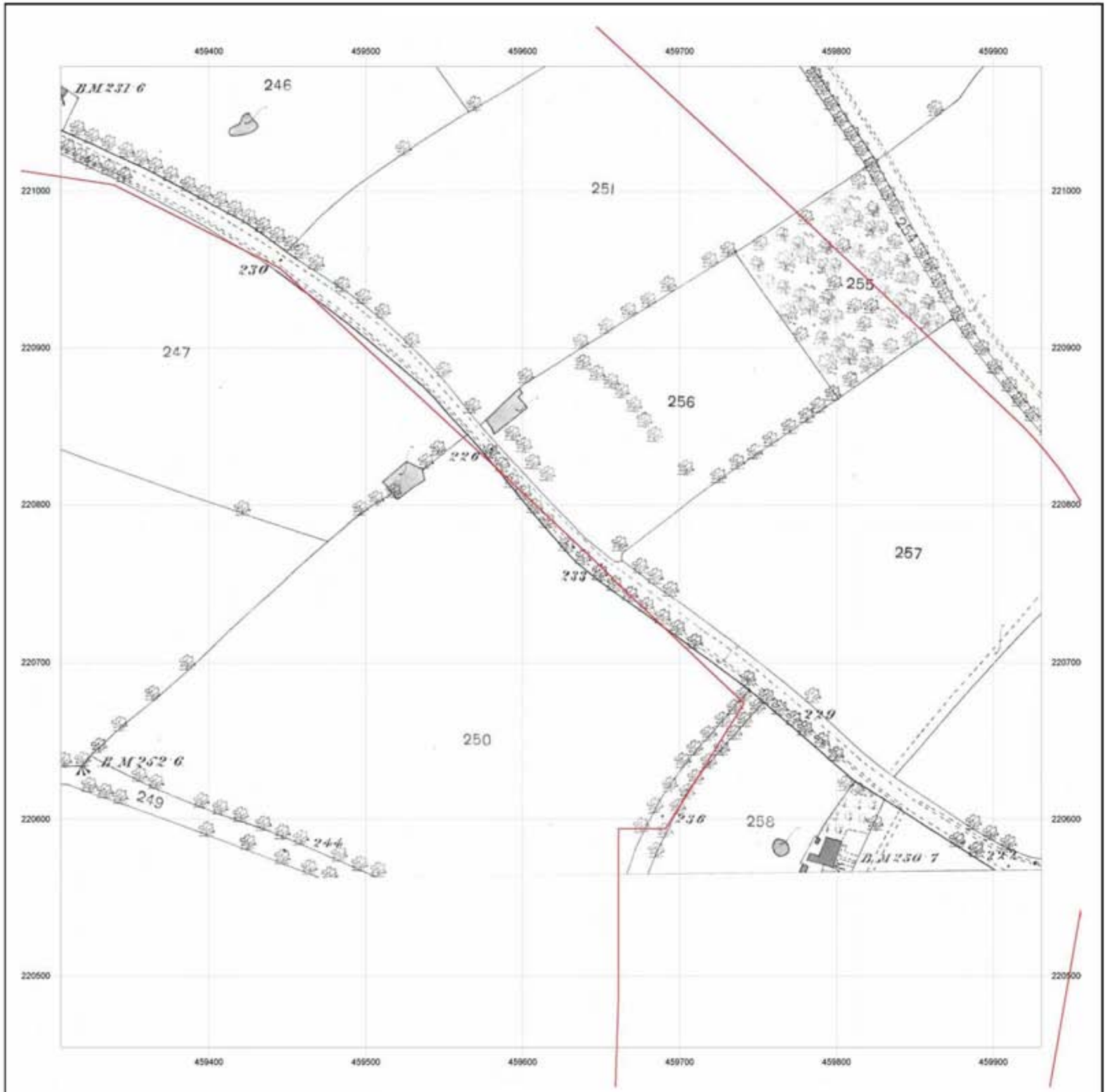
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D2-MM
Grid Ref: 459618, 220767

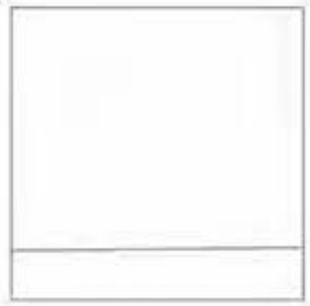
Map Name: County Series

Map date: **1881**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1881
Revised 1881
Edition NA
Copyright NA
Levelled NA



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D3-MM
Grid Ref: 459618, 220167

Map Name: MasterMap

Map date: **2009**

Scale: 1:2,500

Printed at: 1:2,500

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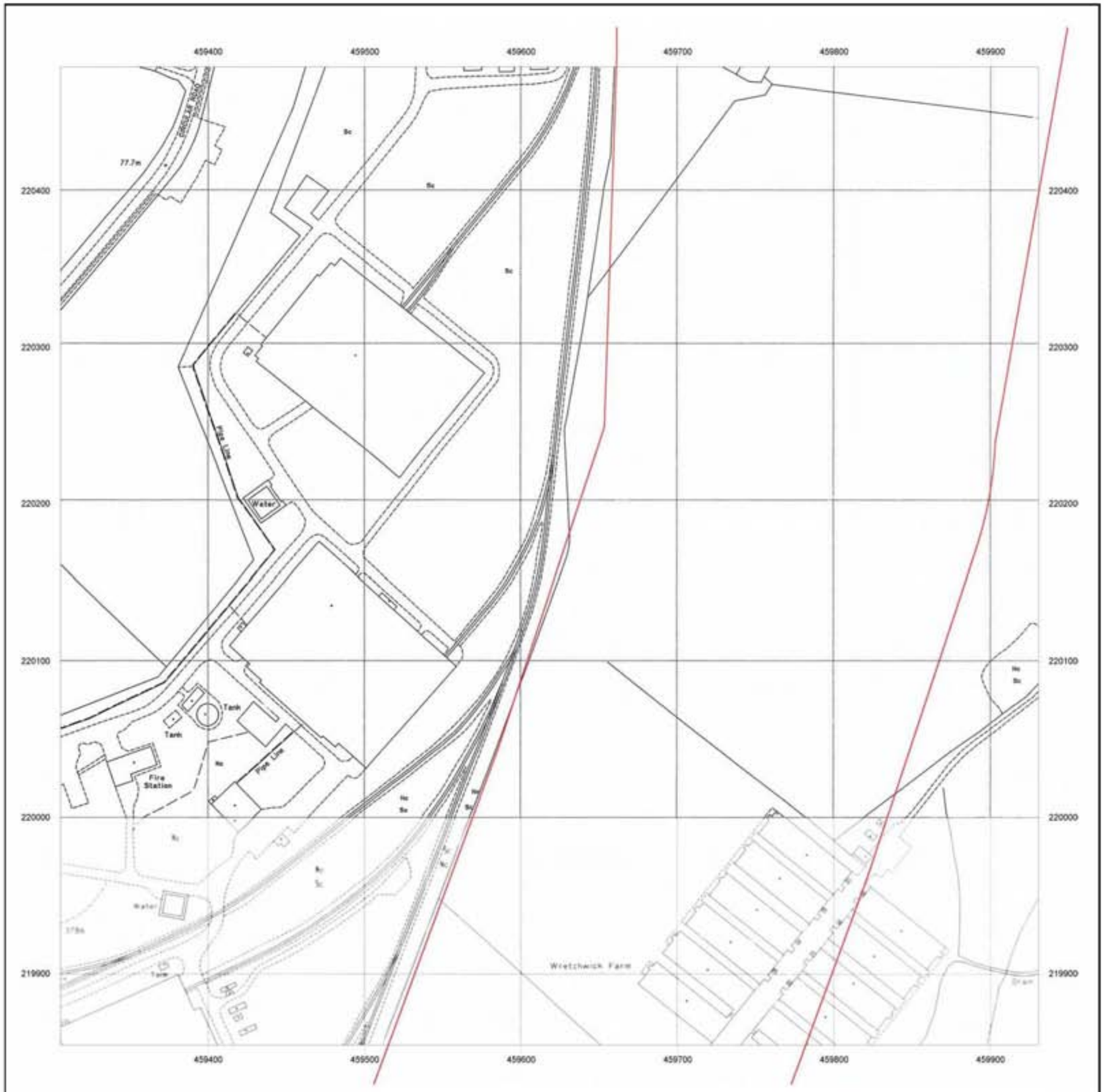
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D3-MM
Grid Ref: 459618, 220167

Map Name: National Grid

Map date: **1994-1995**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1995
Revised 1995
Edition NA
Copyright 1995
Levelled NA

Surveyed 1994
Revised 1994
Edition NA
Copyright NA
Levelled NA

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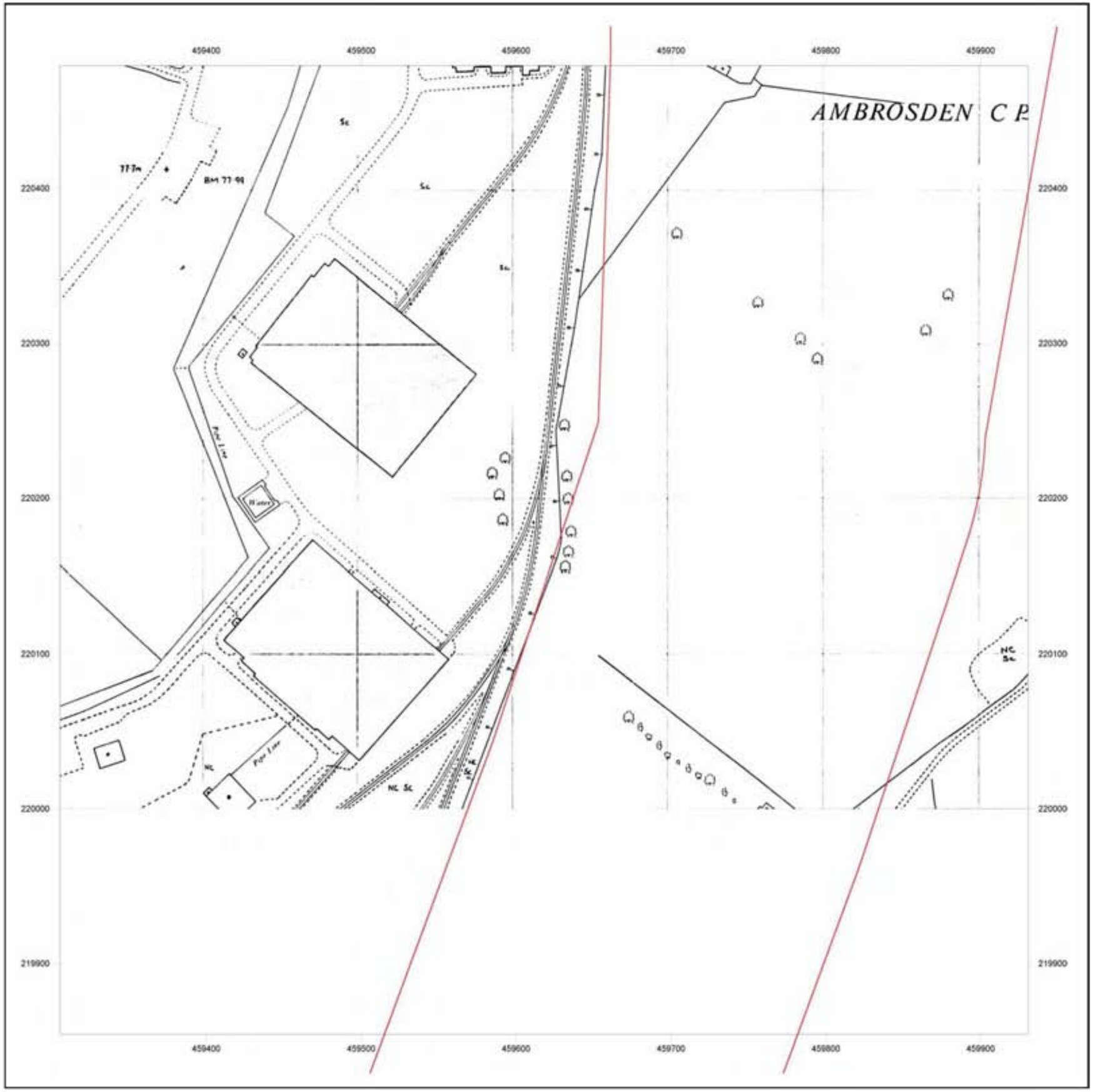

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D3-MM
Grid Ref: 459618, 220167

Map Name: National Grid

Map date: 1986

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1971
Revised 1986
Edition NA
Copyright 1986
Levelled 1971

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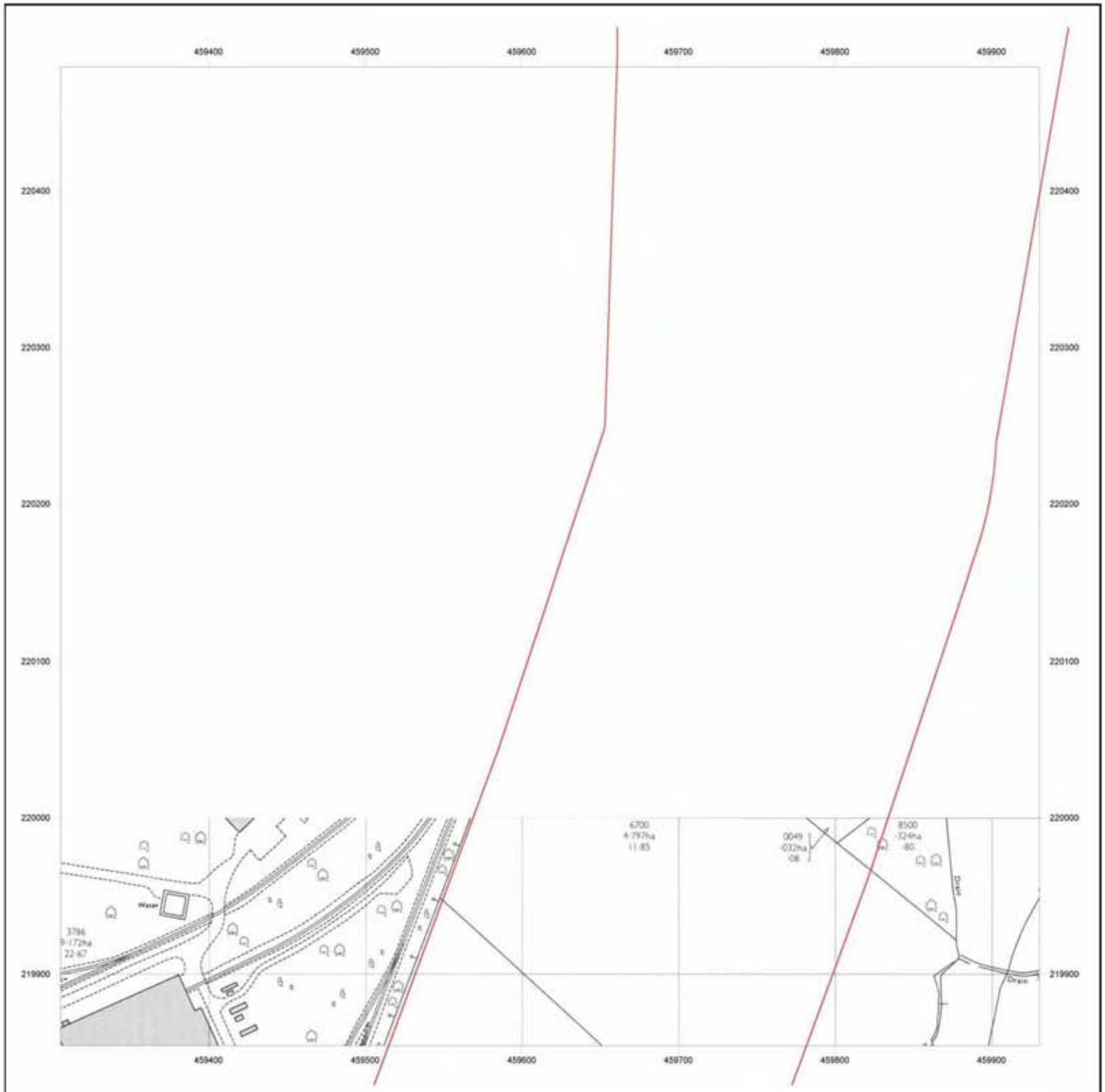
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D3-MM
Grid Ref: 459618, 220167

Map Name: National Grid

Map date: **1977**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1977
Revised 1977
Edition NA
Copyright 1978
Levelled 1971

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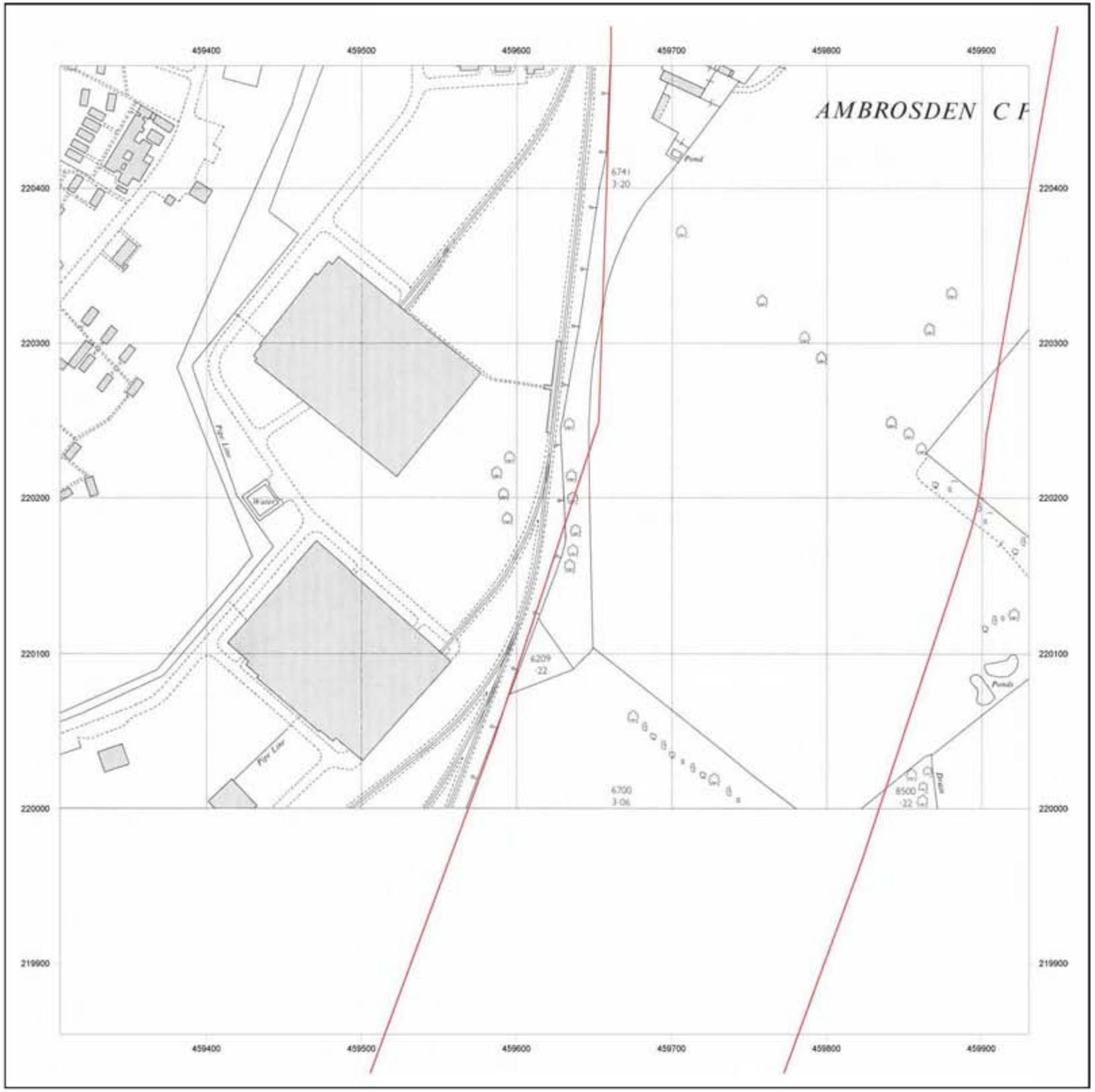

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D3-MM
Grid Ref: 459618, 220167

Map Name: National Grid

Map date: **1966**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1966
Revised 1966
Edition NA
Copyright 1967
Levelled 1962

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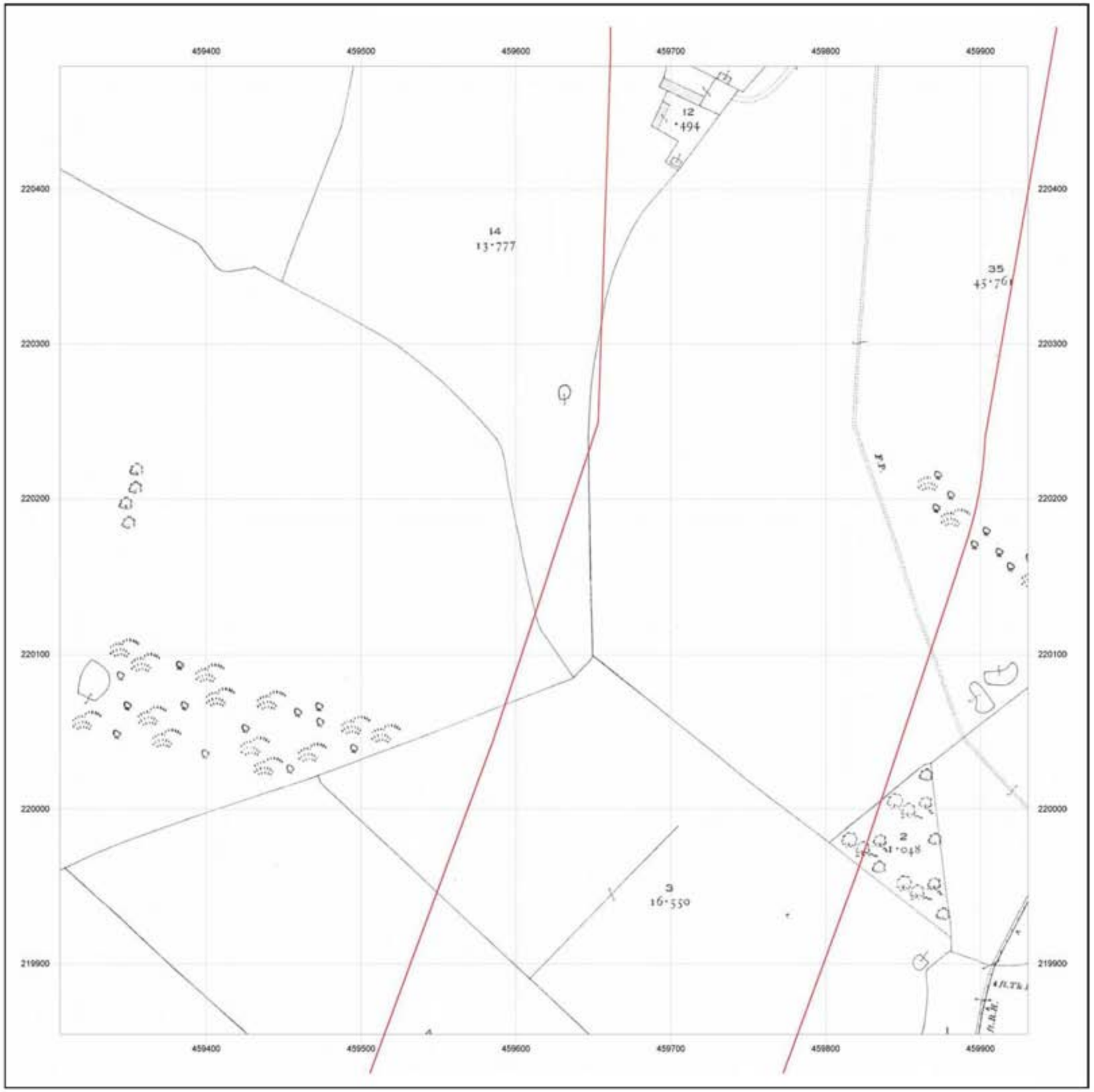

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D3-MM
Grid Ref: 459618, 220167

Map Name: County Series

Map date: 1922

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1922
Revised 1922
Edition NA
Copyright NA
Levelled NA

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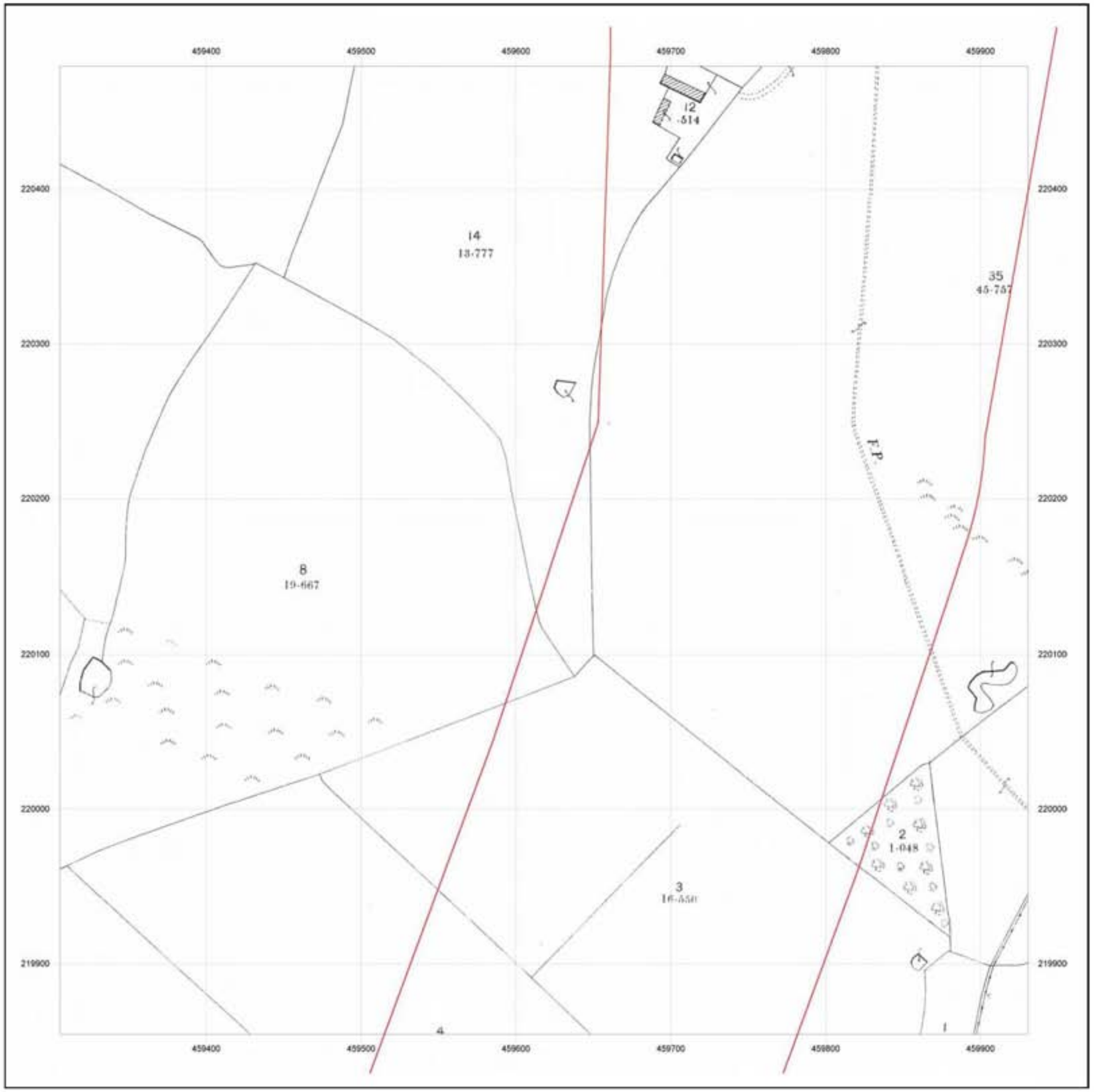
Production date:07 January 2010



emapsite™

Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D3-MM
Grid Ref: 459618, 220167

Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1900
Revised 1900
Edition NA
Copyright NA
Levelled NA

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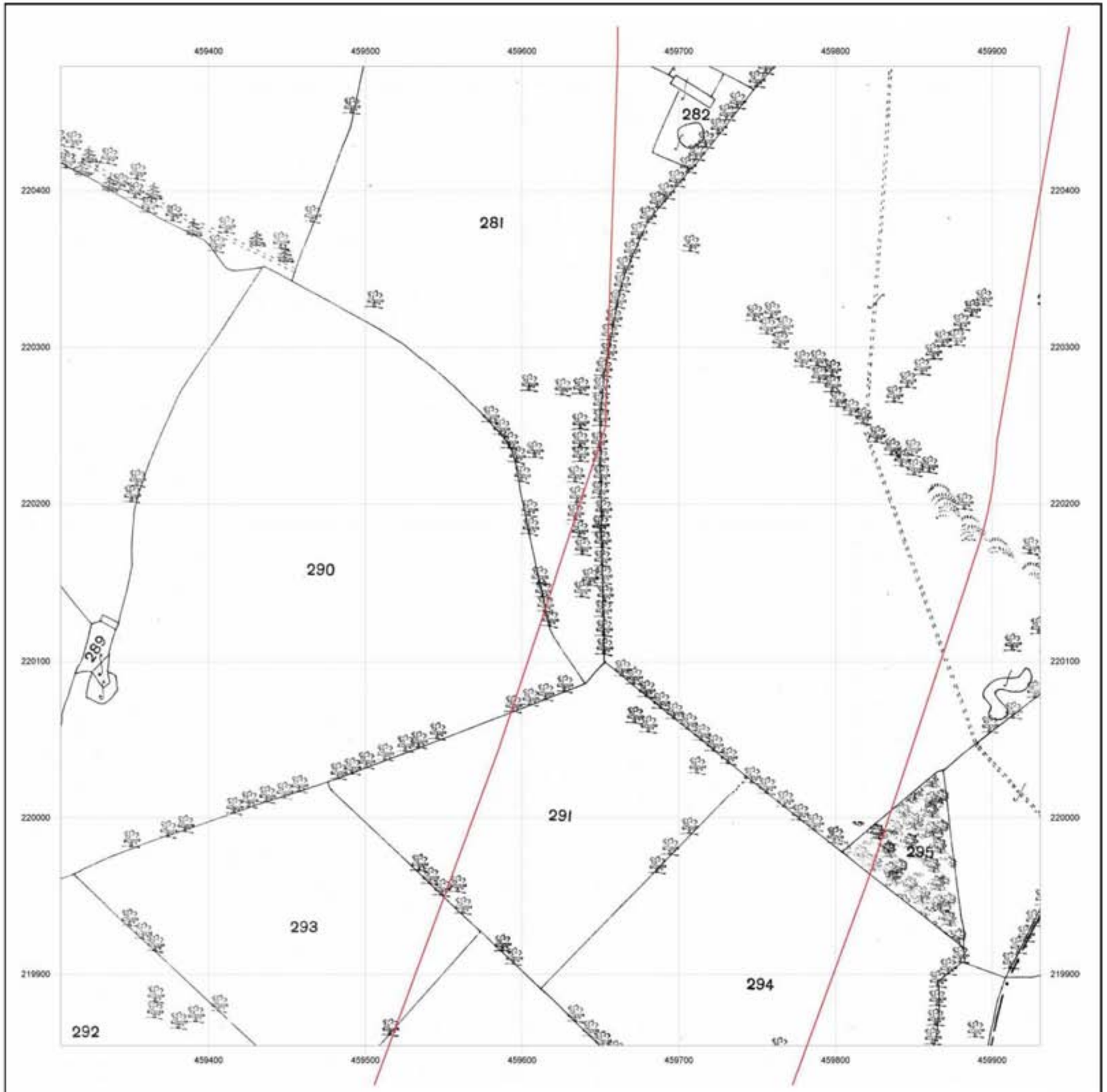
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D3-MM
Grid Ref: 459618, 220167

Map Name: County Series

Map date: **1875**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1875
Revised 1875
Edition NA
Copyright NA
Levelled NA

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D4-MM
Grid Ref: 459618, 219566

Map Name: MasterMap

Map date: **2009**

Scale: 1:2,500

Printed at: 1:2,500

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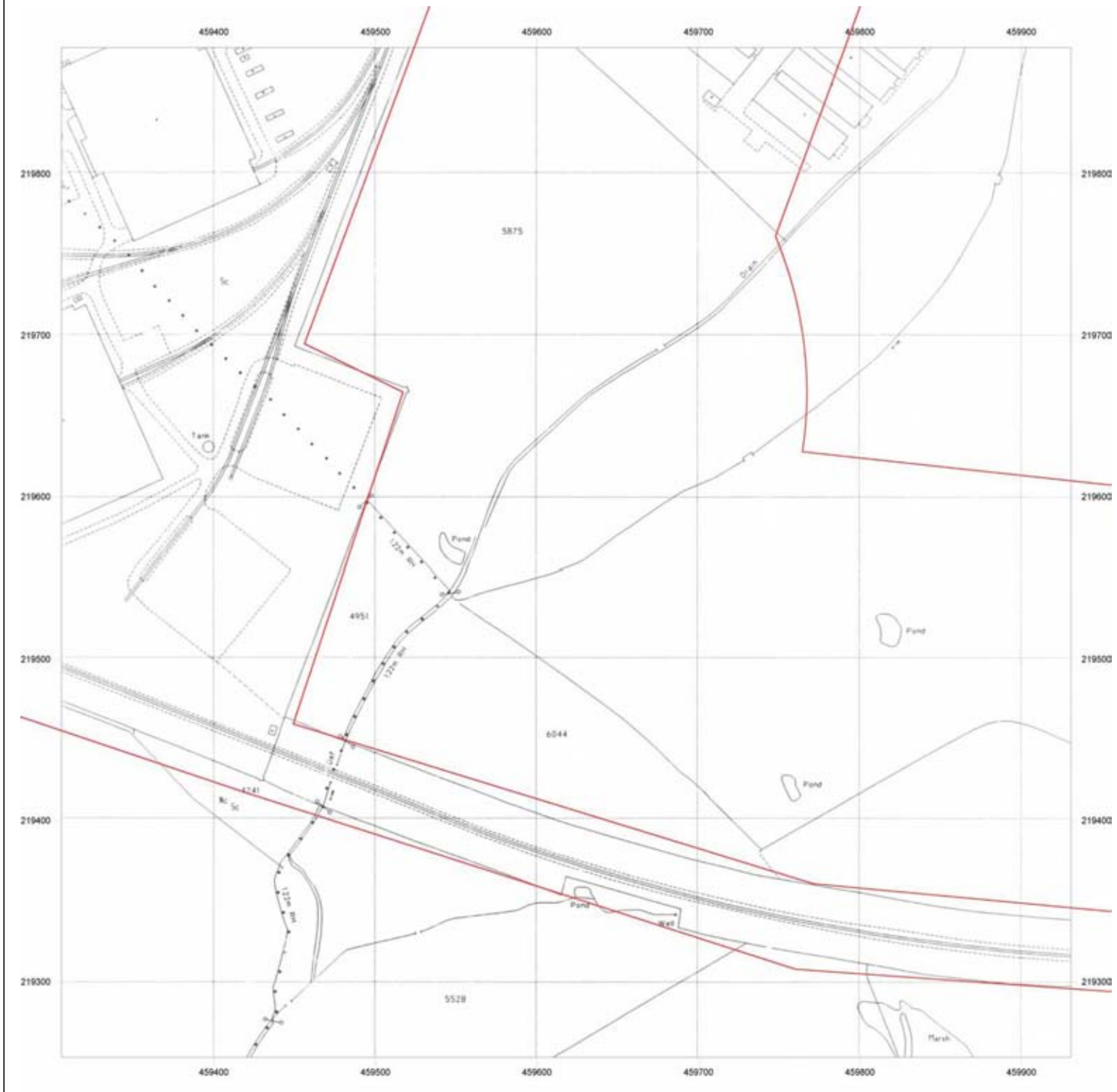
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D4-MM
Grid Ref: 459618, 219566

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1994
Revised 1994
Edition NA
Copyright NA
Levelled NA

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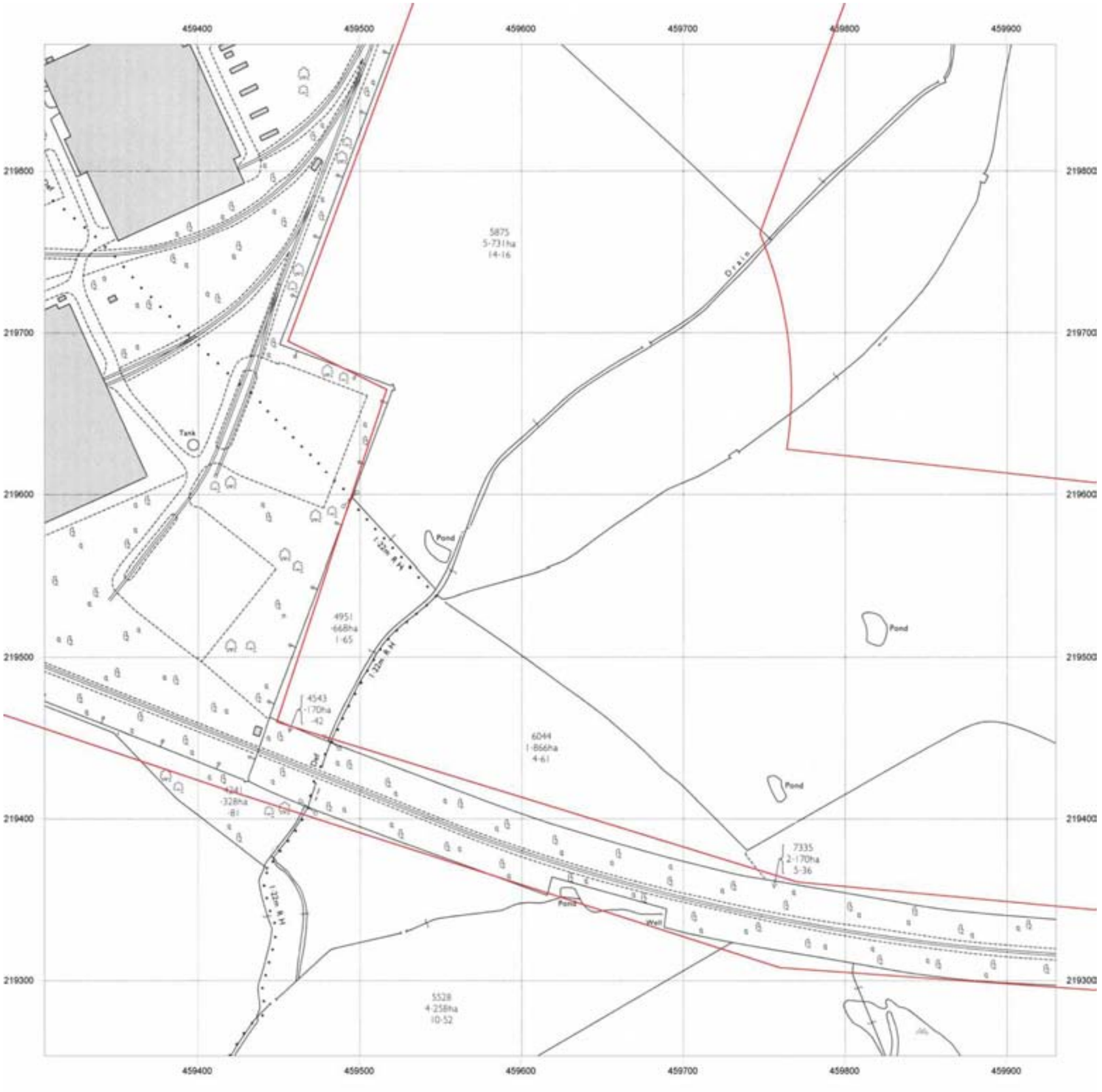
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D4-MM
Grid Ref: 459618, 219566

Map Name: National Grid

Map date: **1977**

Scale: 1:2,500

Printed at: 1:2,500

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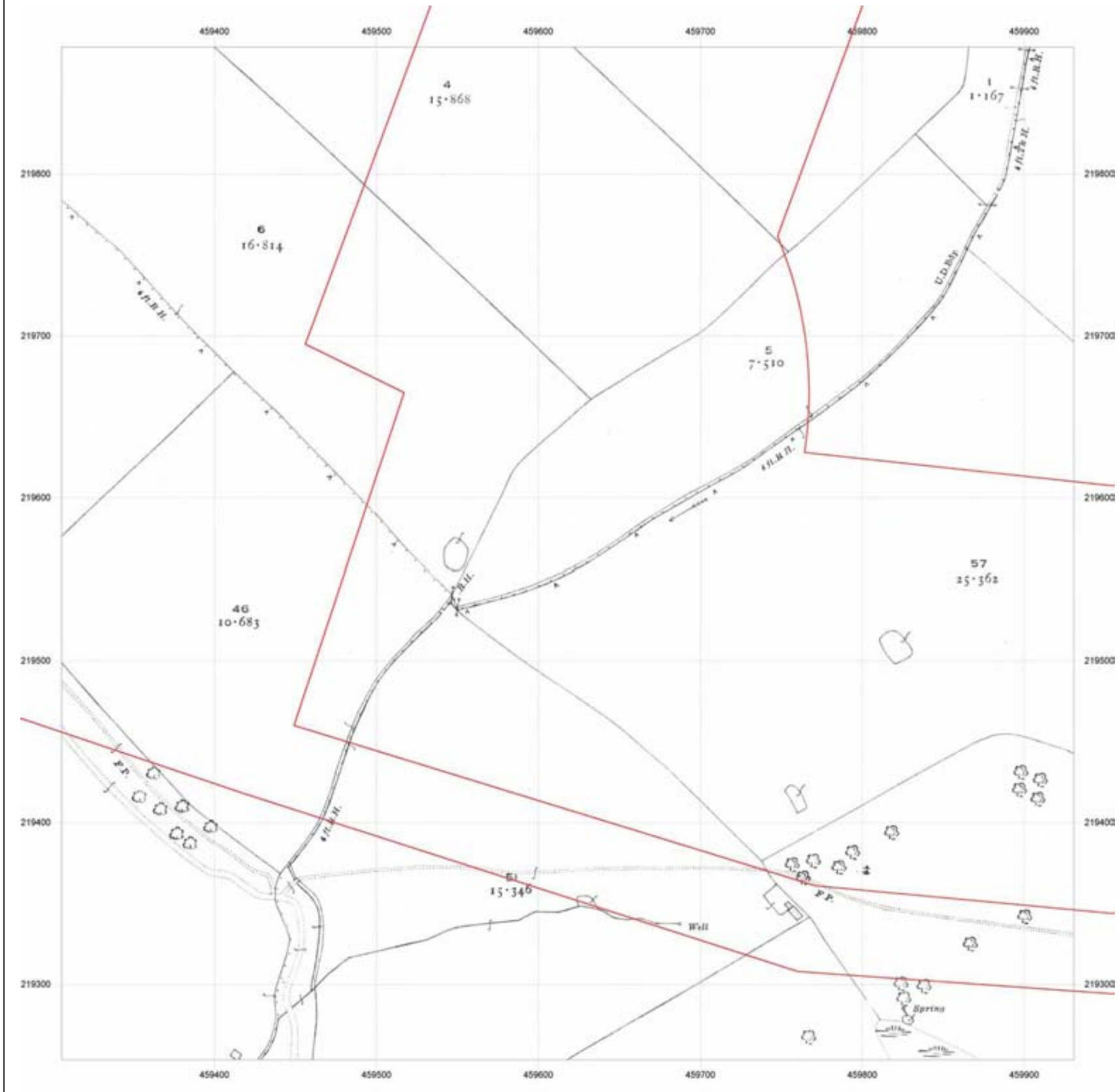
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D4-MM
Grid Ref: 459618, 219566

Map Name: County Series

Map date: **1922**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1922
Revised 1922
Edition NA
Copyright NA
Levelled NA

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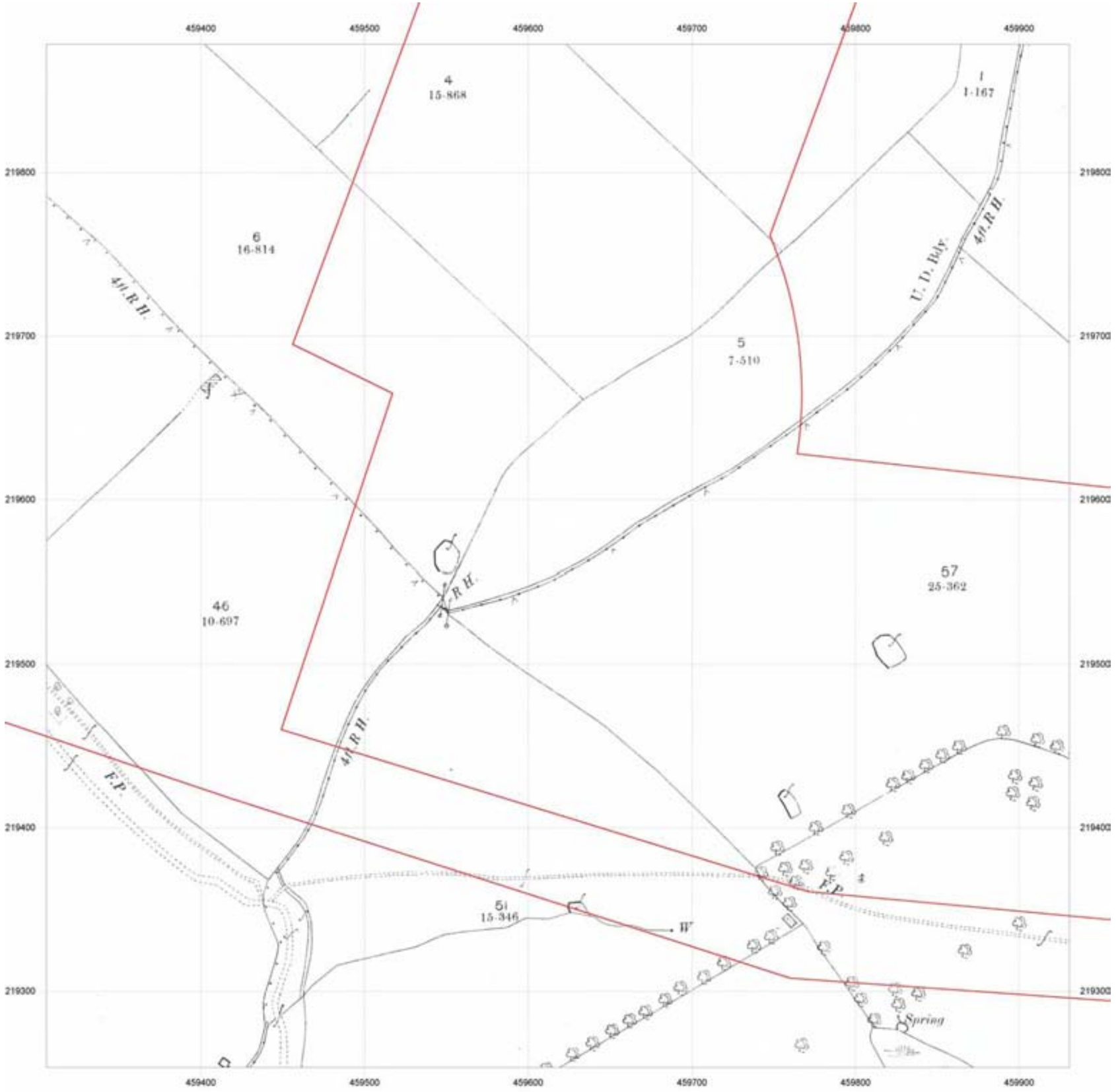
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D4-MM
Grid Ref: 459618, 219566

Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1900
Revised 1900
Edition NA
Copyright NA
Levelled NA

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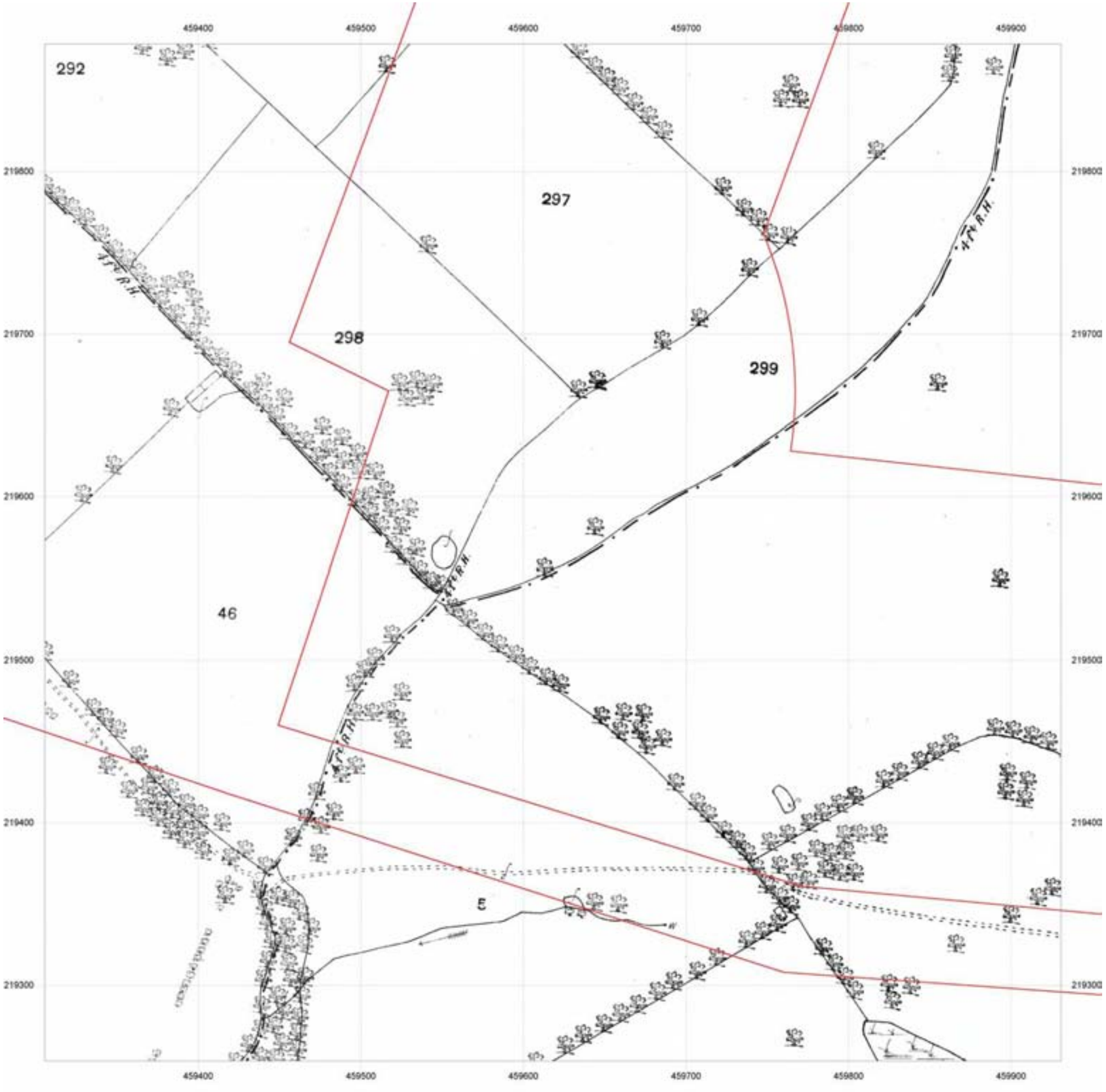
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_D4-MM
Grid Ref: 459618, 219566

Map Name: County Series

Map date: **1875**

Scale: 1:2,500

Printed at: 1:2,500

Surveyed 1875
Revised 1875
Edition NA
Copyright NA
Levelled NA

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Production date:07 January 2010

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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_E4-MM
Grid Ref: 460219, 219566

Map Name: MasterMap

Map date: **2009**

Scale: 1:2,500

Printed at: 1:2,500

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Production date:07 January 2010

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Site Details:

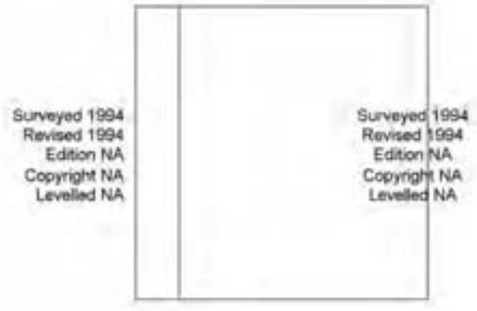
Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_E4-MM
Grid Ref: 460219, 219566

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500



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Production date:07 January 2010

Site Details:

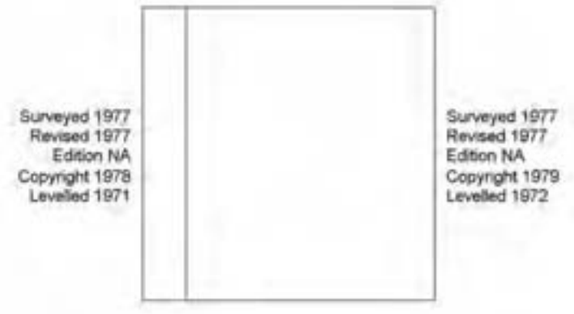
Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_E4-MM
Grid Ref: 460219, 219566

Map Name: National Grid

Map date: **1977**

Scale: 1:2,500

Printed at: 1:2,500



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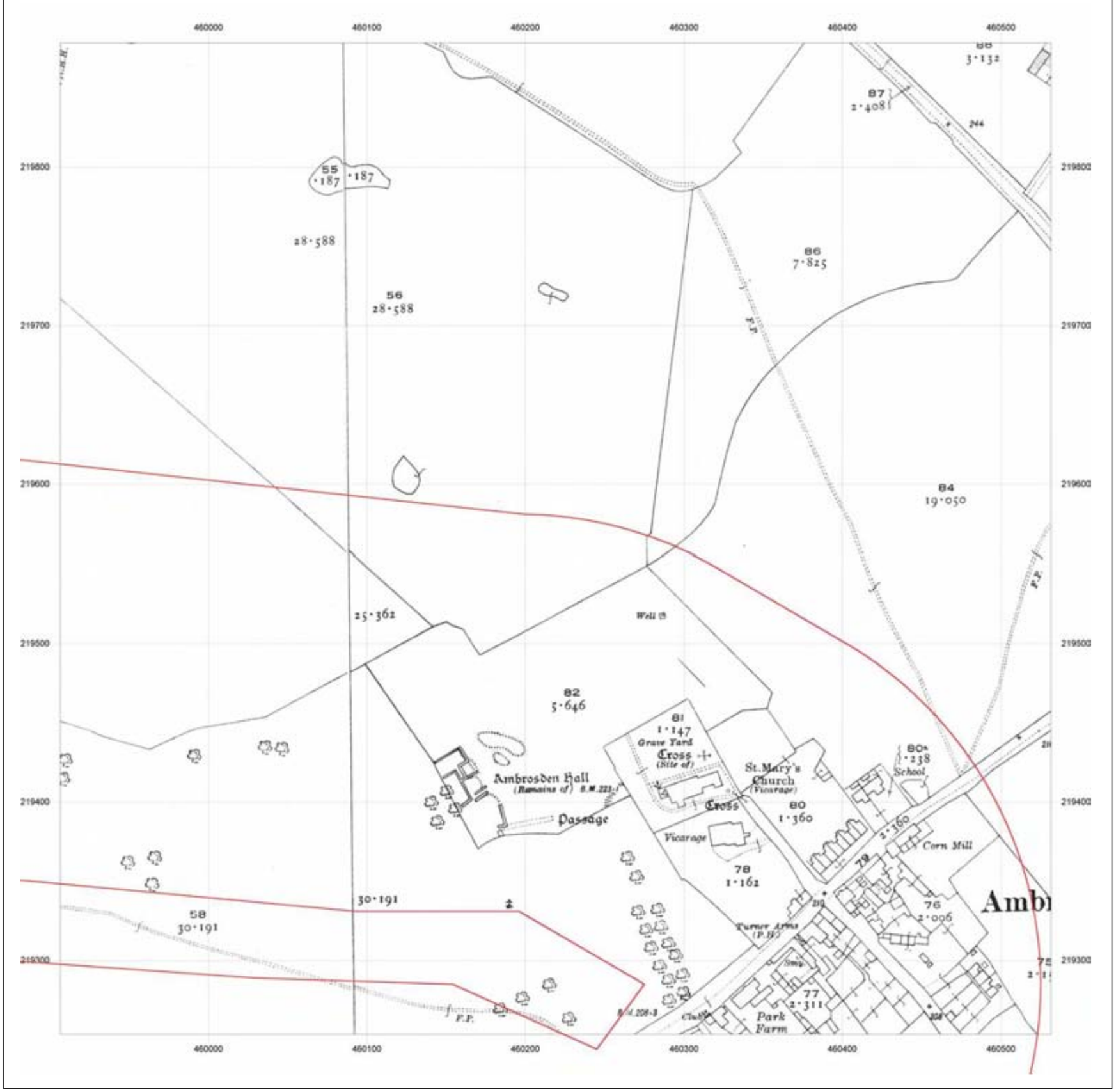
Production date:07 January 2010



Site Details:

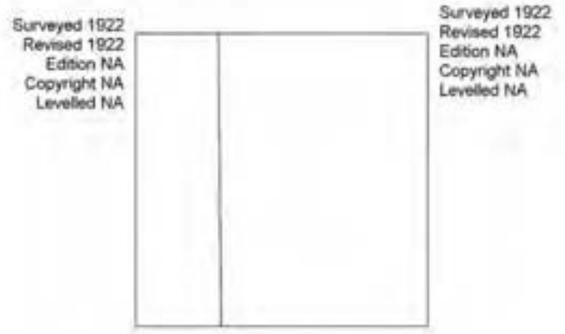
Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_E4-MM
Grid Ref: 460219, 219566

Map Name: County Series

Map date: **1922**

Scale: 1:2,500

Printed at: 1:2,500



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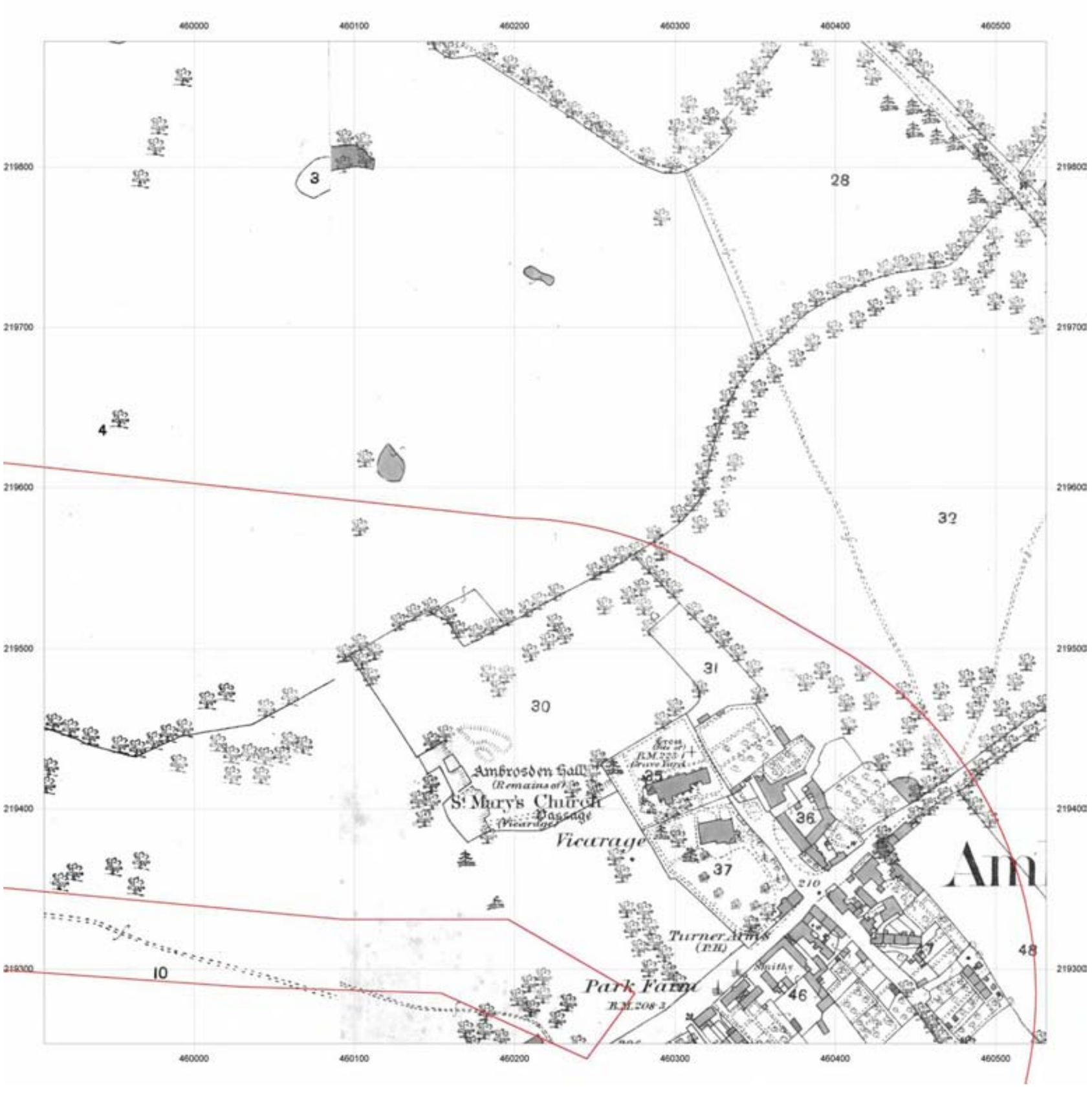
Production date:07 January 2010



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Site Details:

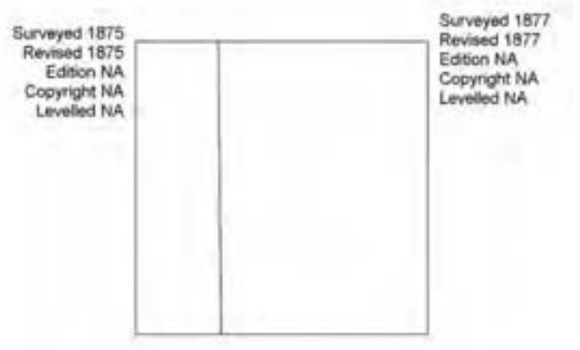
Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_E4-MM
Grid Ref: 460219, 219566

Map Name: County Series

Map date: **1875-1877**

Scale: 1:2,500

Printed at: 1:2,500



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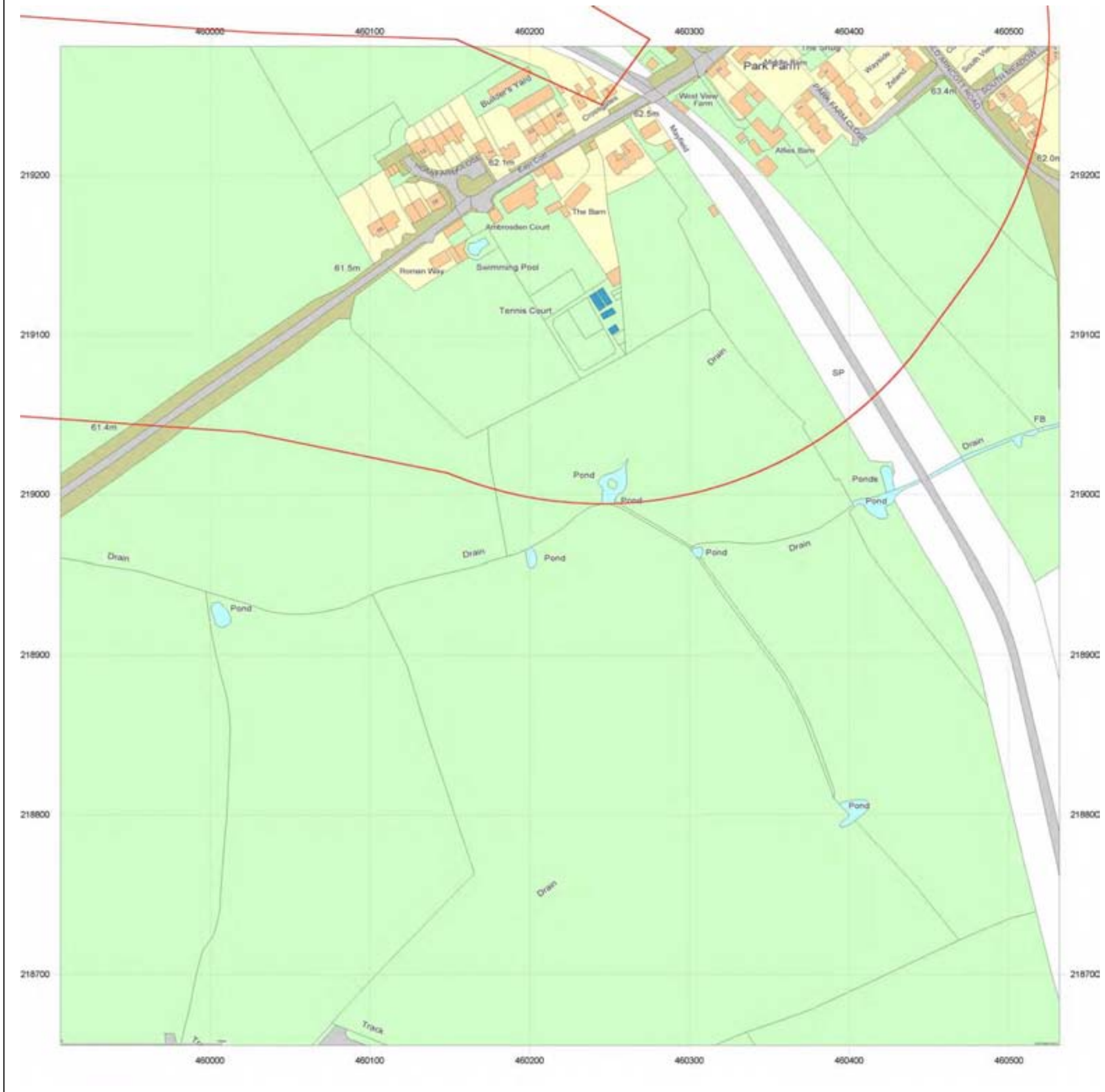
Production date:07 January 2010



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Site Details:

Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_E5-MM
Grid Ref: 460219, 218968

Map Name: MasterMap

Map date: **2009**

Scale: 1:2,500

Printed at: 1:2,500

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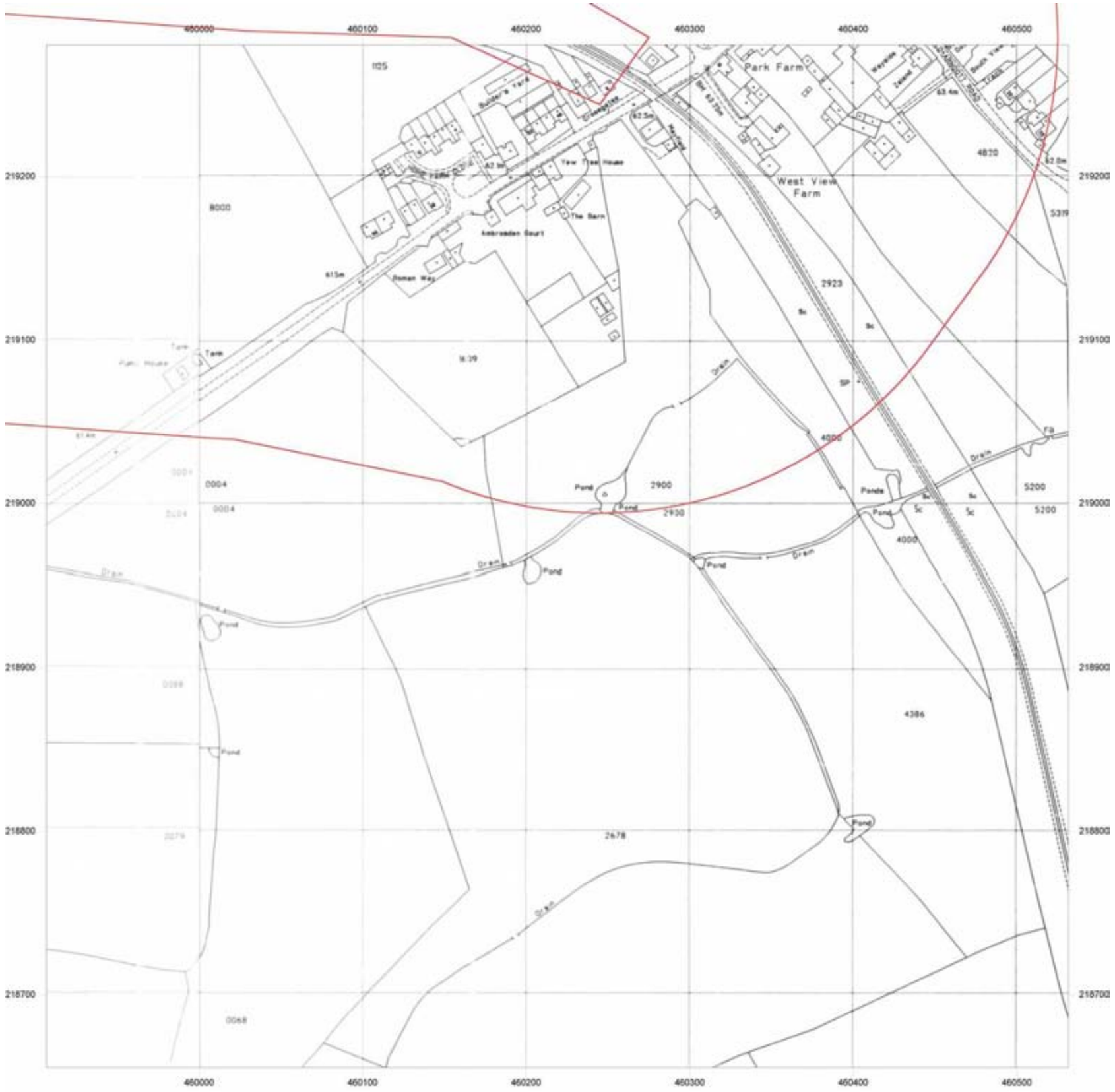
Production date:07 January 2010



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Site Details:

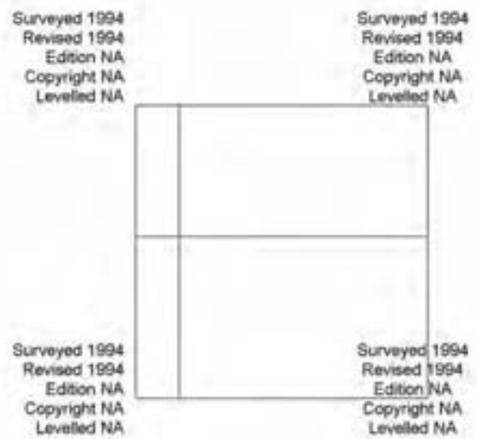
Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_E5-MM
Grid Ref: 460219, 218968

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500



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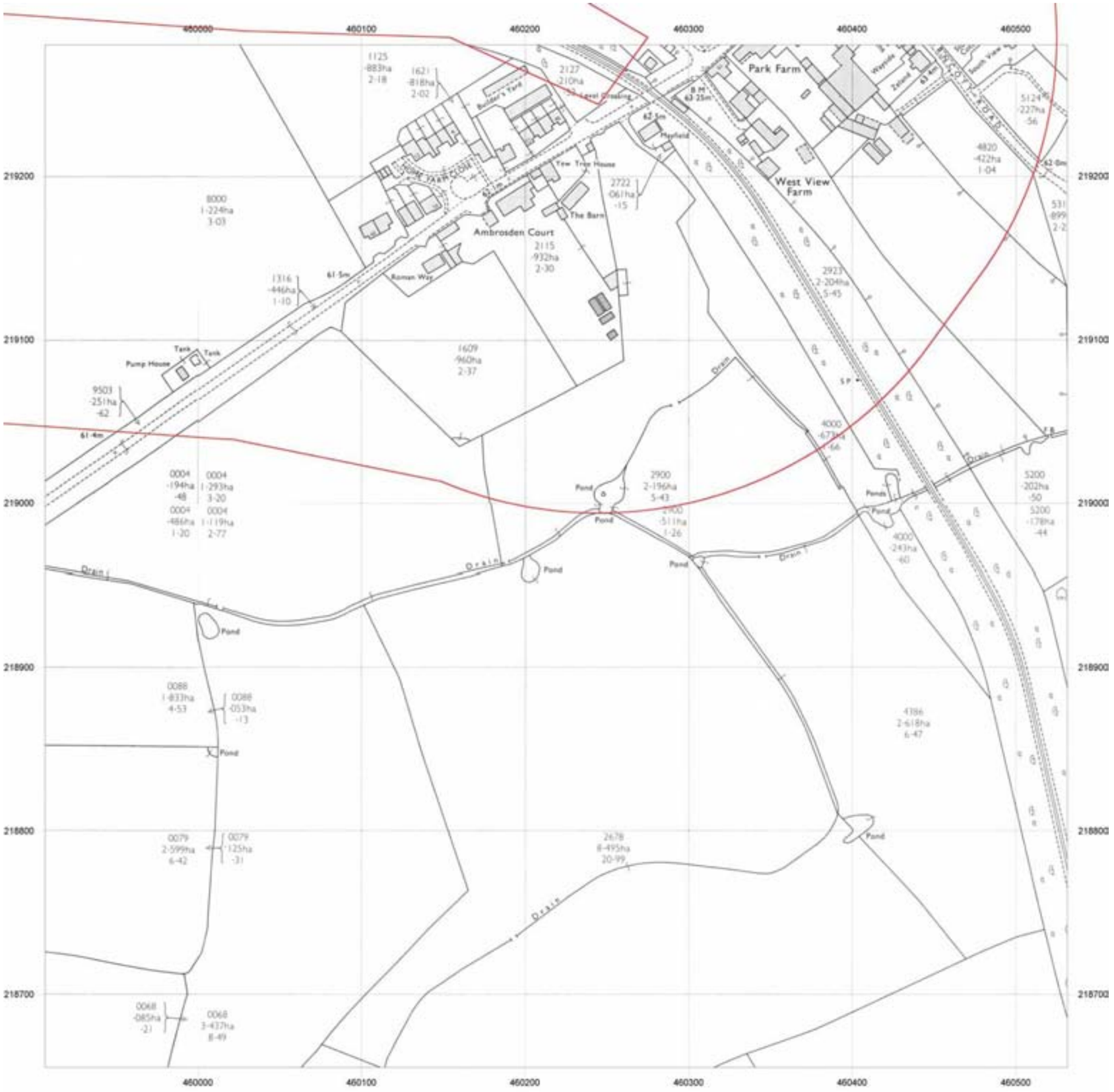

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Site Details:

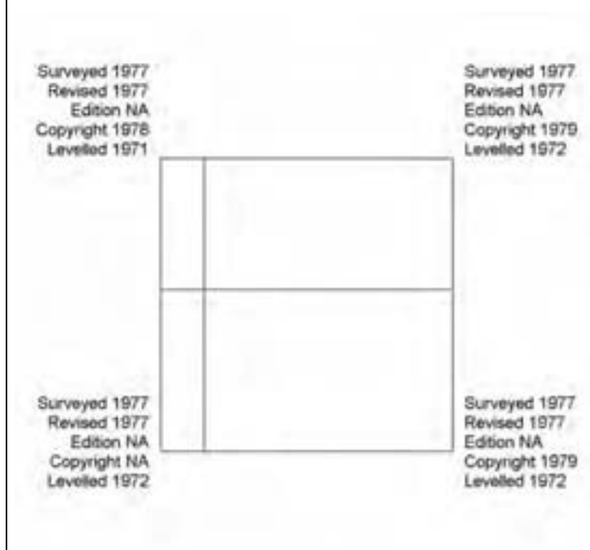
Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_E5-MM
Grid Ref: 460219, 218968

Map Name: National Grid

Map date: **1977**

Scale: 1:2,500

Printed at: 1:2,500



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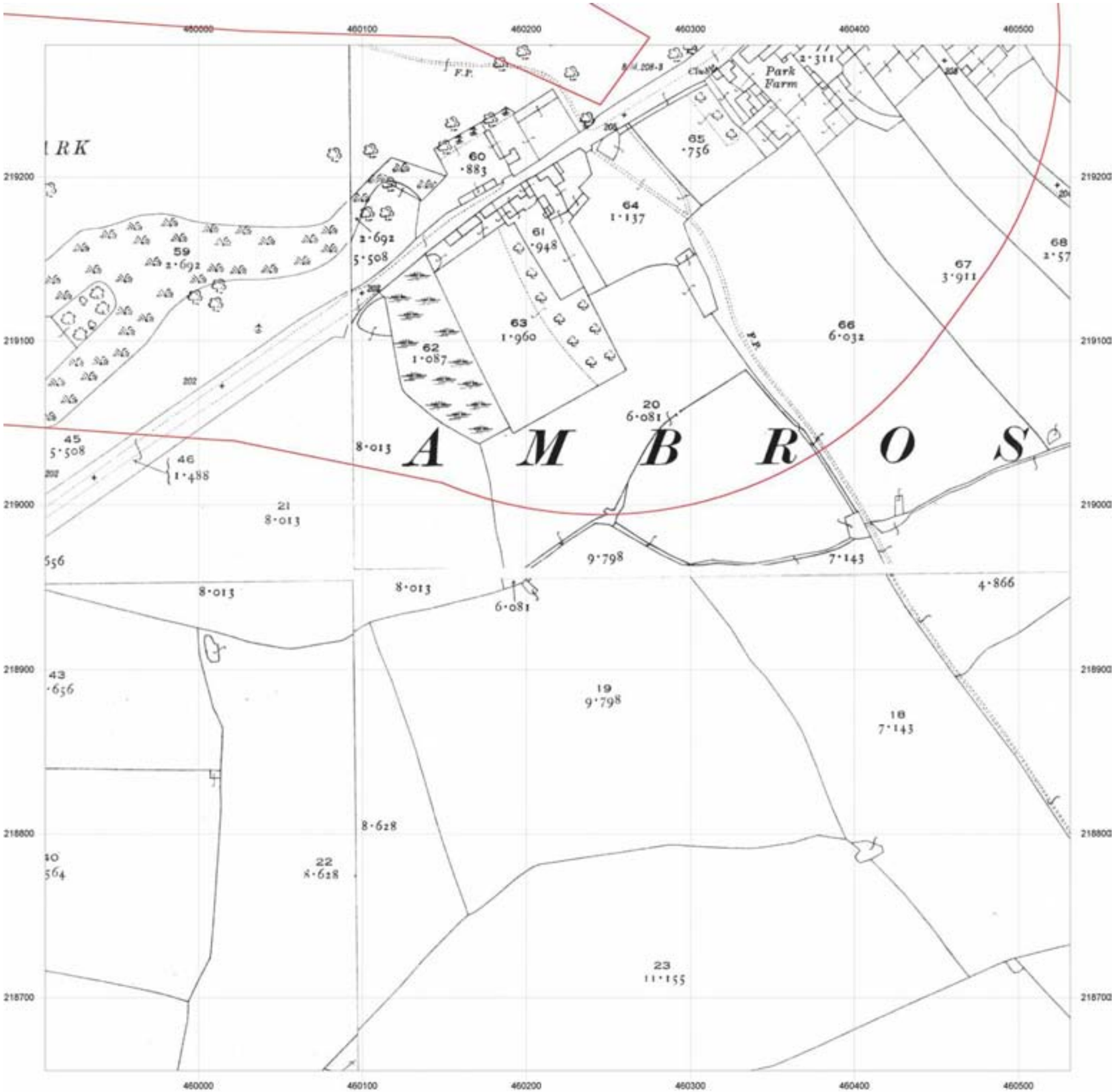
Production date:07 January 2010



emapsite™

Site Details:

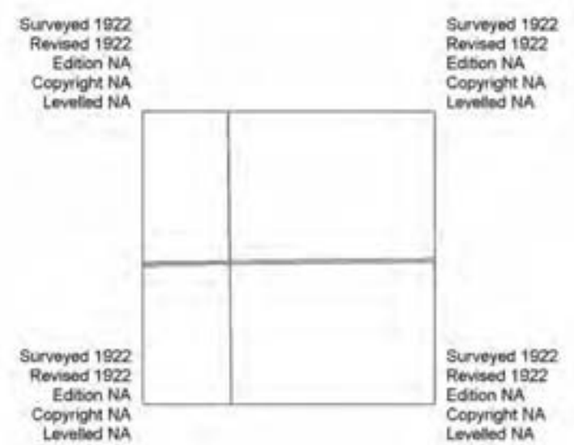
Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_E5-MM
Grid Ref: 460219, 218968

Map Name: County Series

Map date: **1922**

Scale: 1:2,500

Printed at: 1:2,500



GroundSure

Ordnance Survey Licensed Partner

Generated from GroundSure Ltd's high resolution historical mapping archive. www.groundsure.com

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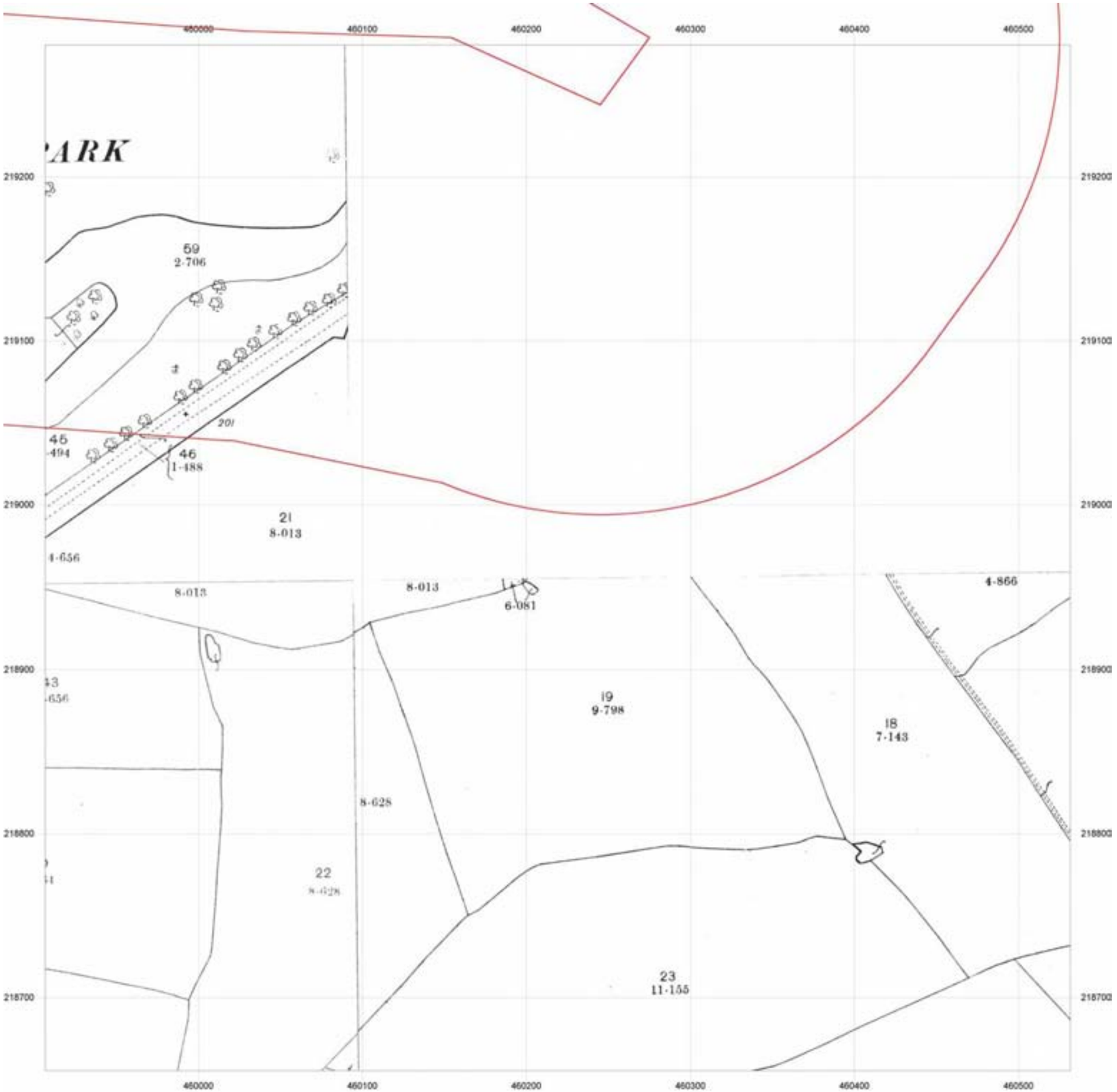
Production date:07 January 2010



emapsite™

Site Details:

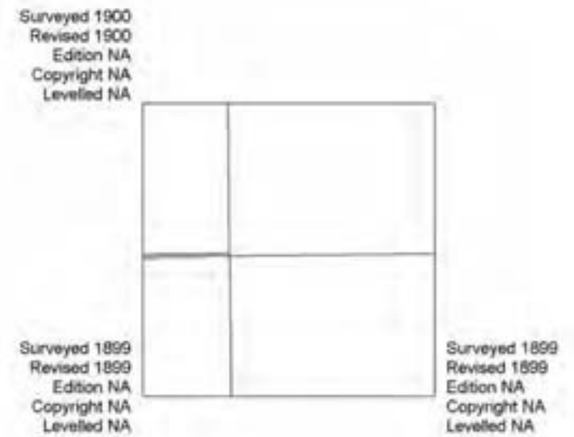
Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_E5-MM
Grid Ref: 460219, 218968

Map Name: County Series

Map date: **1899-1900**

Scale: 1:2,500

Printed at: 1:2,500



GroundSure

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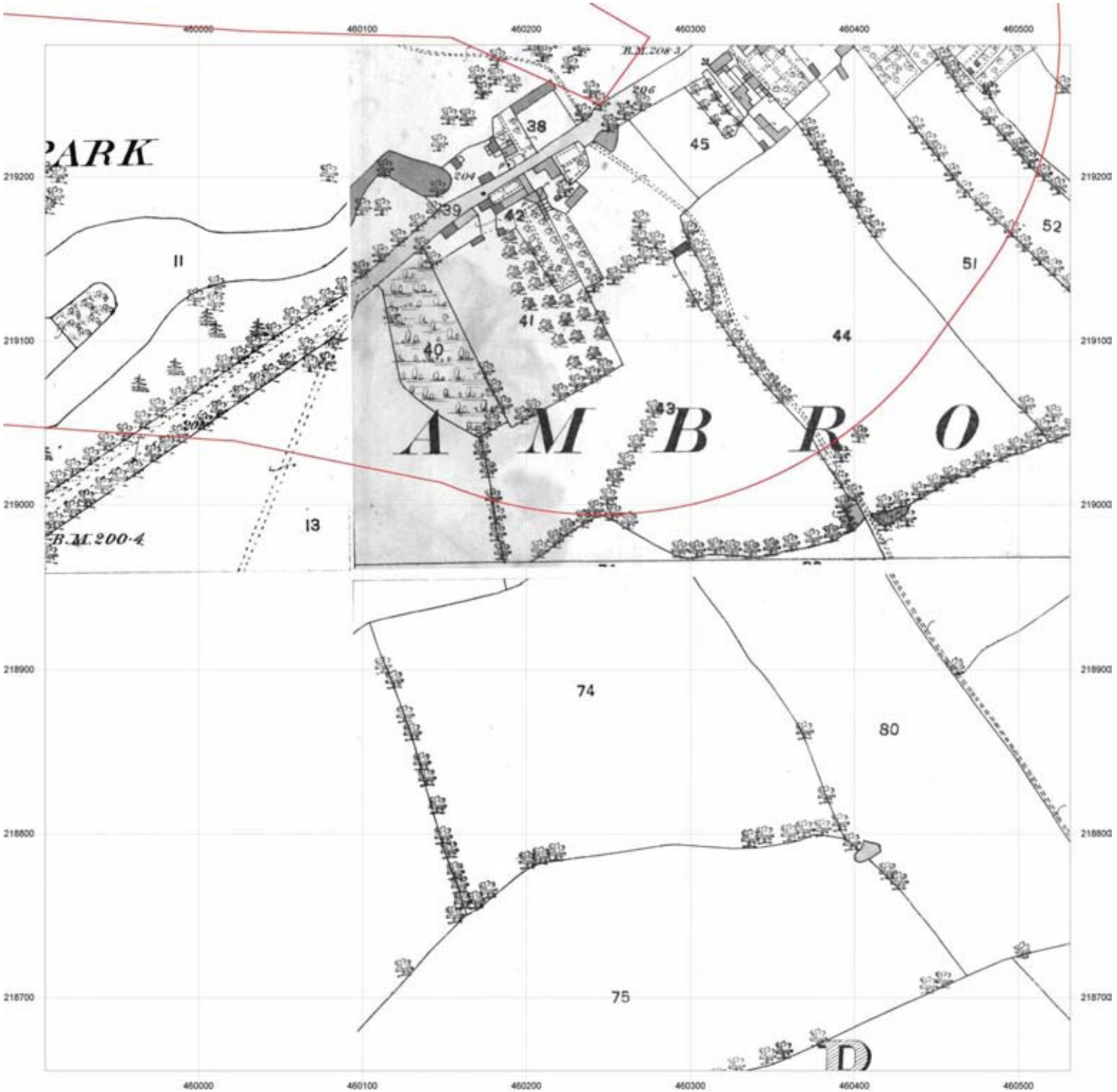
Production date:07 January 2010



emapsite™

Site Details:

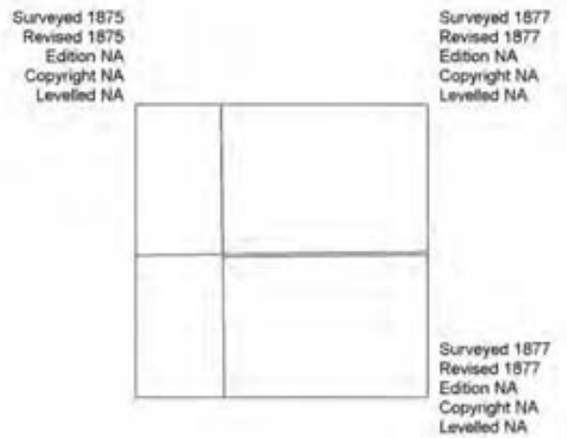
Client Ref: EMS_97881_123435
Report Ref: EMS-97881_123435_E5-MM
Grid Ref: 460219, 218968

Map Name: County Series

Map date: **1875-1877**

Scale: 1:2,500

Printed at: 1:2,500



GroundSure

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Production date:07 January 2010

Annex F
Local Authority Response

52 Pages

Environmental Services Department

Edward Potter BSc (Hons) DMS **Head of Environmental Services**

Cherwell DISTRICT COUNCIL NORTH OXFORDSHIRE

Bodicote House
Bodicote • Banbury
Oxfordshire • OX15 4AA
Telephone ***01295 252535***
Textphone 01295 221622
DX 24224 (Banbury)
http://www.cherwell-dc.gov.uk

Simon Howard
Entec UK Ltd.
Canon Court North
Abbey Lawn
Abbey Foregate
Shewsbury
Shropshire
SY2 5DE

Please ask for ***Sean Gregory*** *Our ref* ***sg 01 BicMODD&E CL*** *Your ref* ***26999-01***
Direct Dial ***01295 221622*** *Fax* ***01295 263155*** *Email* ***sean.gregory@cherwell-dc.gov.uk***

19 January 2010

Dear Simon,

RE: BICESTER MOD SITES D AND E – ENVIRONMENTAL SEARCH

Thank you for your request for information relating to the above site. Please find a report detailing the information you requested below relating to sites D and E as detailed on the drawing entitled Bicester – TLB ownership. Information relating to sites A and C will be provided under separate cover.

The information included here is gathered, in part, from the Councils access to data supplied by Landmark and the British Geological Survey and is current up to 01/04/07. All other information has been obtained from a search of records held within the Environmental Services Department.

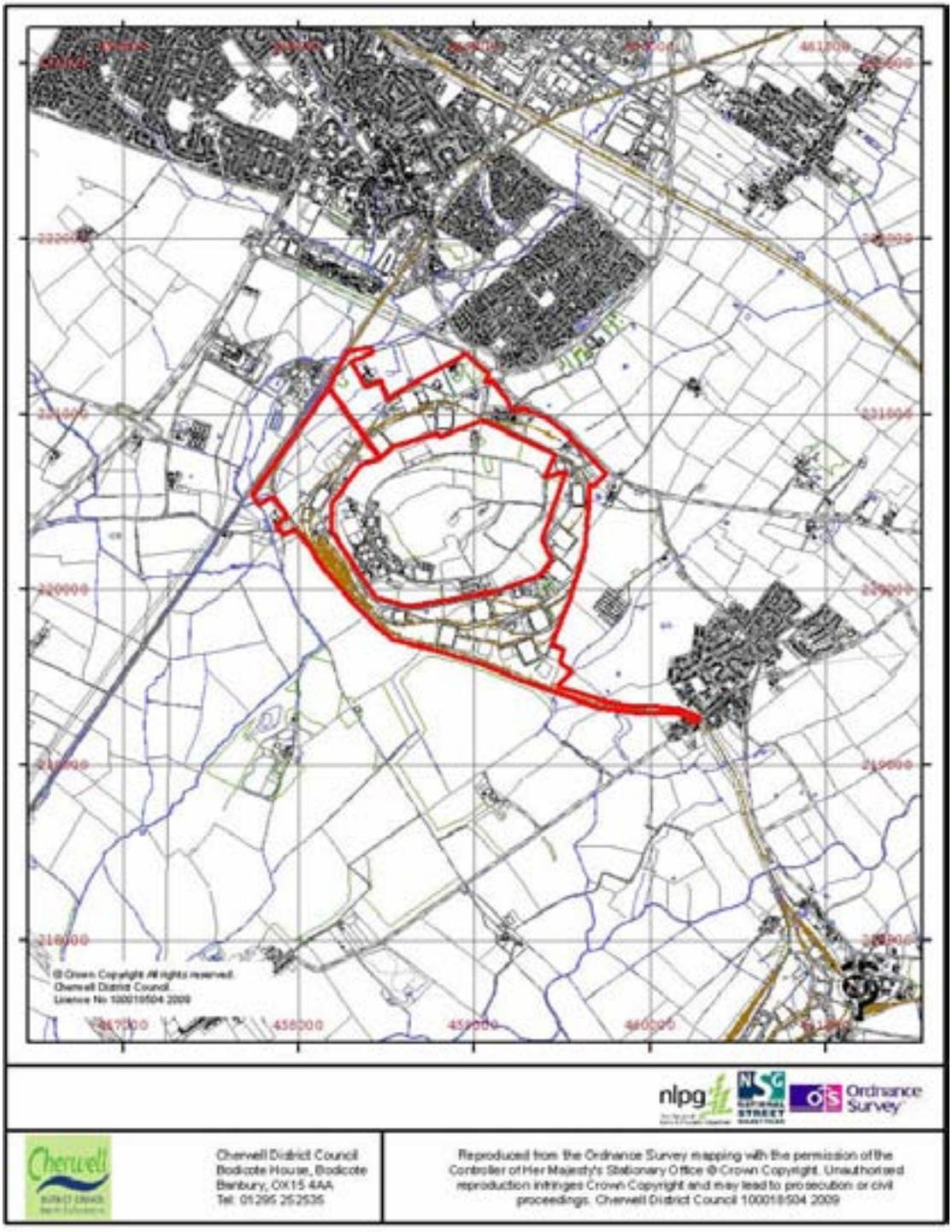
I trust this information is sufficient for your purposes.

Yours sincerely

Sean Gregory
Environmental Protection Officer

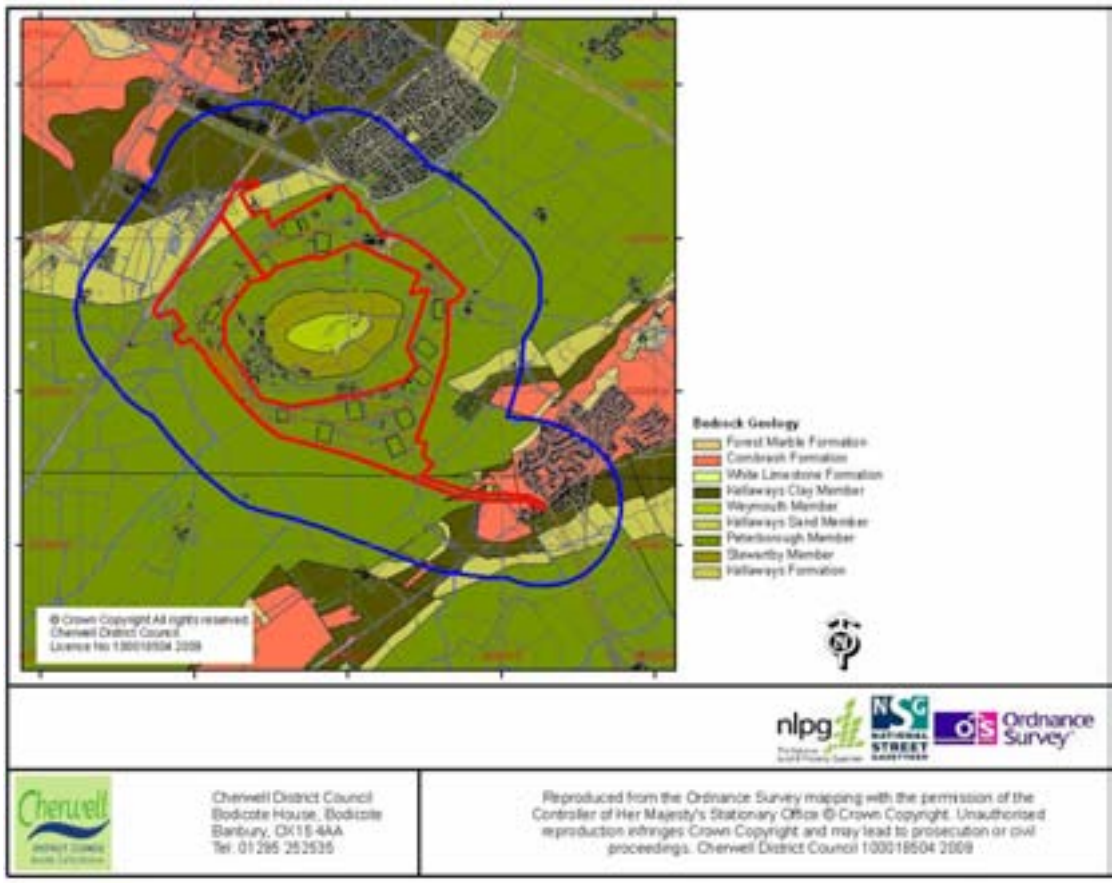
Site report

Report Name: Bicester MOD Sites D and E (Centred at 458821, 220409)
Report Number: sg 10 BicMODD&E CL



Geology

Bedrock Geology



Geological Map, British Geological Survey © NERC

The map shows the site (red) and a search radius of 500 meters (blue).

Geological maps have been extracted from the 1:50000 map series produced by the British Geological Survey.

Bedrock geology is a term used for the main mass of rocks forming the Earth's bedrock and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water. They have formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

Site Results

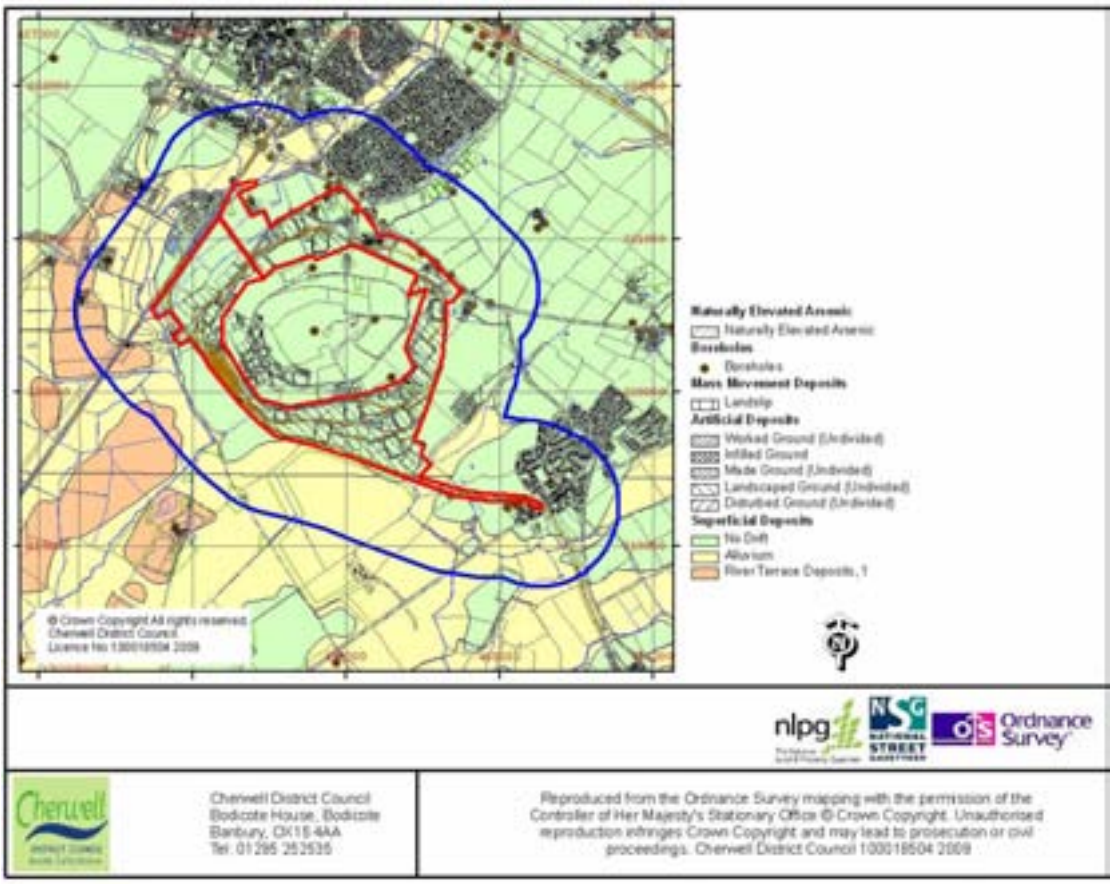
Rock Type
KELLAWAYS SAND MEMBER (SANDSTONE AND SILTSTONE, INTERBEDDED)
KELLAWAYS CLAY MEMBER (MUDSTONE)
PETERBOROUGH MEMBER (MUDSTONE)
CORNBRASH FORMATION (LIMESTONE)

Search Radius Results

Rock Type
KELLAWAYS CLAY MEMBER (MUDSTONE)
CORNBRASH FORMATION (LIMESTONE)
PETERBOROUGH MEMBER (MUDSTONE)

Rock Type
KELLAWAYS SAND MEMBER (SANDSTONE AND SILTSTONE, INTERBEDDED)
FOREST MARBLE FORMATION (LIMESTONE AND MUDSTONE, INTERBEDDED)
WEYMOUTH MEMBER (MUDSTONE)
STEWARTBY MEMBER (MUDSTONE)

Superficial, Artificial, Mass Movement Deposits, Boreholes and Naturally Occurring Arsenic



Geological Map, British Geological Survey © NERC

The map shows the site (red) and a search radius of 500 meters (blue).

Geological maps have been extracted from the 1:50000 map series produced by the British Geological Survey.

Superficial deposits is a term used by the BGS for natural deposits formed during the most recent period of geological time, the Quaternary, which extends 1.8 million years back from the present.

Artificial deposits is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Whilst artificial or man-made deposits are not part of the 'real geology' of solid and superficial deposits it does affect them and needs recording because the near surface ground conditions are important to human activities and economic development.

Borehole information has been extracted from the British Geological Survey register of boreholes.

Superficial Deposits

Site Results

Deposit Type
NO DRIFT

Deposit Type
ALLUVIUM (CLAY, SILT, SAND AND GRAVEL)

Search Radius Results

Deposit Type
NO DRIFT
RIVER TERRACE DEPOSITS, 1 (SAND AND GRAVEL)
ALLUVIUM (CLAY, SILT, SAND AND GRAVEL)

Artificial Deposits

Site Results

Deposit Type
MADE GROUND (UNDIVIDED)
LANDSCAPED GROUND (UNDIVIDED)

Search Radius Results

Deposit Type
WORKED GROUND (UNDIVIDED)
MADE GROUND (UNDIVIDED)
LANDSCAPED GROUND (UNDIVIDED)

Mass Movement Deposits

Site Results

No mass movement deposits at the site

Search Radius Results

No mass movement deposits in the search radius

Faults

Site Results

Description
Normal fault, inferred
Normal fault, inferred
Normal fault, inferred
Normal fault, inferred
Normal fault, inferred

Search Radius Results

Description
Normal fault, inferred
Normal fault, inferred
Normal fault, inferred
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Normal fault, inferred
Normal fault, inferred

Boreholes

Site Results

Ref	Name	Easting	Northing	Length(m)	Confidential
SP52SE43	C.O.D.BICESTER BH1	458800	0221200	10	N
SP52SE44	C.O.D.BICESTER BH1	458800	0221200	10	N
SP52SE45	C.O.D.BICESTER BH1	458200	0220300	10	N
SP52SE46	C.O.D.BICESTER BH2	458200	0220300	9	N
SP52SE47	C.O.D.BICESTER BH3	458200	0220300	10	N
SP52SE48	C.O.D.BICESTER BH4	458200	0220300	10	N
SP52SE71	COD BICESTER E SITE TP 1	458200	0220300	3	N
SP52SE104	BICESTER SOUTHERN BYPASS TP 18	458954	0221320	1	N
SP52SE107	BICESTER SOUTHERN BYPASS TP 21	459063	0221171	1	N
SP52SE111	BICESTER SOUTHERN BYPASS TP 25	459494	0220910	1	N
SP52SE113	BICESTER SOUTHERN BYPASS TP 27	459600	0220810	2	N

Search Radius Results

Ref	Name	Easting	Northing	Length(m)	Confidential
SP51NE256	AMBROSEDEN	459680	0219330	-1	N
SP61NW129	4-5,NEW ROW AMBROSDEN	460340	0219410	4.26	N
SP61NW130	OLD POST OFFICE AMBROSDEN	460380	0219340	6.09	N
SP61NW134	PARK FARM COTTAGES AMBROSEDEN	460210	0219200	-1	N
SP61NW135	THE TURNER ARMS AMBROSEDEN	460380	0219310	2.43	N
SP61NW139	MERTON ROAD -	460054	0219249	-1	Y

Ref	Name	Easting	Northing	Length(m)	Confidential
SP61NW140	AMBROSDEN TP1 MERTON ROAD - AMBROSDEN TP2	460106	0219275	-1	Y
SP61NW141	MERTON ROAD - AMBROSDEN TP3	460140	0219251	-1	Y
SP52SE1	BICESTER 1	458783	0220812	513.89	N
SP52SE10	GRAVEN HILL BICESTER	459190	0220480	88.39	N
SP52SE27/A	ENHANCEMENT OF WATER SIPPLIES BICESTER B4	458800	0220400	1.4	N
SP52SE27/B	ENHANCEMENT OF WATER SIPPLIES BICESTER B6	458800	0220400	2	N
SP52SE27/C	ENHANCEMENT OF WATER SIPPLIES BICESTER D2	458800	0220400	1.2	N
SP52SE27/D	ENHANCEMENT OF WATER SIPPLIES BICESTER D5	458800	0220400	2	N
SP52SE27/E	ENHANCEMENT OF WATER SIPPLIES BICESTER D6	458800	0220400	1.4	N
SP52SE27/F	ENHANCEMENT OF WATER SIPPLIES BICESTER D7	458800	0220400	1.2	N
SP52SE27/G	ENHANCEMENT OF WATER SIPPLIES BICESTER D9	458800	0220400	1.4	N
SP52SE27/H	ENHANCEMENT OF WATER SIPPLIES BICESTER D11	458800	0220400	1.5	N
SP52SE28	PROMISED LAND FARM BICESTER OXON	457450	0220860	15.24	N
SP52SE72	COD BICESTER NEW FIRE STN TP 1	459300	0220100	3	N
SP52SE73	COD BICESTER NEW FIRE STN TP 2	459300	0220100	3	N
SP52SE74	COD BICESTER NEW FIRE STN TP 3	459300	0220100	3	N
SP52SE75	SEWAGE TREATMENT WORKS BH421/1	458270	0221380	6	N
SP52SE76	SEWAGE TREATMENT WORKS BH421/2	458270	0221380	6	N
SP52SE77	SEWAGE TREATMENT WORKS BH421/3	458270	0221380	7.2	N
SP52SE78	SEWAGE TREATMENT WORKS BH421/4	458270	0221380	11	N
SP52SE79	SEWAGE TREATMENT WORKS BH421/5	458270	0221380	10.2	N
SP52SE80	SEWAGE TREATMENT WORKS BH421/6	458270	0221380	9	N
SP52SE81	SEWAGE TREATMENT WORKS BH421/7	458270	0221380	10	N
SP52SE82	SEWAGE TREATMENT WORKS BH421/8	458270	0221380	8	N
SP52SE90	BICESTER SOUTHERN BYPASS 4	458136	0221748	5	N
SP52SE91	BICESTER SOUTHERN BYPASS 5	458318	0221670	6.2	N
SP52SE92	BICESTER SOUTHERN BYPASS 6	458350	0221688	6	N
SP52SE93	BICESTER SOUTHERN	458430	0221626	7.4	N

Ref	Name	Easting	Northing	Length(m)	Confidential
	BYPASS 7				
SP52SE94	BICESTER SOUTHERN BYPASS 8	458445	0221630	15.45	N
SP52SE95	BICESTER SOUTHERN BYPASS 9	458456	0221600	25	N
SP52SE96	BICESTER SOUTHERN BYPASS 10	458465	0221610	7.95	N
SP52SE97	BICESTER SOUTHERN BYPASS 11	458573	0221598	8.15	N
SP52SE98	BICESTER SOUTHERN BYPASS 12	458514	0221536	8.35	N
SP52SE99	BICESTER SOUTHERN BYPASS 13	458698	0221488	8.5	N
SP52SE100	BICESTER SOUTHERN BYPASS TP 14	458812	0221446	2	N
SP52SE101	BICESTER SOUTHERN BYPASS TP 15	458890	0221344	2	N
SP52SE102	BICESTER SOUTHERN BYPASS TP 16	458898	0221427	2	N
SP52SE103	BICESTER SOUTHERN BYPASS TP 17	458950	0221364	1	N
SP52SE105	BICESTER SOUTHERN BYPASS 19	459115	0221296	10	N
SP52SE106	BICESTER SOUTHERN BYPASS TP 20	459135	0221182	1	N
SP52SE108	BICESTER SOUTHERN BYPASS 22	459178	0221180	10	N
SP52SE109	BICESTER SOUTHERN BYPASS TP 23	459177	0221146	1	N
SP52SE110	BICESTER SOUTHERN BYPASS TP 24	459241	0221101	2	N
SP52SE112	BICESTER SOUTHERN BYPASS TP 26	459588	0220848	2	N
SP52SE114	BICESTER SOUTHERN BYPASS TP 28	459684	0220760	1	N
SP52SE115	BICESTER SOUTHERN BYPASS TP 29	459760	0220668	1	N
SP52SE116	BICESTER SOUTHERN BYPASS TP 30	459944	0220582	1	N
SP52SE159	ALCHESTER HOUSE LANGFORD LANE	457570	0220320	25	N
SP52SE162	LANGFORD FARM BICESTER	458380	0221250	39.62	N
SP52SE167	PROMISED LAND FARM NR.BICESTER	457270	0220600	-1	N
SP52SE168	MIDDLE WRETCHWICK FARM BICESTER	459700	0221310	-1	N
SP52SE169	WRETCHWICK FARM BICESTER	459830	0220570	-1	N
SP52SE218	ROYAL ORDNANCE BICESTER OXFORDSHIRE 1	458790	0221480	9.5	N

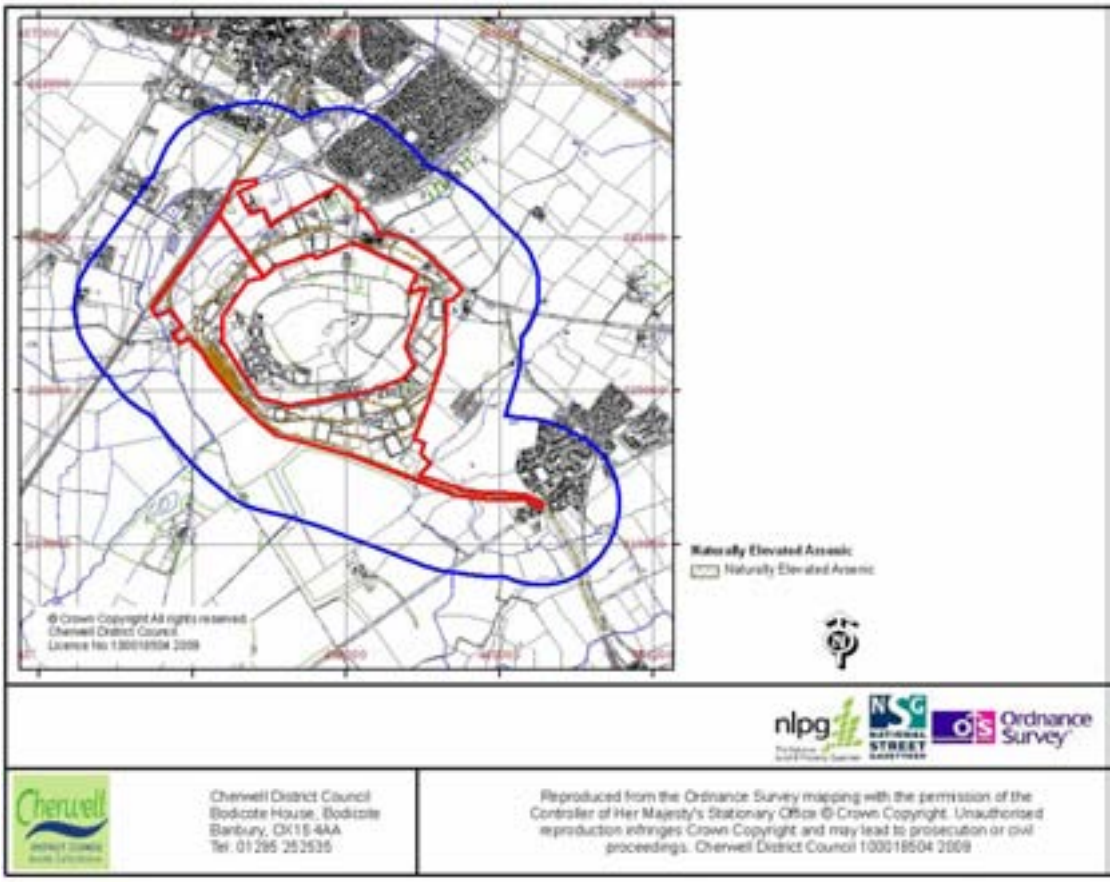
For more information on a particular borehole contact:

Borehole Records Enquiries
British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG

Tel: 0115 9363109
http://www.bgs.ac.uk/enquiries/bharch.html

All depths are in metres. A depth of '-1' indicates that either the depth is unknown or that the borehole is confidential.

Naturally Occurring Arsenic



Geological Map, British Geological Survey © NERC

The map shows the site (red) and a search radius of 500 meters (blue).

The map showing areas of naturally elevated arsenic was derived from the BGS Bedrock Geology map.

Naturally Elevated Arsenic

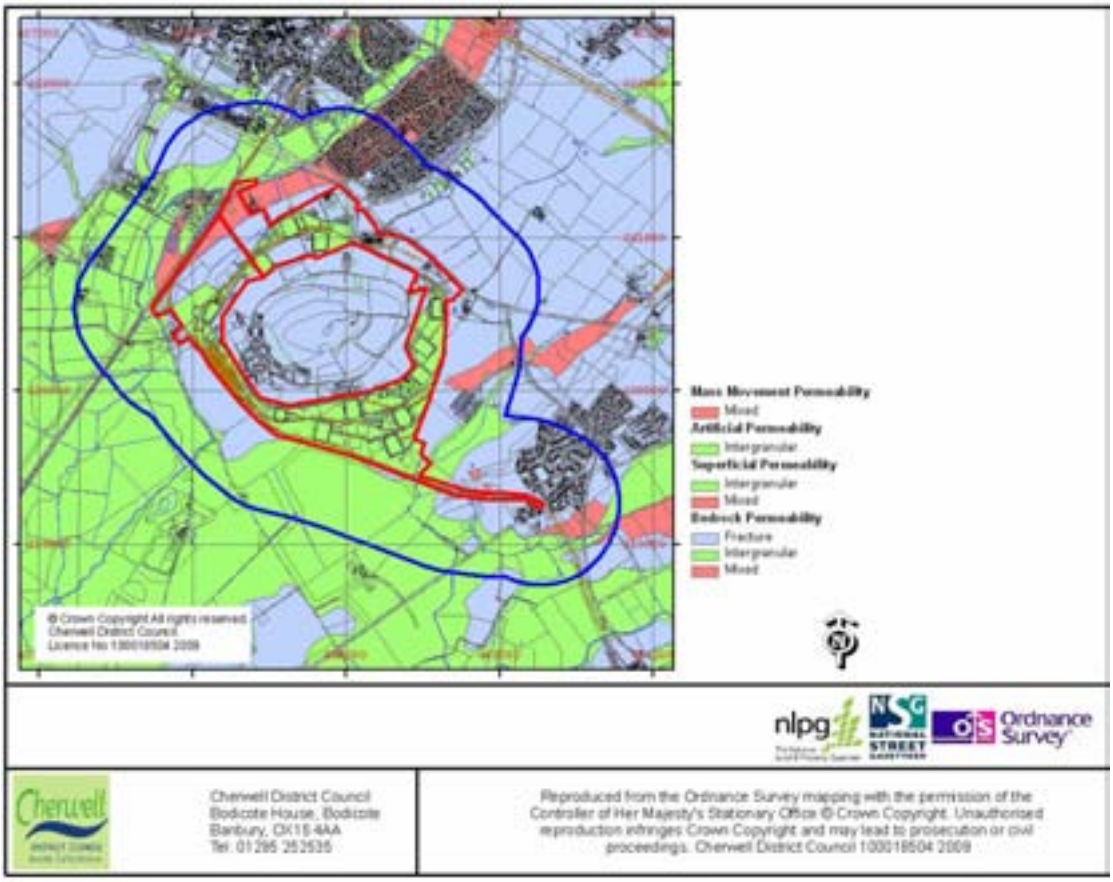
Site Results

No naturally elevated arsenic at the site

Search Radius Results

No naturally elevated arsenic in the search radius

Permeability of Rocks



Geological Map, British Geological Survey © NERC

The map shows the site (red) and a search radius of 500 meters (blue).

Permeability refers to the movement of water, and other fluids, through rocks and the potential for contamination of the underground fresh water supply. Permeability values indicate the vulnerability of the rock to groundwater pollution from the surface and are a measure of the fastest route by which any pollutant could travel through rocks and enter the underground water resource.

Bedrock Permeability

Site Results

Flow Type
Fracture
Mixed

Search Radius Results

Flow Type
Fracture
Mixed

Superficial Permeability

Site Results

Flow Type
Intergranular

Search Radius Results

Flow Type
Intergranular

Artificial Permeability

Site Results

Flow Type
Intergranular

Search Radius Results

Flow Type
Intergranular

Mass Movement Permeability

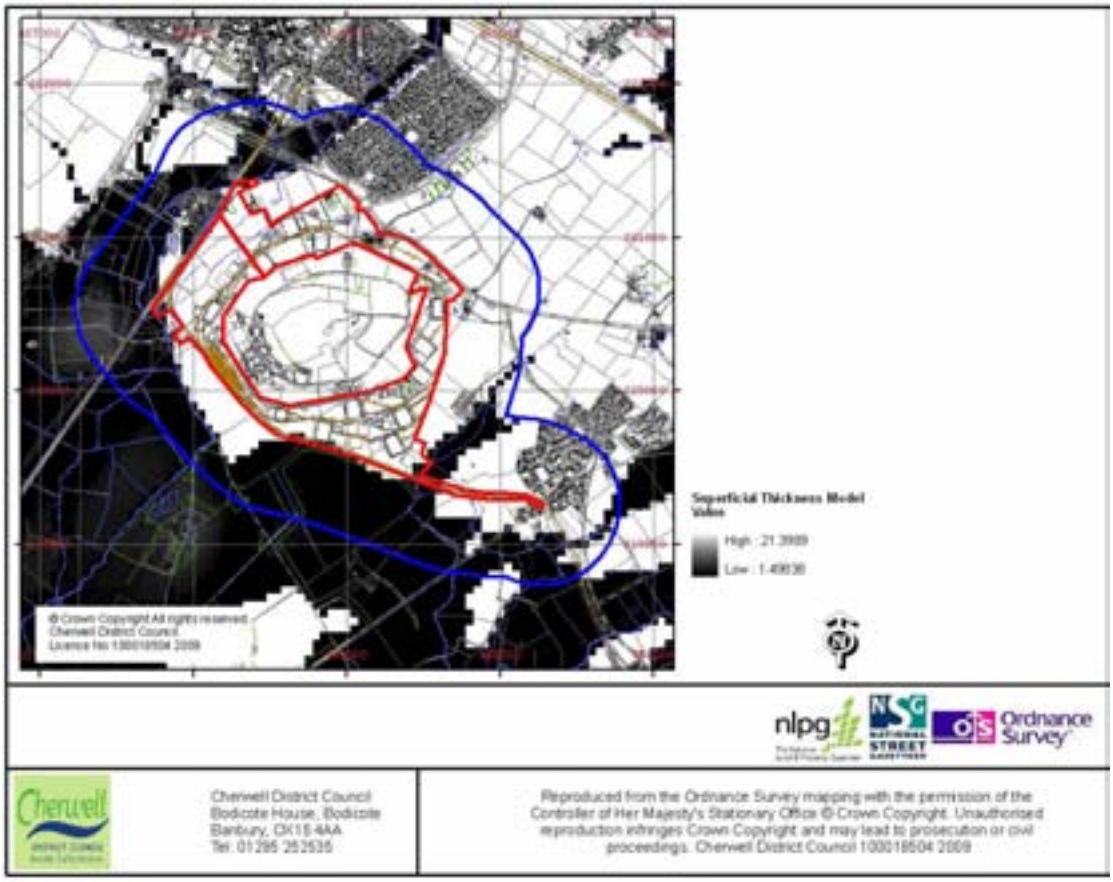
Site Results

No mass movement permeability ratings in the search radius

Search Radius Results

No mass movement permeability ratings in the search radius

Superficial Thickness

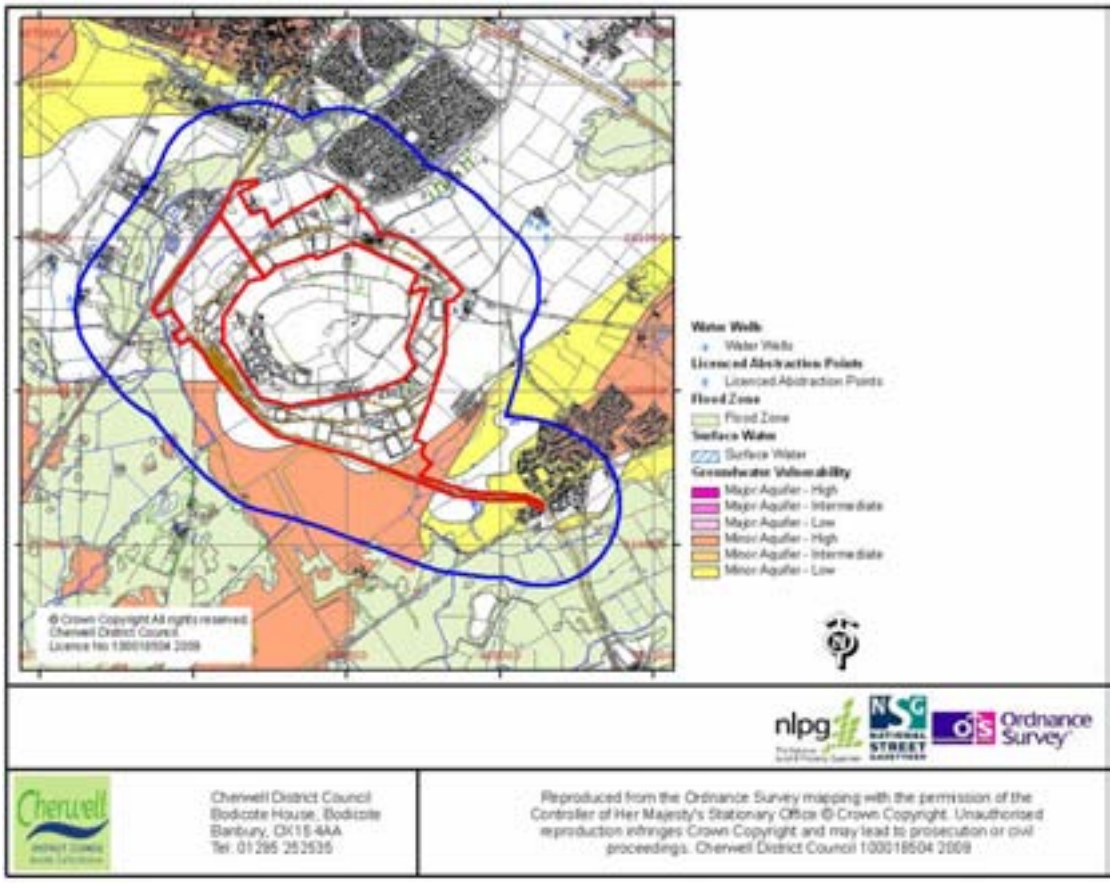


Geological Map, British Geological Survey © NERC

The map shows the site (red) and a search radius of 500 meters (blue).

The superficial thickness elevation model represents the first attempt by BGS to create nationwide models of such data. The models provide only a simple, mathematical interpretation of reality. The complexity of Superficial deposits in Great Britain is such that it is only possible to model indicative values of thickness and elevation. The models should never be used as a substitute for thorough site investigation.
For the purposes of modelling, superficial deposits include sediments deposited during the Quaternary, subsequent Holocene rivers and coastal systems and also modern anthropogenic material. i.e. deposits that are less than 2.6 million years old.

Hydrology



Groundwater Vulnerability and Water Abstraction Licences © Environment Agency

The map shows the site (red) and a search radius of 500 meters (blue).

The British Geological Survey holds a register of both used and disused water wells at it's office in Wallingford, Oxfordshire which date back over 150 years. This register has been interrogated to produce the water well information. Depth information recorded for water wells is measured in metres.

Surface water information was derived from Os MasterMap.

Groundwater vulnerability and Water Abstractions Licenses information comes from the Environment Agency.

Surface Water

Site Results

Description
Inland Water
Inland Water
Inland Water
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Description
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Search Radius Results

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Description
Inland Water
Inland Water
Inland Water
Inland Water
Inland Water

Water Wells

Site Results

No water wells present at the site

Search Radius Results

Reference	Location	Easting	Northing	Depth(m)	Year
SP52SE168/BJ	MIDDLE WRETCHWICK FARM BICESTER	459700	221310	0	
SP52SE10/BJ	GRAVEN HILL BICESTER	459200	220480	88.4	1941
SP52SE169/BJ	WRETCHWICK FARM BICESTER	459830	220570	0	
SP52SE28/BJ	PROMISED LAND FARM ALCESTER	457450	220860	15.2	1983
SP51NE256/BJ	AMBROSEDEN	459680	219330	0	
SP52SE167/BJ	PROMISED LAND FARM , CHESTERTON	457270	220600	3.7	
SP61NW129/BJ	4-5,NEW ROW AMBROSDEN	460340	219410	4.3	
SP61NW130/BJ	OLD POST OFFICE AMBROSDEN	460380	219340	6.1	
SP61NW134/BJ	PARK FARM COTTAGES AMBROSEDEN	460210	219200	0	
SP61NW135/BJ	THE TURNER ARMS AMBROSEDEN	460380	219310	2.4	
SP52SE159/BJ	ALCHESTER HOUSE	457570	220320	25	1995
SP52SE162/BJ	LANGFORD FARM BICESTER	458380	221250	39.6	

Private Water Wells

Site Results

No private water wells present at the site

Search Radius Results

Address1	Address2	Address 3	National Grid Reference	Supply Type	Supply Use
Langford Lane Crossing*	Wendlebury	Bicester	SP5758020303	Borehole	
Promised Land Farm	Wendlebury Road	Chesterton	SP5727320603	Shallow Well	

Water Abstraction Sites

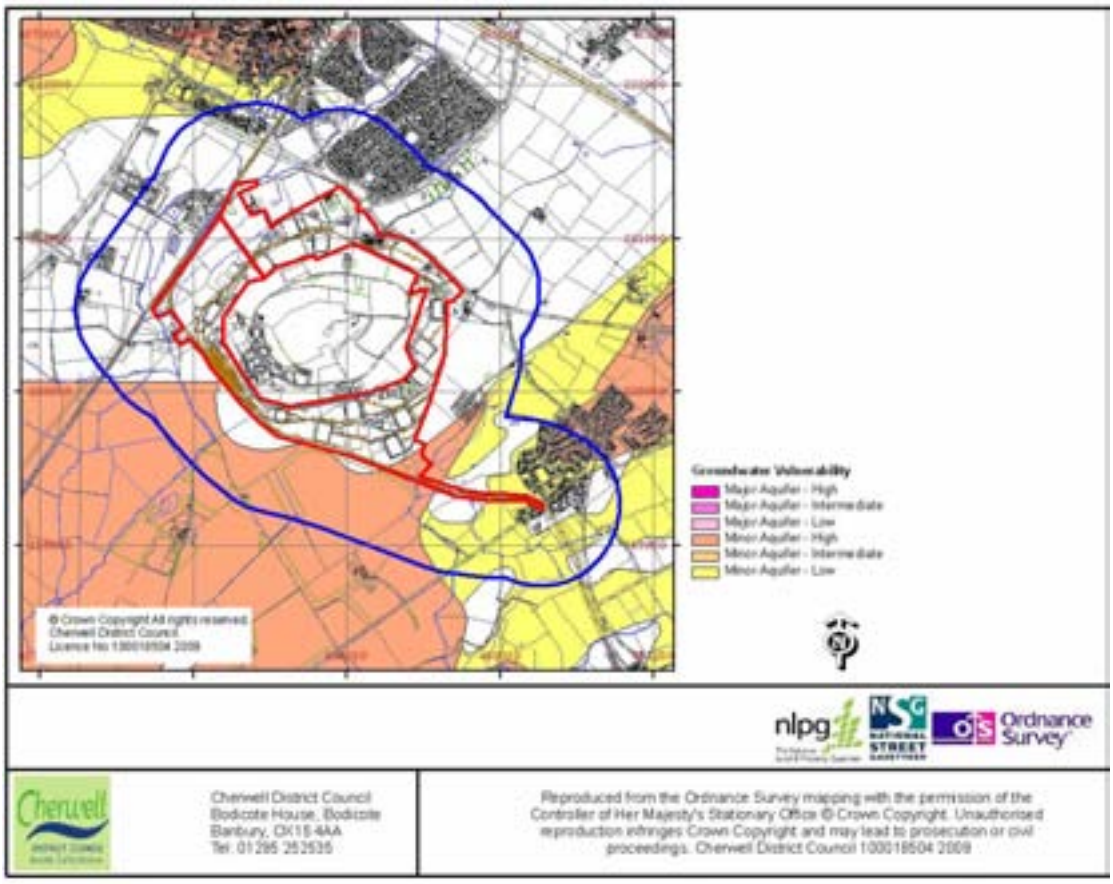
Site Results

No EA licensed water abstraction sites at the site

Search Radius Results

License	Name	Point Name	Easting	Northing	Use
28/39/14/0295	FACCENDA CHICKEN LTD	WENDLEBURY LANE, BICESTER (A)	457400	220800	General Farming & Domestic
28/39/14/0295		WENDLEBURY LANE, BICESTER (A)	457400	220800	

Groundwater Vulnerability



Groundwater Vulnerability data © Environment Agency

The map shows the site (red) and a search radius of 500 meters (blue).

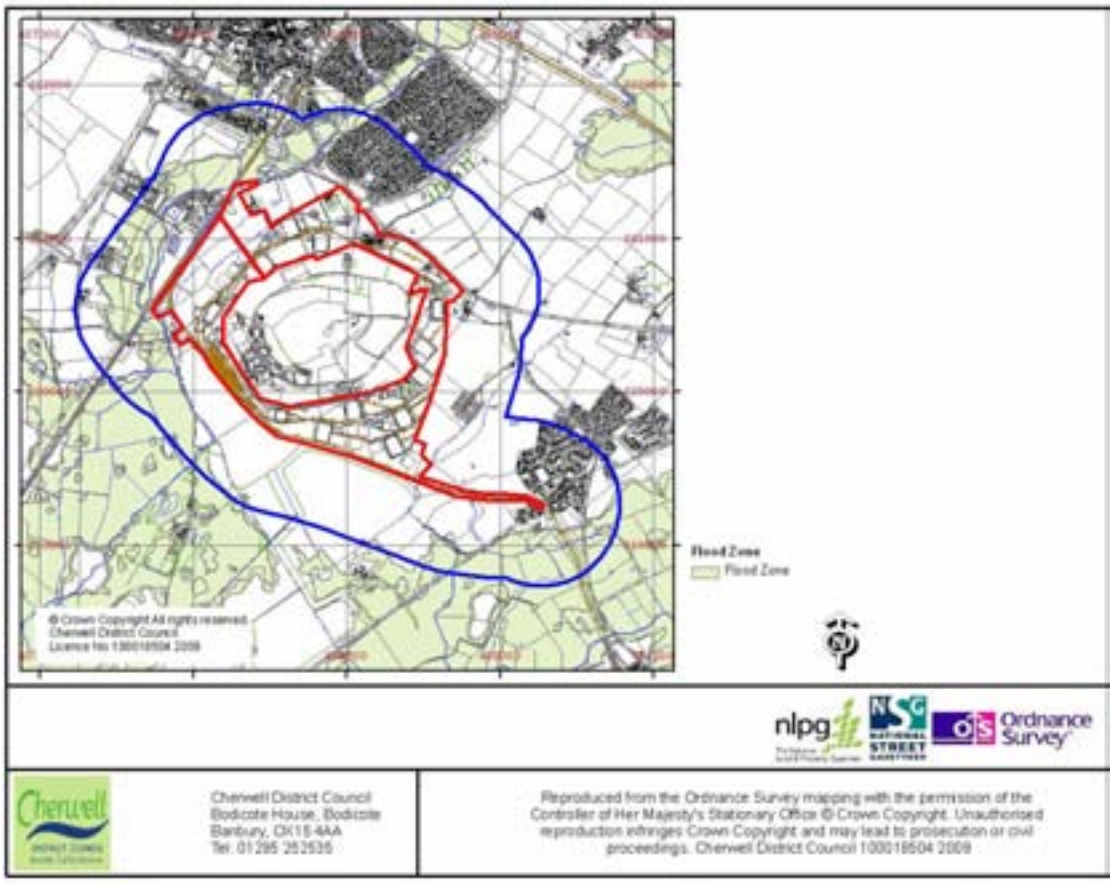
Site Results

Classification
Minor Aquifer - Low
Minor Aquifer - High 1

Search Radius Results

Classification
Minor Aquifer - High 1
Minor Aquifer - Low

Flood Zone



Flood Zone data © Environment Agency

The map shows the site (red) and a search radius of 500 meters (blue).

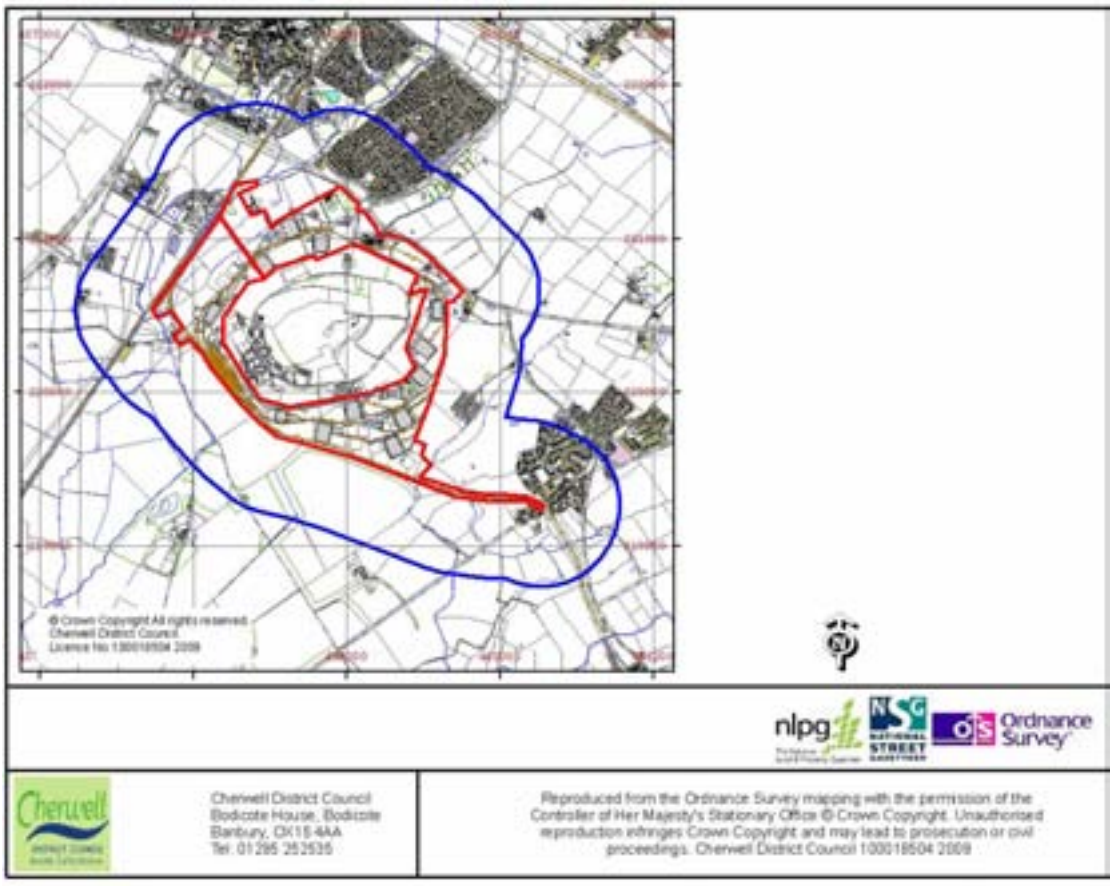
Site Results

Zone Name
ZONE3
ZONE2

Search Radius Results

Zone Name
ZONE3
ZONE2

Current Land Use



The map shows the site (red) and a search radius of 500 meters (blue).

The current land use (c.2005) information is based on information from OS MasterMap, OS Address Point and Aerial photographs.

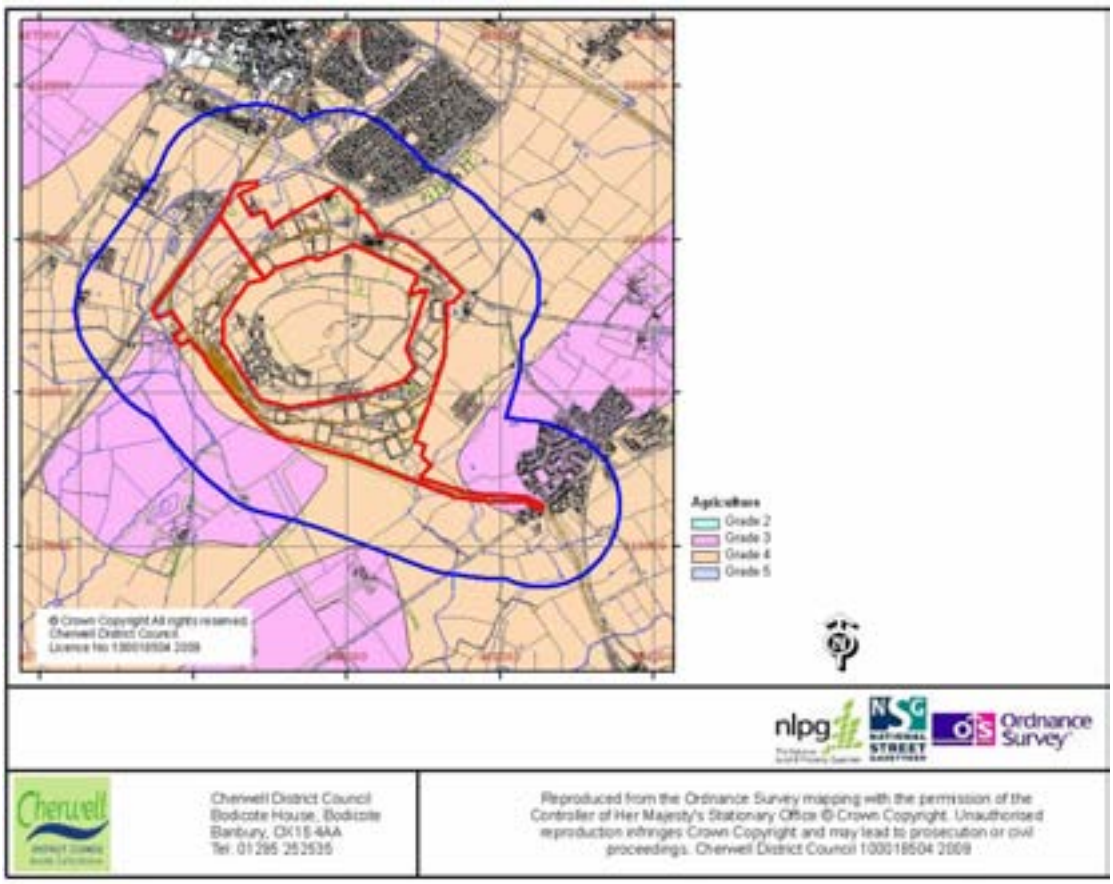
Site Results

Land use
Industrial/Commercial
Sensitive Open Areas
Residential Property
Residential Garden

Search Radius Results

Land use
Industrial/Commercial
Residential Property
Residential Garden
Sensitive Open Areas
Education

Agriculture



The map shows the site (red) and a search radius of 500 meters (blue).

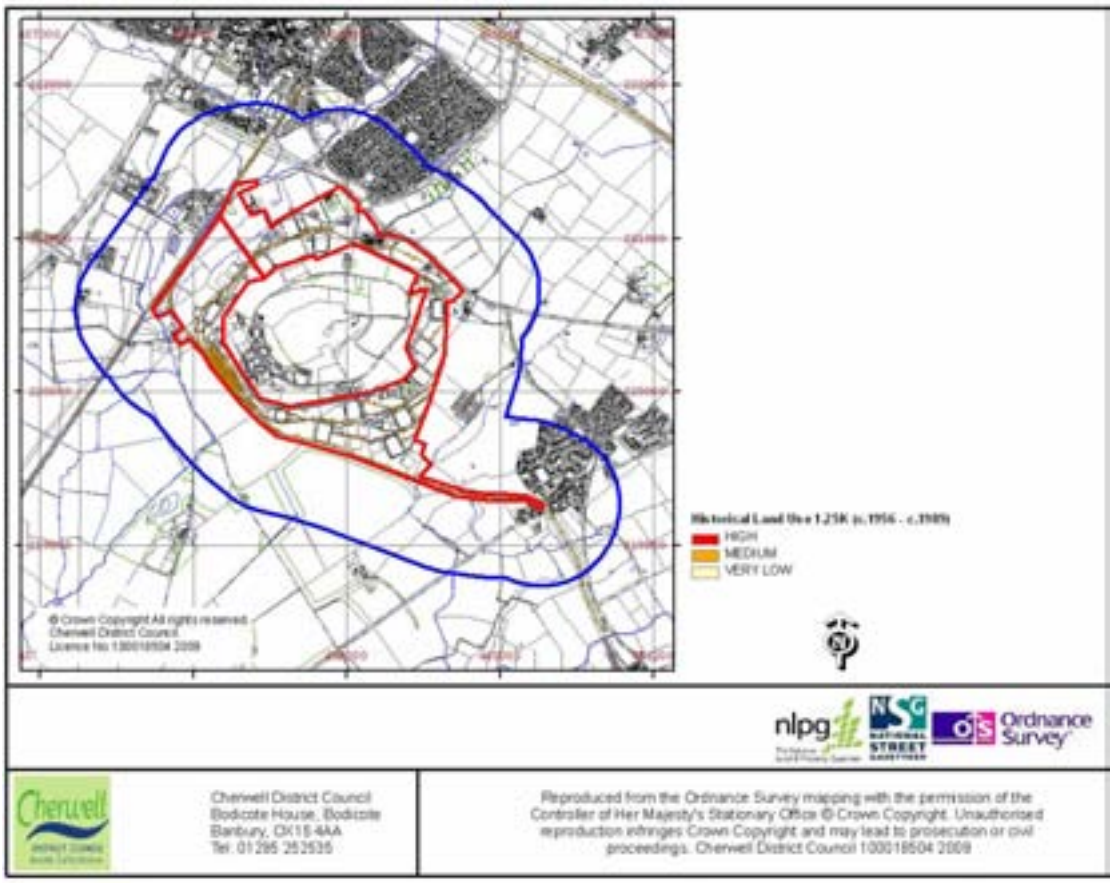
Site Results

Description
GRADE 3
GRADE 4

Search Radius Results

Description
GRADE 3
GRADE 4

Historical Land Use 1.25K (c.1956 - c.1989)



The map shows the site (red) and a search radius of 500 meters (blue).

The historical land use 1.25K (c.1956 - c.1989) information is based on County Series maps of the entire Cherwell District at a scale of 6 inches to one mile, which were mapped in the period 1956 - 1989.

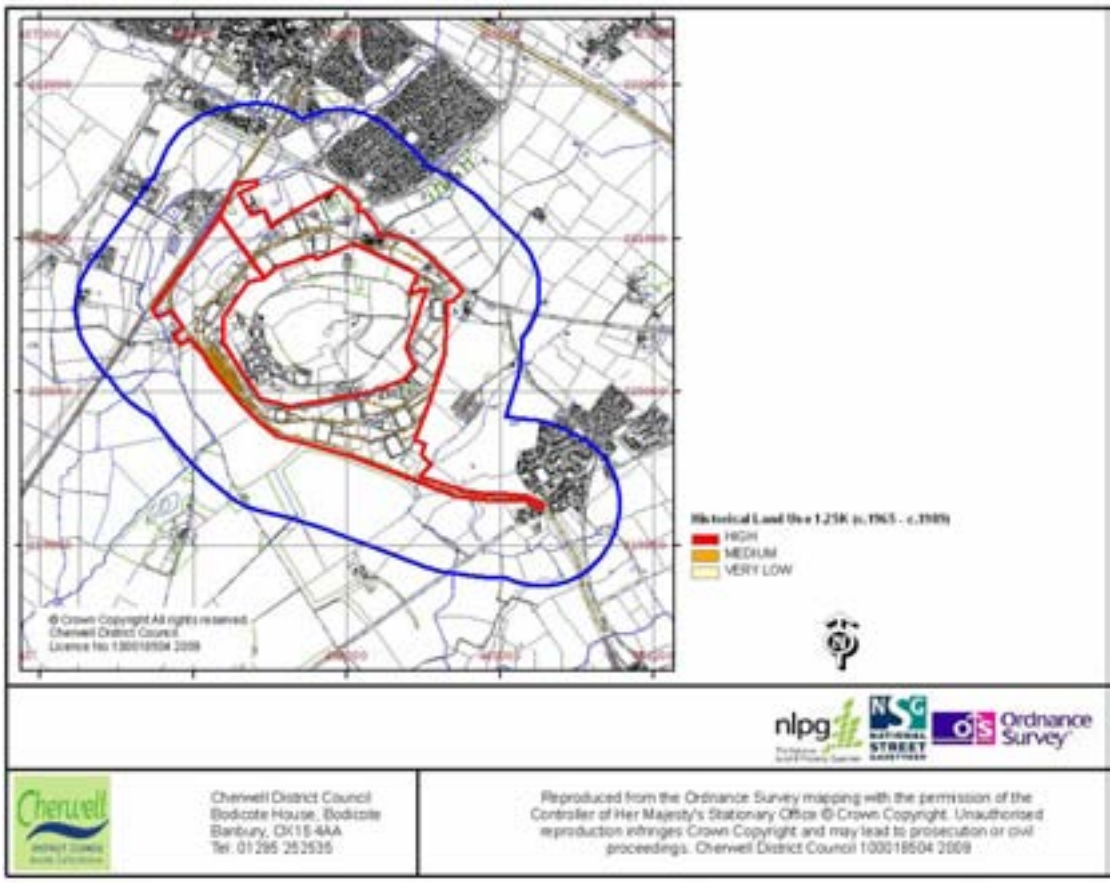
Site Results

No historical land use 1.25K (c.1956 - c.1989) mapped at the site

Search Radius Results

No historical land use 1.25K (c.1956 - c.1989) mapped in the search radius

Historical Land Use 1.25K (c.1965 - c.1989)



The map shows the site (red) and a search radius of 500 meters (blue).

The historical land use 1.25K (c.1965 - c.1989) information is based on County Series maps of the entire Cherwell District at a scale of 6 inches to one mile, which were mapped in the period 1965 - 1989.

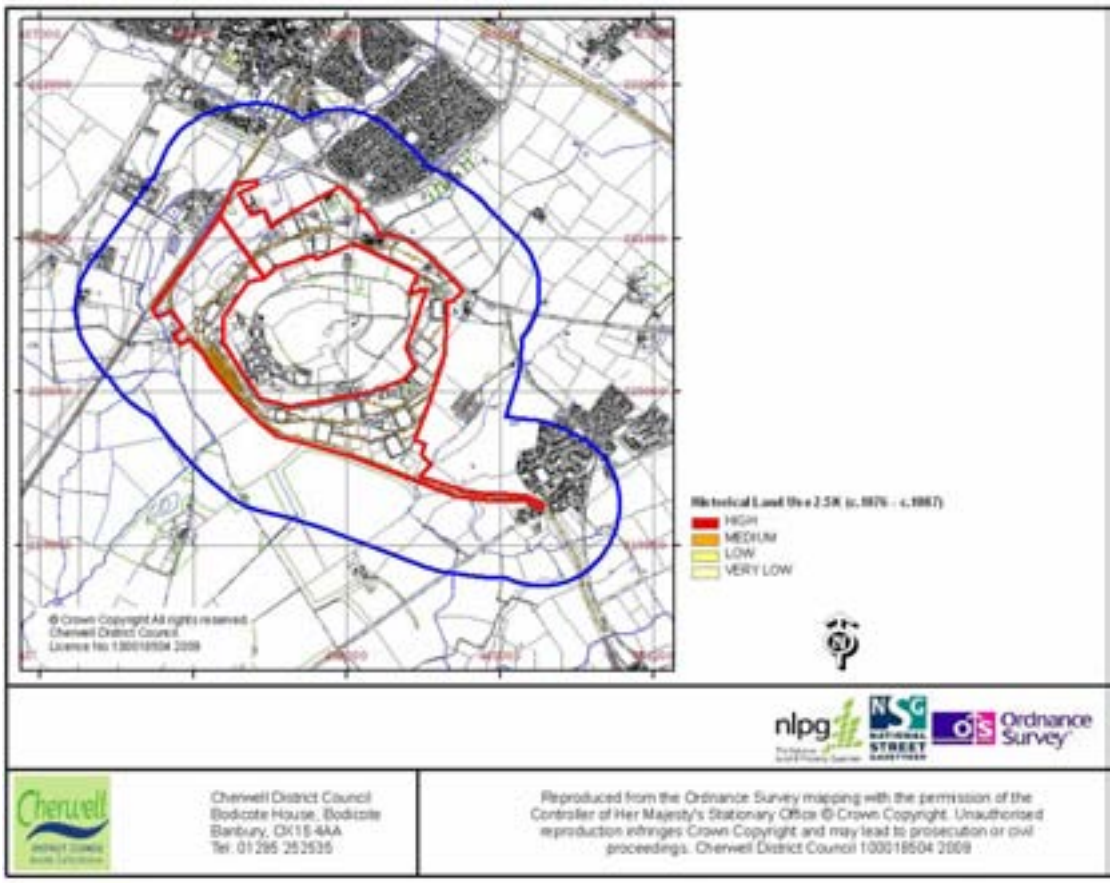
Site Results

No historical land use 1.25K (c.1965 - c.1989) mapped at the site

Search Radius Results

No historical land use 1.25K (c.1965 - c.1989) mapped in the search radius

Historical Land Use 2.5K (c.1876 - c.1887)



The map shows the site (red) and a search radius of 500 meters (blue).

The historical land use 2.5K (c.1876 - c.1887) information is based on County Series maps of the entire Cherwell District at a scale of 6 inches to one mile, which were mapped in the period 1876 -1887.

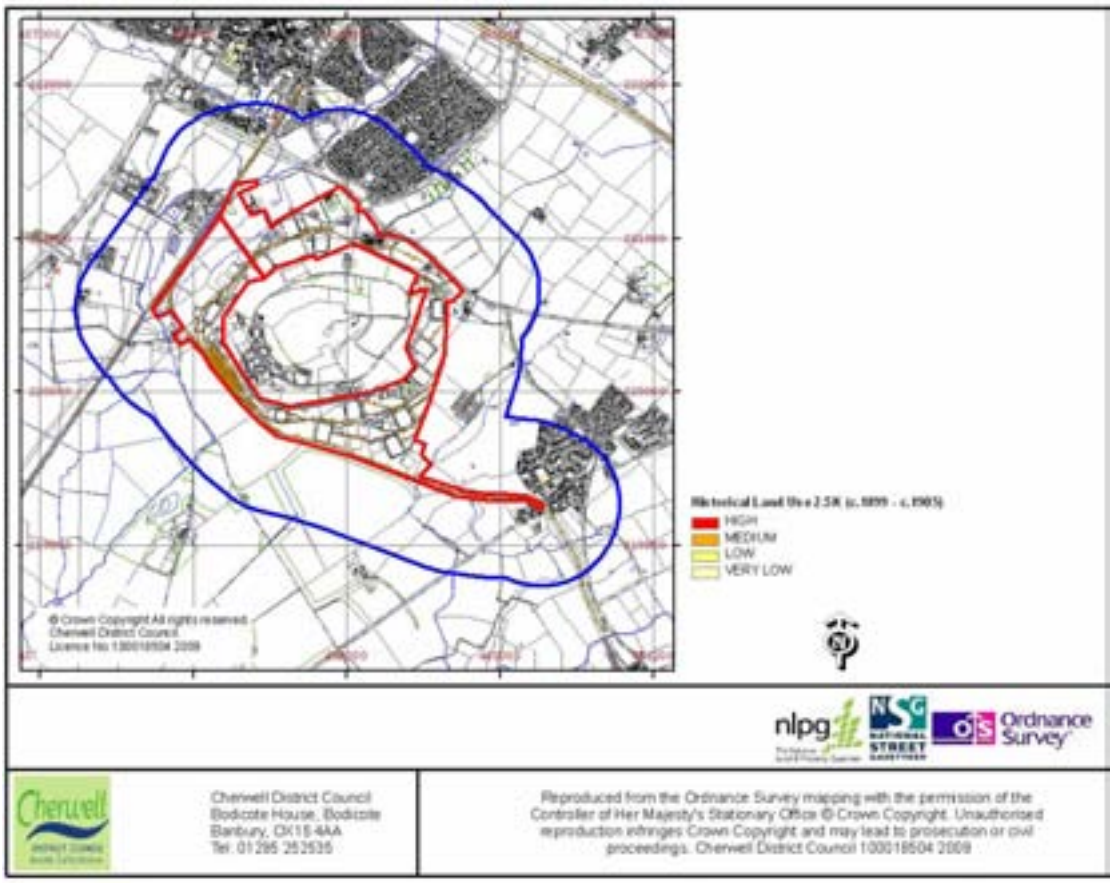
Site Results

No historical land use 2.5K (c.1876 - c.1887) mapped at the site

Search Radius Results

Description	Ranking
Sewerage - Sewage Tank	High

Historical Land Use 2.5K (c.1899 - c.1905)



The map shows the site (red) and a search radius of 500 meters (blue).

The historical land use 2.5K (c.1899 - c.1905) information is based on County Series maps of the entire Cherwell District at a scale of 6 inches to one mile, which were mapped in the period 1899 -1905.

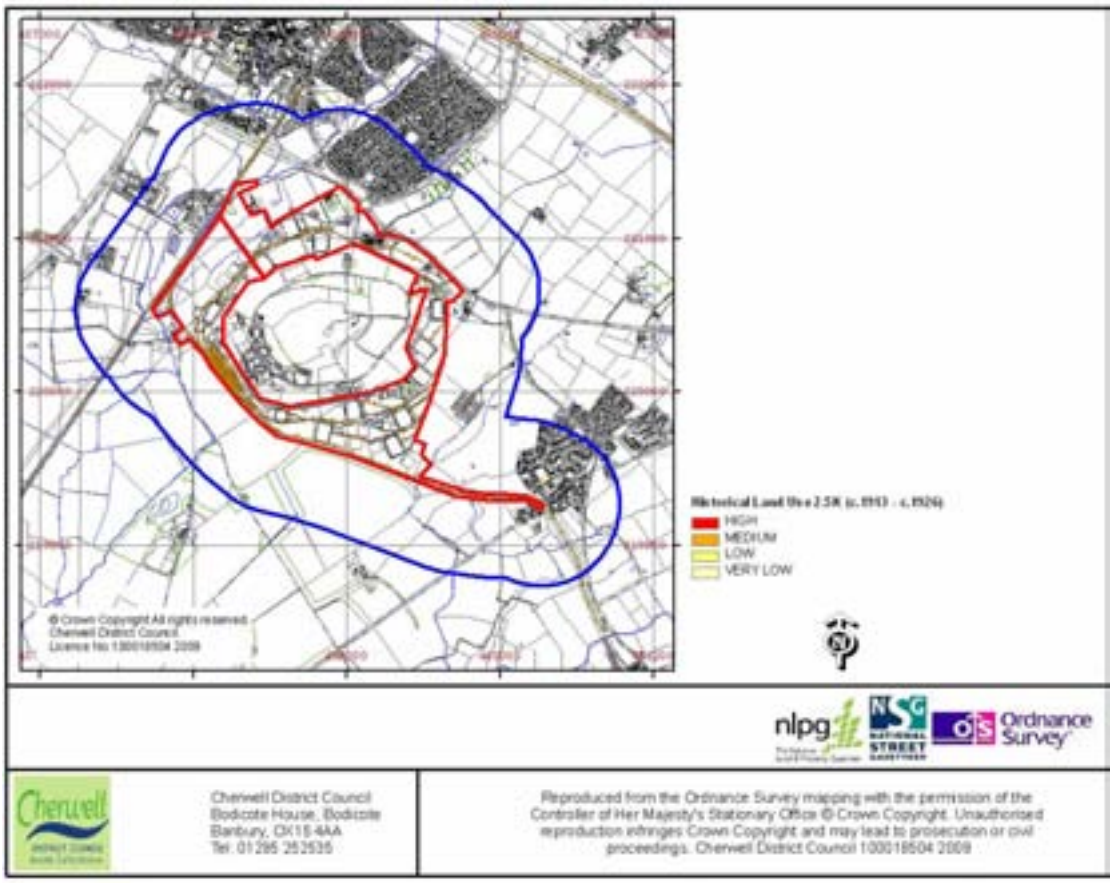
Site Results

No historical land use 2.5K (c.1899 - c.1905) mapped at the site

Search Radius Results

Description	Ranking
C&C - Coal Depot	High
Sewerage - Tank	High
MOD - Firing Range	High
Unknown Filled Ground	High
Grave - Graveyard	Low
Food - Corn Mill	Very Low
Metal Production - Blacksmith	High

Historical Land Use 2.5K (c.1913 - c.1926)



The map shows the site (red) and a search radius of 500 meters (blue).

The historical land use 2.5K (c.1913 - c.1926) information is based on County Series maps of the entire Cherwell District at a scale of 6 inches to one mile, which were mapped in the period 1913 -1926.

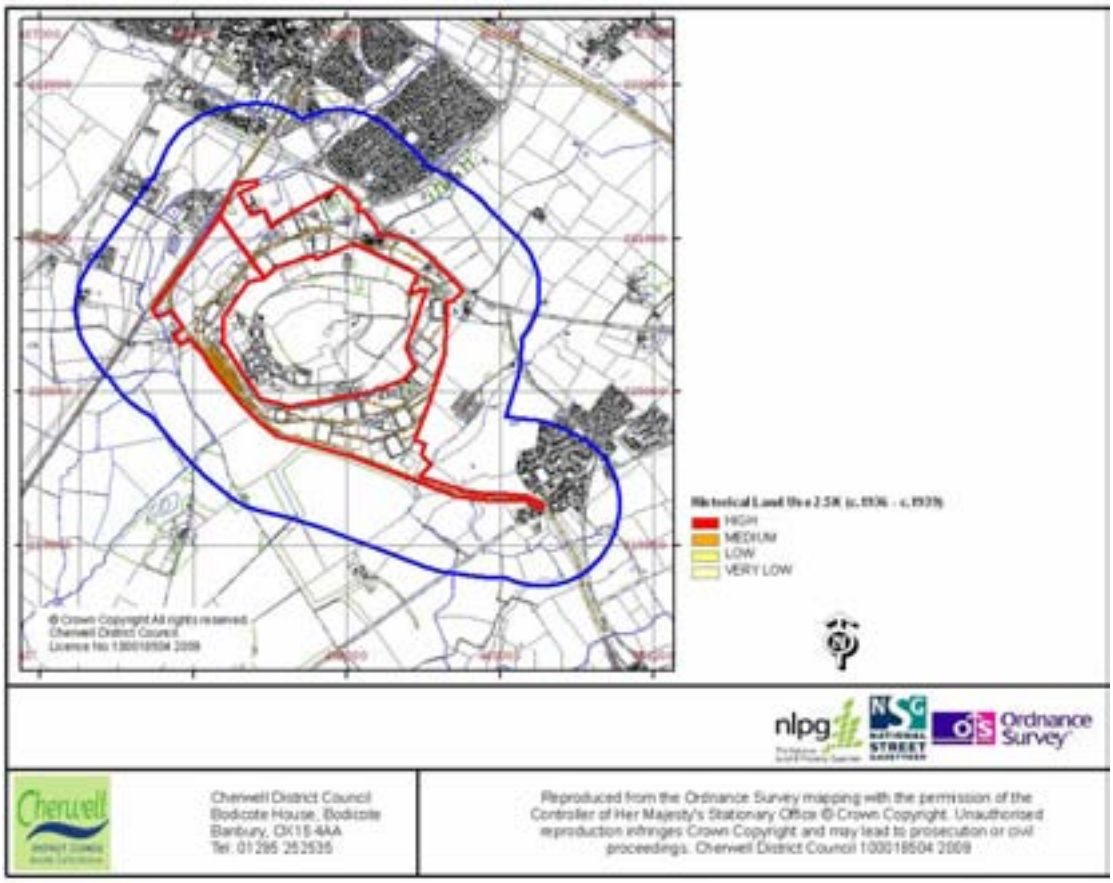
Site Results

No historical land use 2.5K (c.1913 - c.1926) mapped at the site

Search Radius Results

Description	Ranking
Sewage - Tank	High
MOD - Firing Range	High
Food - Corn Mill	Very Low
Metal Production - Blacksmith	High
Grave - Graveyard	Low

Historical Land Use 2.5K (c.1936 - c.1939)



The map shows the site (red) and a search radius of 500 meters (blue).

The historical land use 2.5K (c.1936 - c.1939) information is based on County Series maps of the entire Cherwell District at a scale of 6 inches to one mile, which were mapped in the period 1936 -1939.

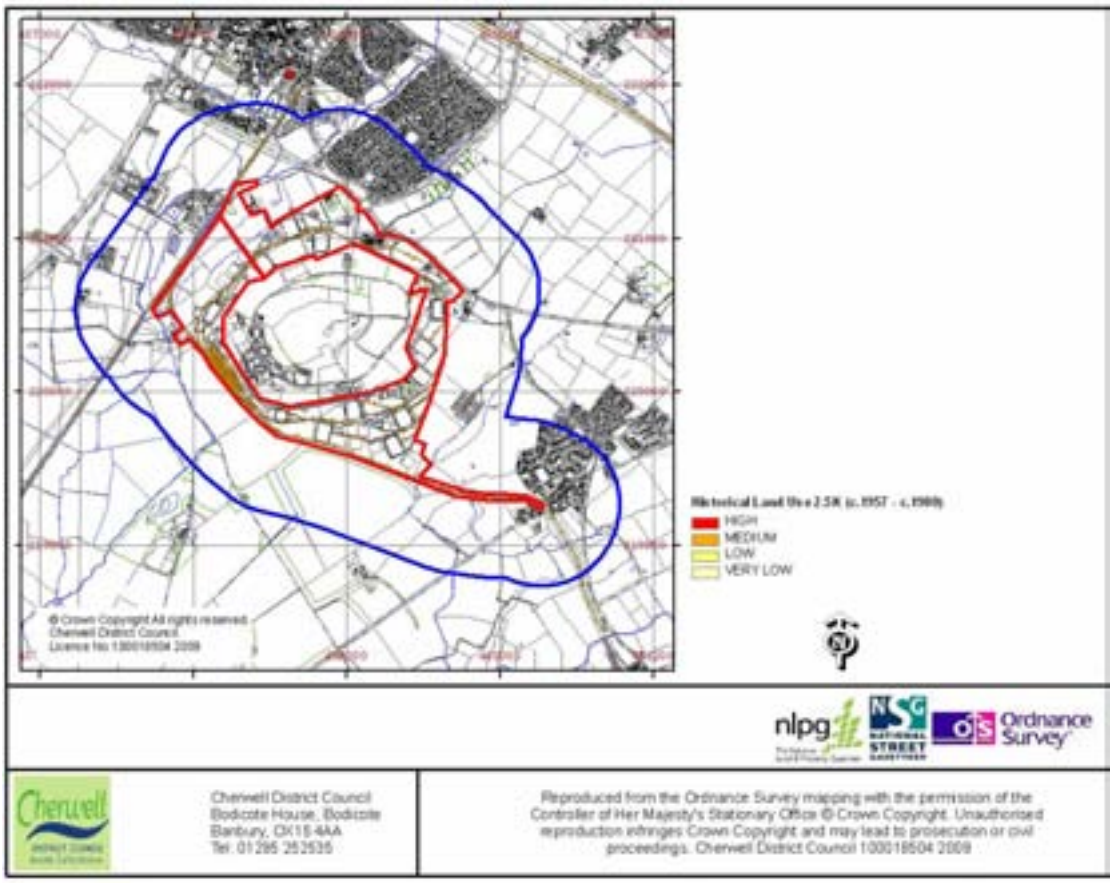
Site Results

No historical land use 2.5K (c.1936 - c.1939) mapped at the site

Search Radius Results

No historical land use 2.5K (c.1936 - c.1939) mapped in the search radius

Historical Land Use 2.5K (c.1957 - c.1980)



The map shows the site (red) and a search radius of 500 meters (blue).

The historical land use 2.5K (c.1957 - c.1980) information is based on County Series maps of the entire Cherwell District at a scale of 6 inches to one mile, which were mapped in the period 1957 -1980.

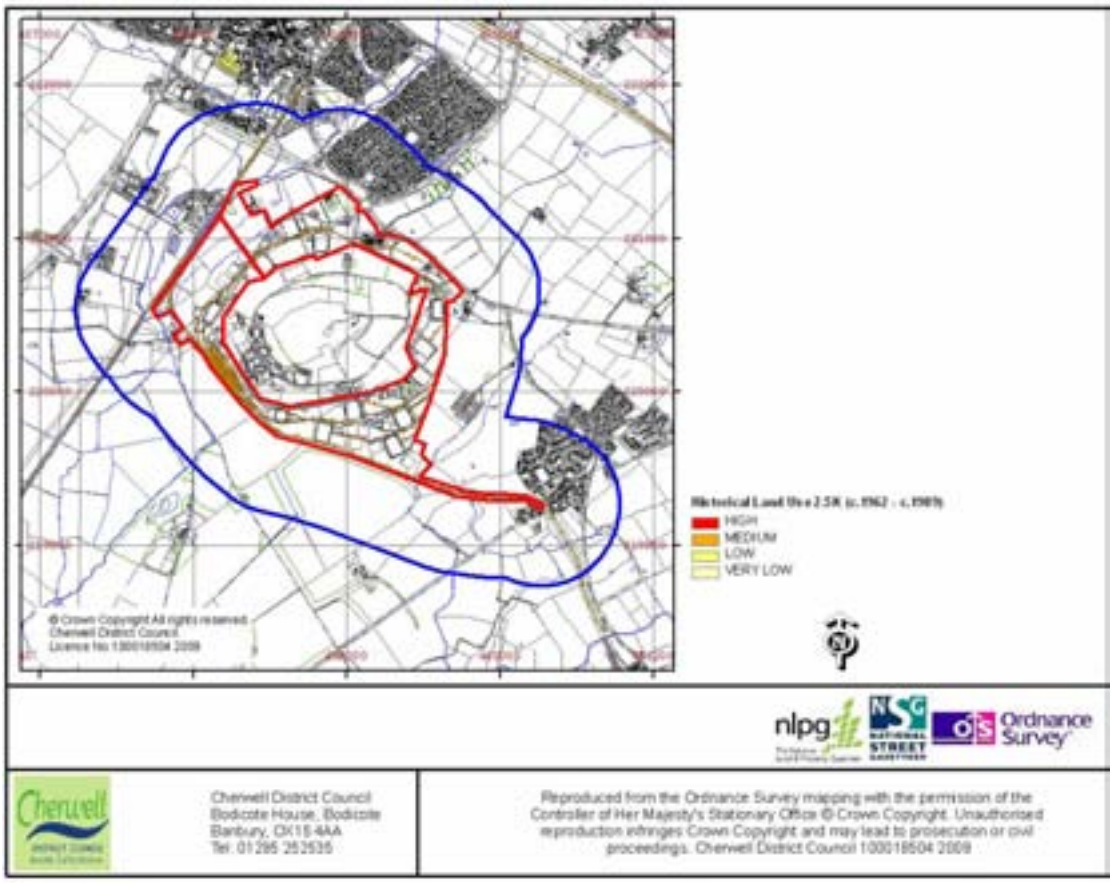
Site Results

No historical land use 2.5K (c.1957 - c.1980) mapped at the site

Search Radius Results

Description	Ranking
Depot - Depot	Medium
Power - Electricity Sub Station	Very Low

Historical Land Use 2.5K (c.1962 - c.1989)



The map shows the site (red) and a search radius of 500 meters (blue).

The historical land use 2.5K (c.1962 - c.1989) information is based on County Series maps of the entire Cherwell District at a scale of 6 inches to one mile, which were mapped in the period 1962 -1989.

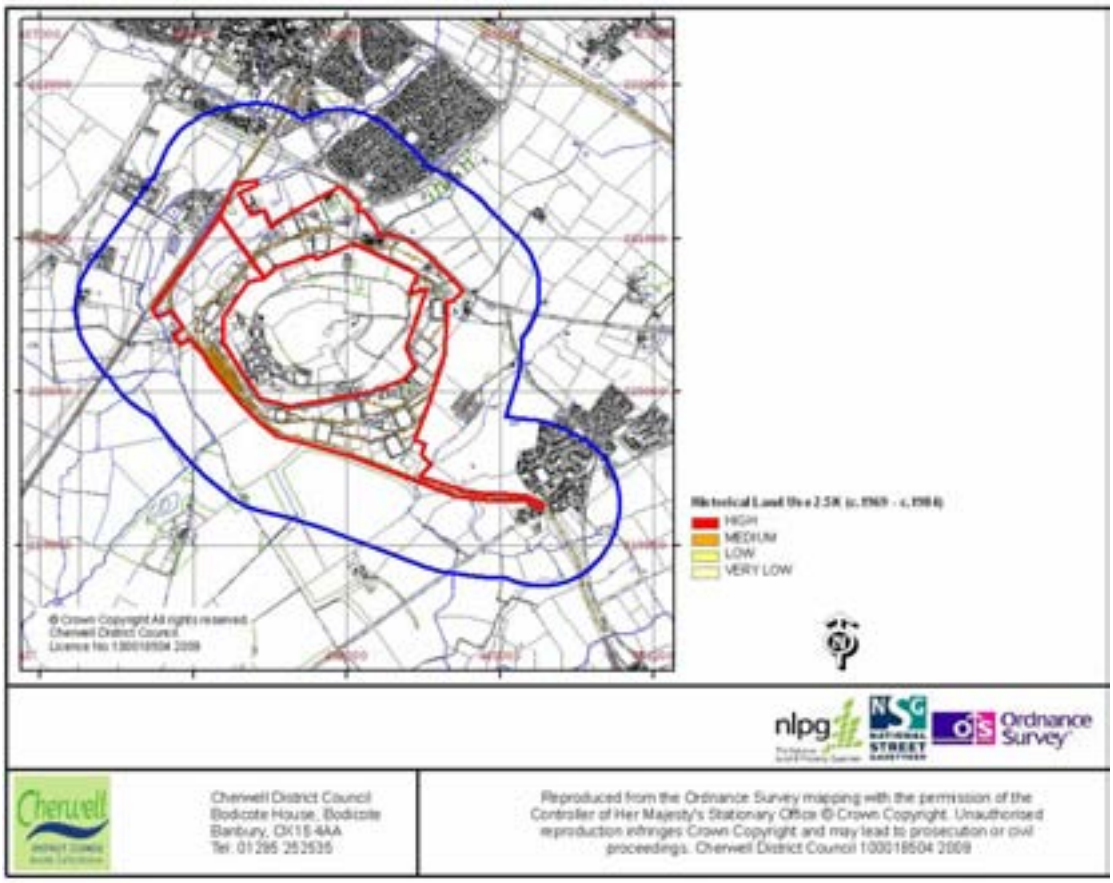
Site Results

No historical land use 2.5K (c.1962 - c.1989) mapped at the site

Search Radius Results

No historical land use 2.5K (c.1962 - c.1989) mapped in the search radius

Historical Land Use 2.5K (c.1969 - c.1984)



The map shows the site (red) and a search radius of 500 meters (blue).

The historical land use 2.5K (c.1969 - c.1984) information is based on County Series maps of the entire Cherwell District at a scale of 6 inches to one mile, which were mapped in the period 1969 -1984.

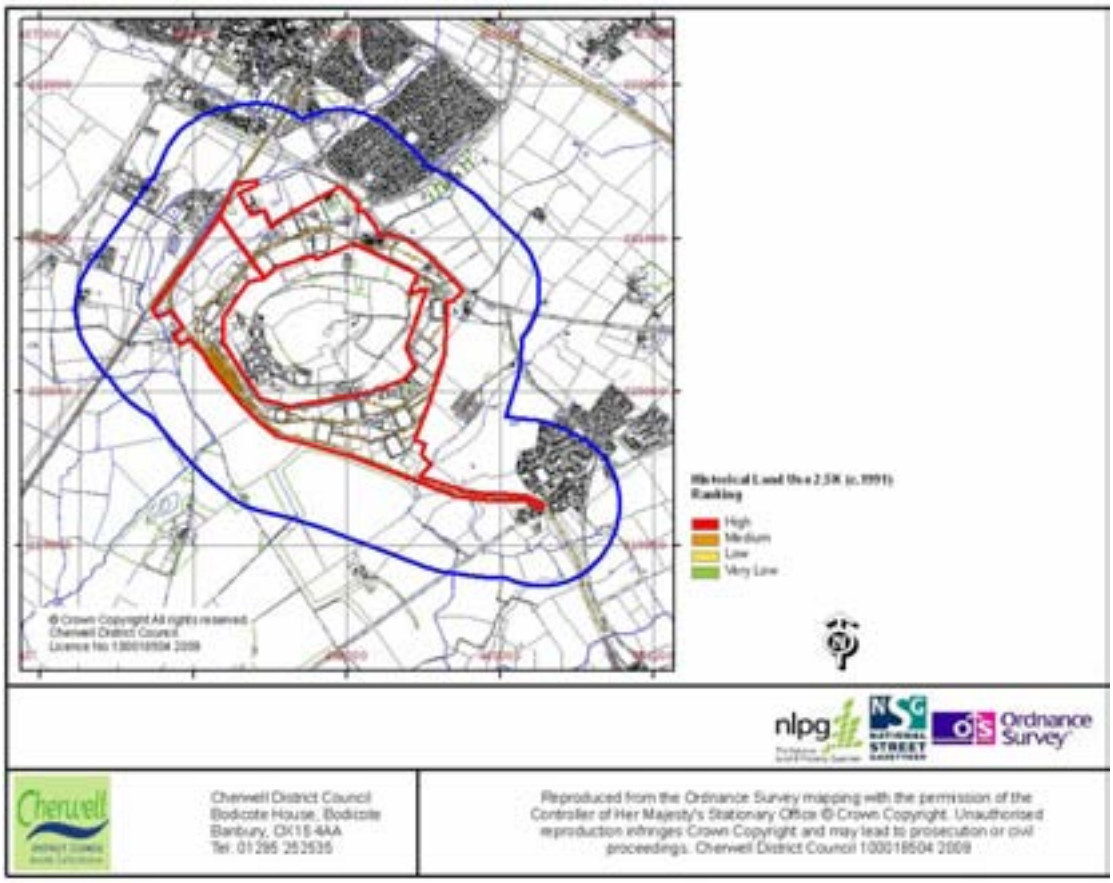
Site Results

No historical land use 2.5K (c.1969 - c.1984) mapped at the site

Search Radius Results

No historical land use 2.5K (c.1969 - c.1984) mapped in the search radius

Historical Land Use 2.5K (c.1991)



The map shows the site (red) and a search radius of 500 meters (blue).

The historical land use 2.5K (c.1991) information is based on County Series maps of the entire Cherwell District at a scale of 6 inches to one mile, which were mapped in the period 1991.

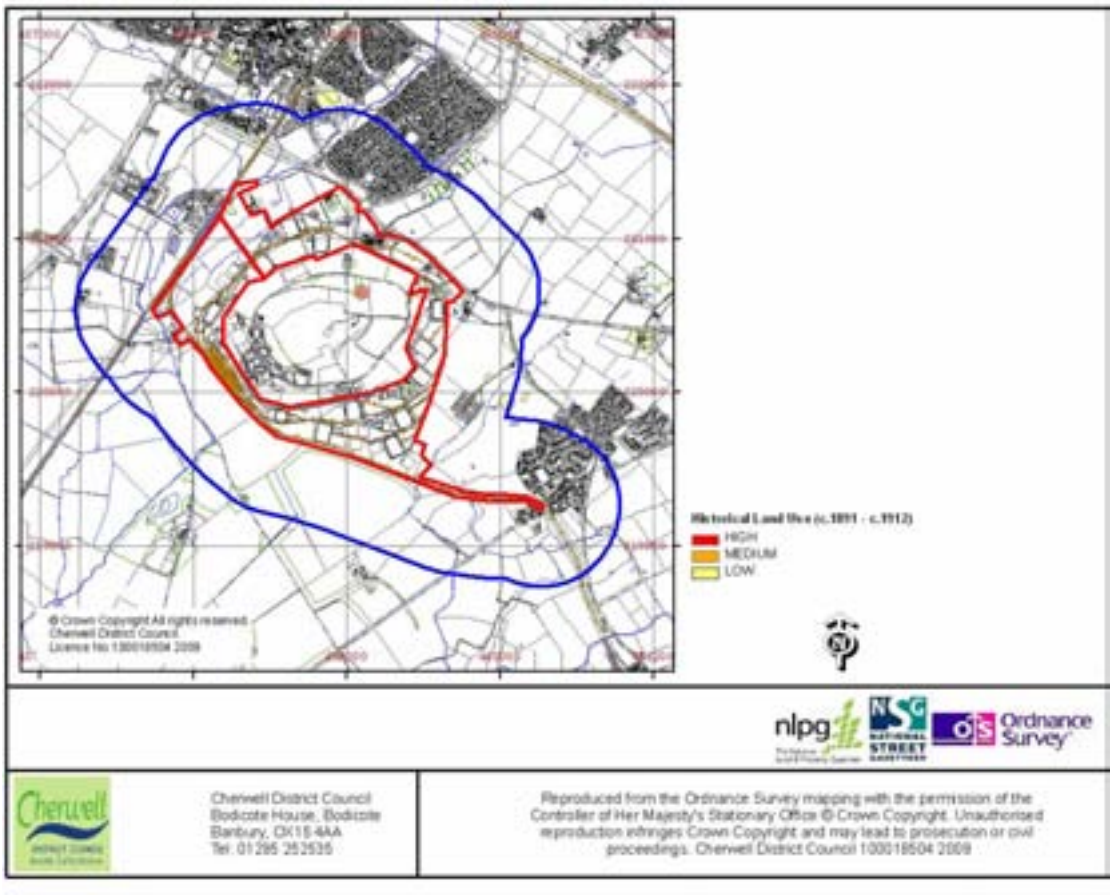
Site Results

No historical land use 2.5K (c.1991) mapped at the site

Search Radius Results

No historical land use 2.5K (c.1991) mapped in the search radius

Historical Land Use (c.1891 - c.1912)



The map shows the site (red) and a search radius of 500 meters (blue).

The historical land use (c.1891 - c.1912) information is based on County Series maps of the entire Cherwell District at a scale of 6 inches to one mile, which were mapped in the period 1891-1912.

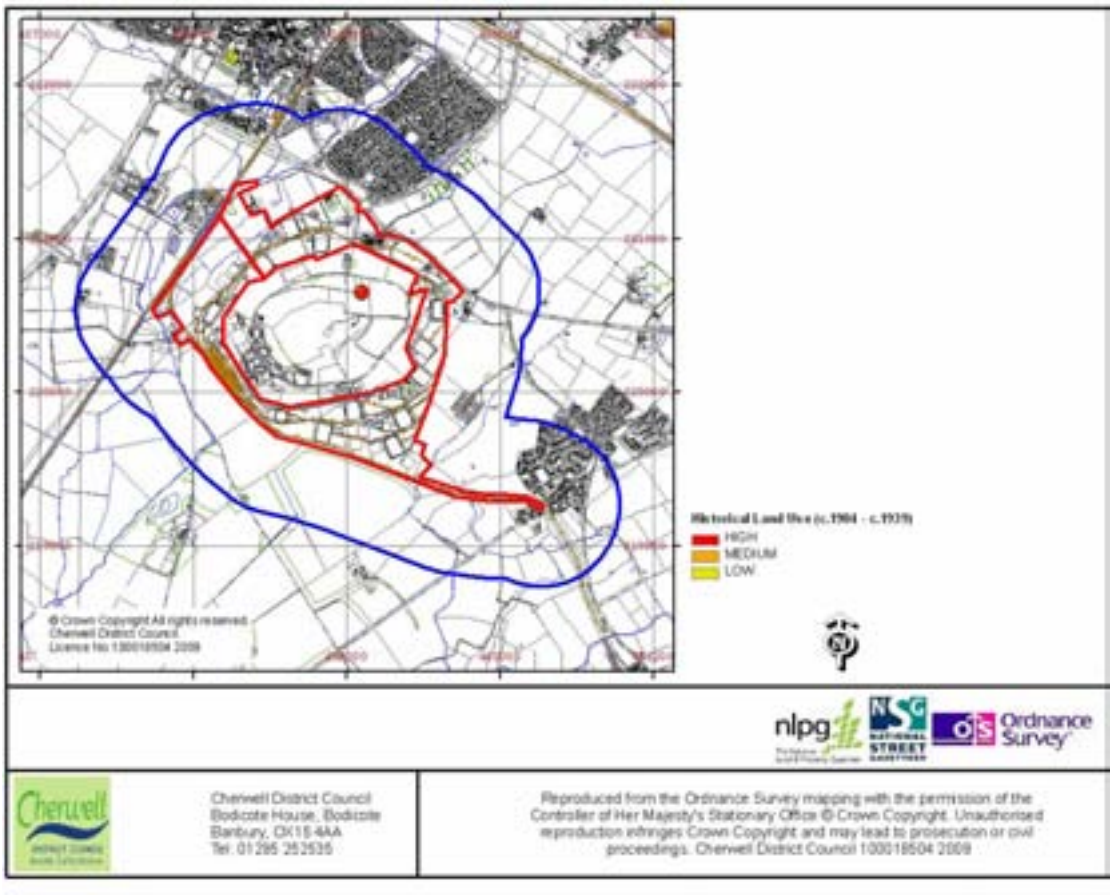
Site Results

Description	Ranking
Railways	MEDIUM

Search Radius Results

Description	Ranking
Military Land	HIGH
General quarrying	LOW
Sewage	MEDIUM
Clay bricks & tiles [manufacture]	LOW
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM

Historical Land Use (c.1904 - c.1939)



The map shows the site (red) and a search radius of 500 meters (blue).

The historical land use (c.1904 - c.1939) information is based on County Series maps of the entire Cherwell District at a scale of 6 inches to one mile, which were mapped in the period 1904-1939.

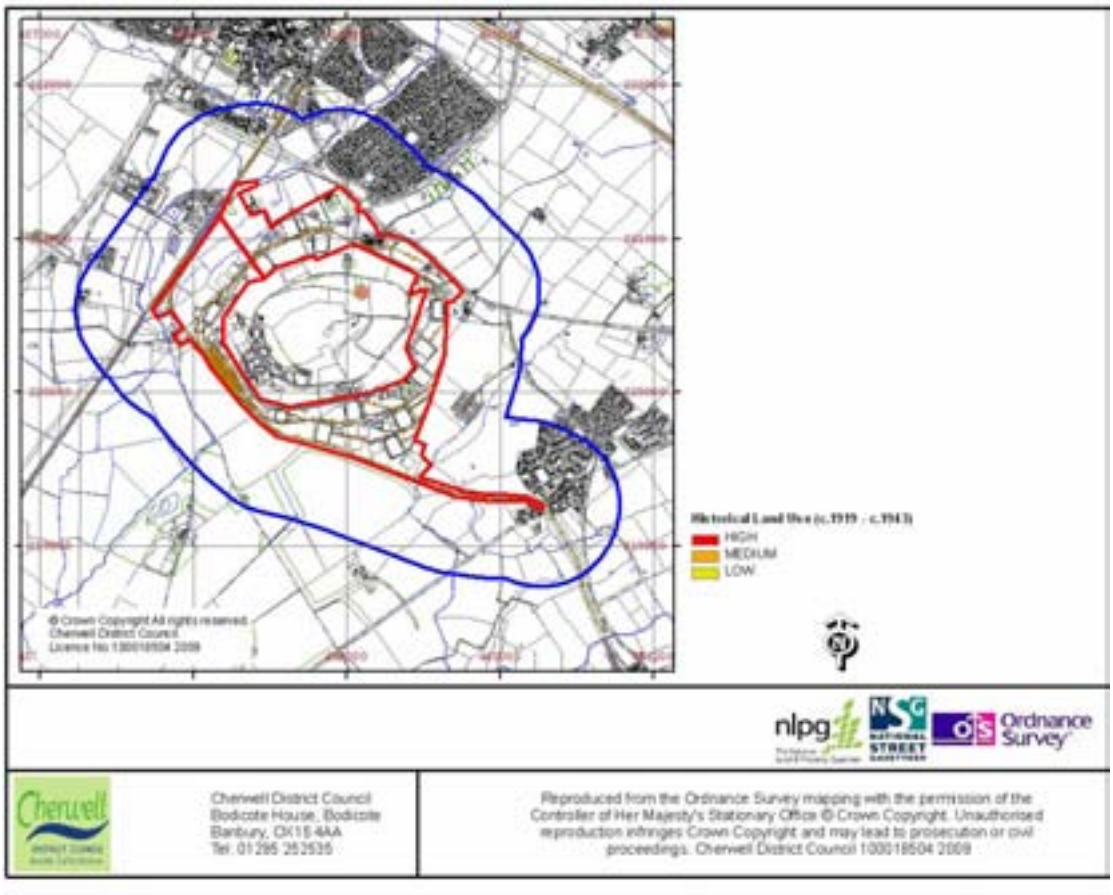
Site Results

Description	Ranking
Railways	MEDIUM

Search Radius Results

Description	Ranking
Military Land	HIGH
Sewage	MEDIUM
Coal storage and depot	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM

Historical Land Use (c.1919 - c.1943)



The map shows the site (red) and a search radius of 500 meters (blue).

The historical land use (c.1919 - c.1943) information is based on County Series maps of the entire Cherwell District at a scale of 6 inches to one mile, which were mapped in the period 1919-1943.

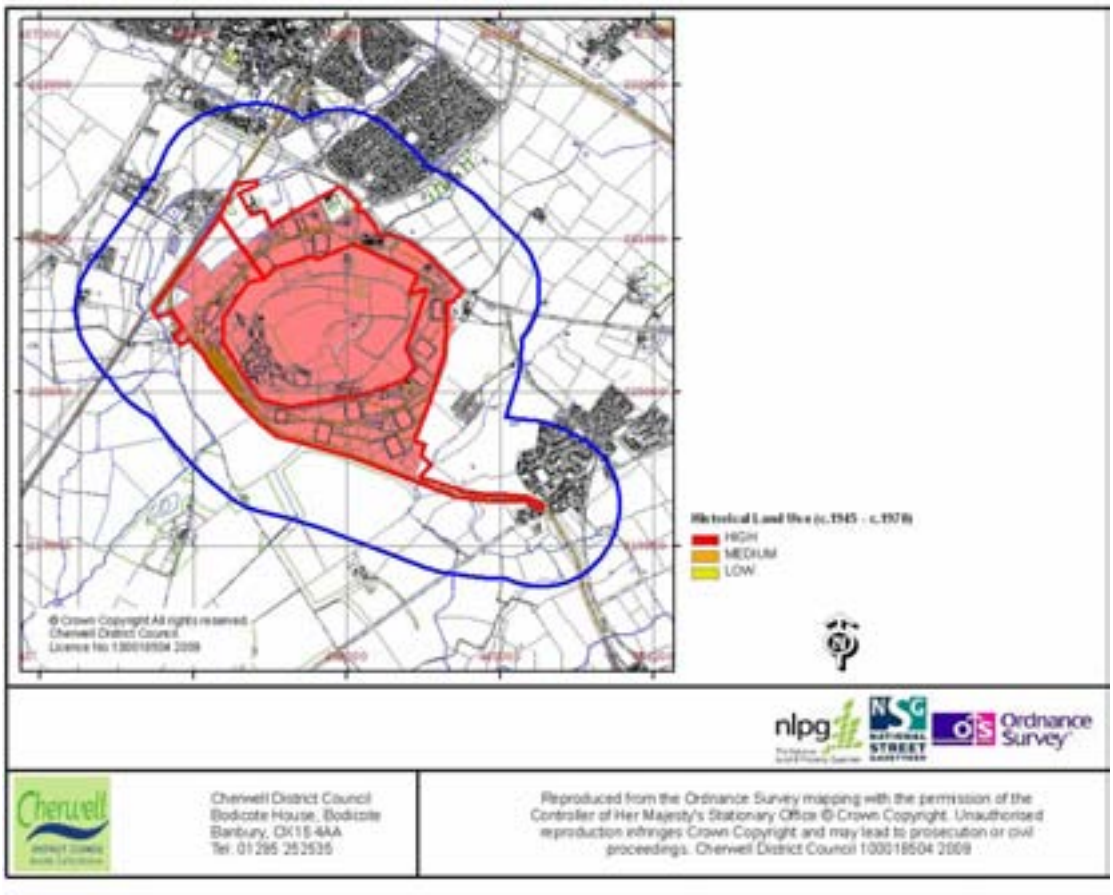
Site Results

Description	Ranking
Railways	MEDIUM

Search Radius Results

Description	Ranking
Military Land	HIGH
Sewage	MEDIUM
Coal storage and depot	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM

Historical Land Use (c.1945 - c.1970)



The map shows the site (red) and a search radius of 500 meters (blue).

The historical land use (c.1945 - c.1970) information is based on Ordnance Survey National Grid maps of the entire Cherwell District at a scale of 1:10 000, which were mapped in the period 1945-1970.

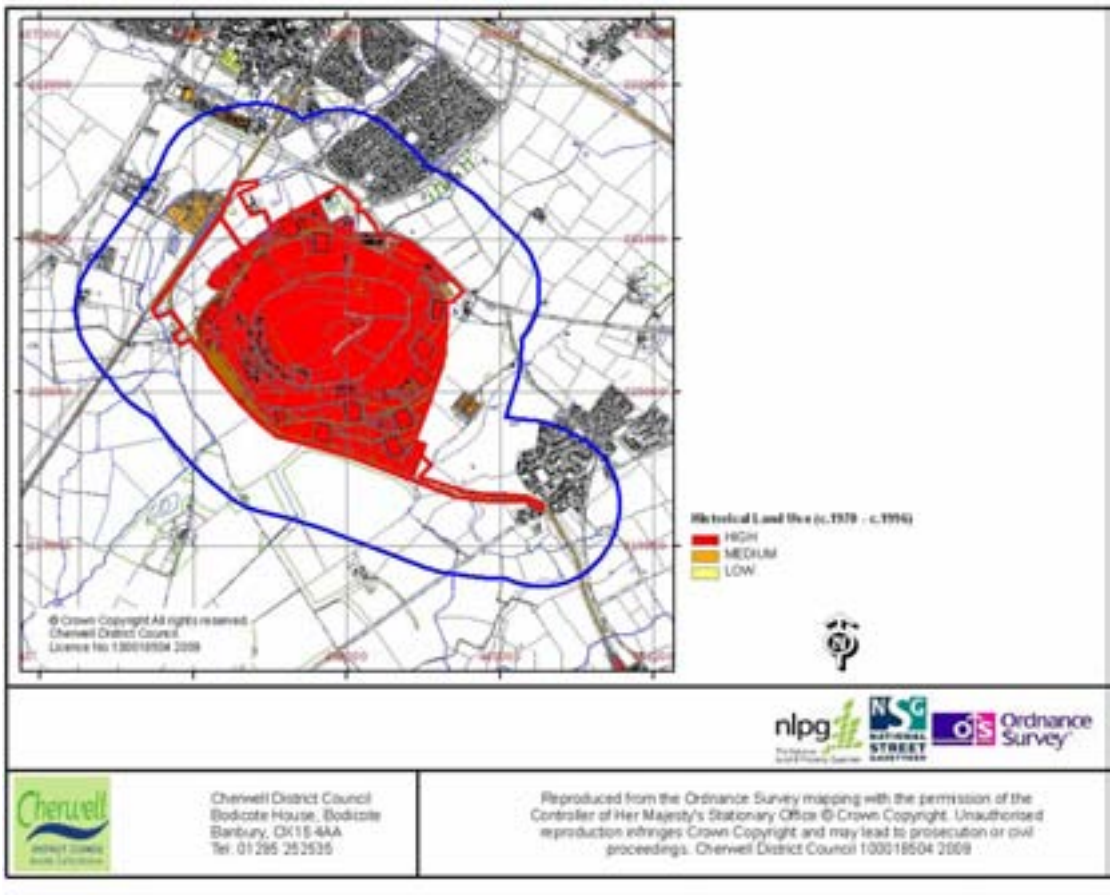
Site Results

Description	Ranking
Military Land	HIGH
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM

Search Radius Results

Description	Ranking
Sewage	MEDIUM
Coal storage and depot	MEDIUM
Military Land	HIGH
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM

Historical Land Use (c.1970 - c.1996)



The map shows the site (red) and a search radius of 500 meters (blue).

The historical land use (c.1970 - c.1996) information is based on Ordnance Survey National Grid maps of the entire Cherwell District at a scale of 1:10 000, which were mapped in the period 1970-1996.

Site Results

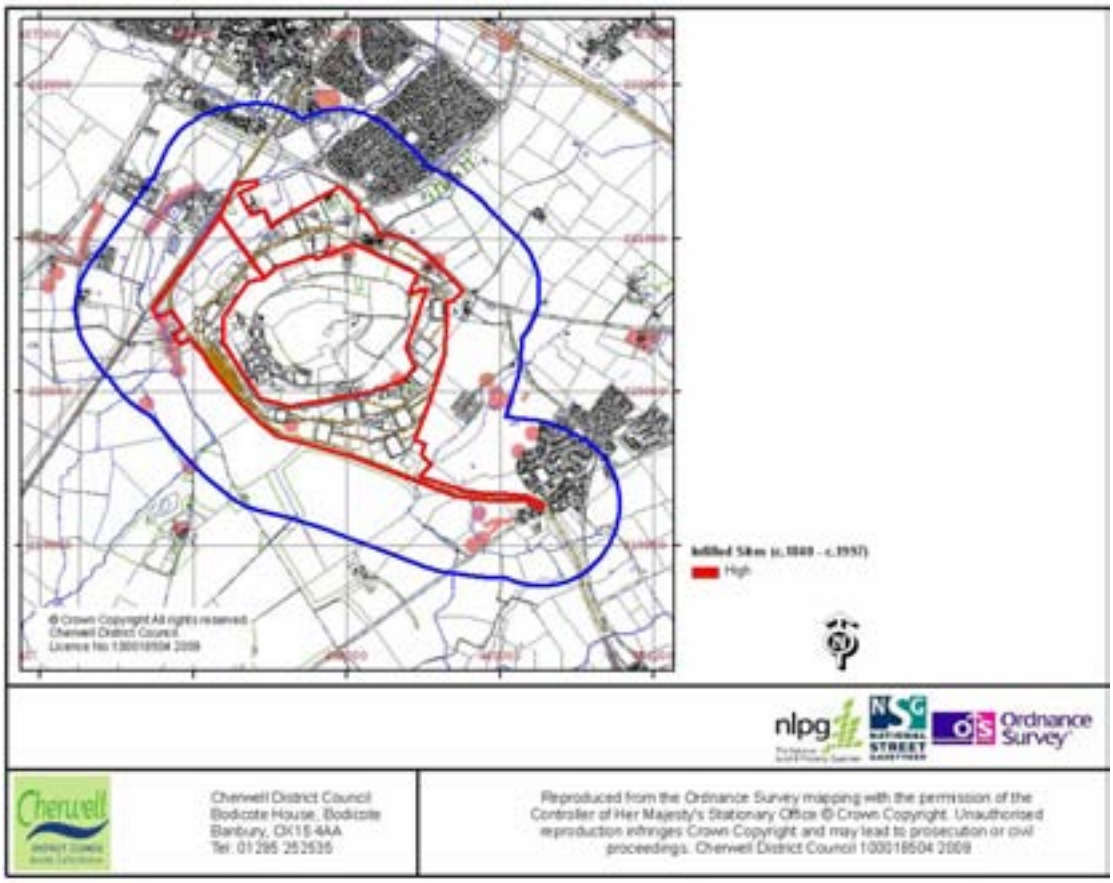
Description	Ranking
Pipelines [transport via]	MEDIUM
Pipelines [transport via]	MEDIUM
Pipelines [transport via]	MEDIUM
Pipelines [transport via]	MEDIUM
Factory or works - use not specified	MEDIUM
Military Land	HIGH
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM

Search Radius Results

Description	Ranking
Pipelines [transport via]	MEDIUM
Pipelines [transport via]	MEDIUM
Factory or works - use not specified	MEDIUM
Military Land	HIGH
Coal storage and depot	MEDIUM

Description	Ranking
Sewage	MEDIUM
Factory or works - use not specified	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM
Railways	MEDIUM

Infilled Sites (c.1840 - c.1997)



The map shows the site (red) and a search radius of 500 meters (blue).

Site Results

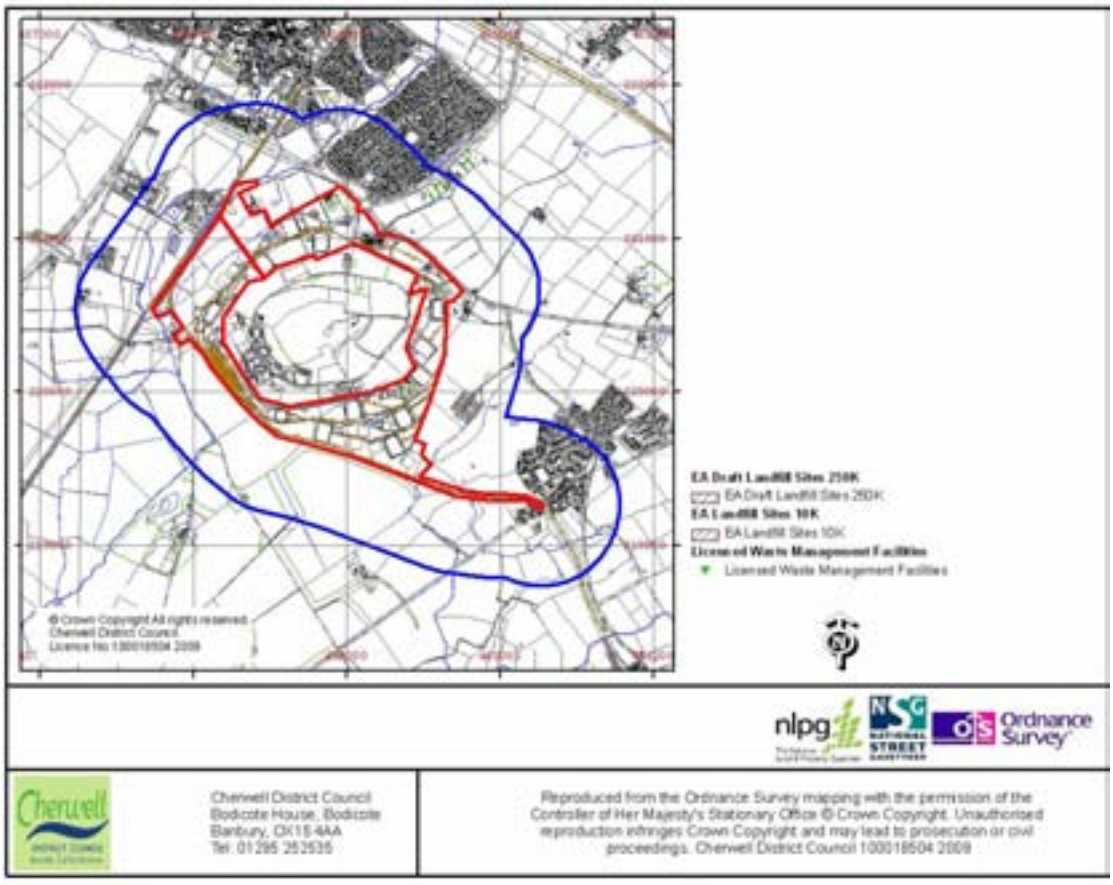
Description	Ranking
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High

Search Radius Results

Description	Ranking
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pit, quarry etc)	High

Description	Ranking
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Area liable to flood	
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pond, marsh, river, stream,doc	High
Unknown Filled Ground (Pit, quarry etc)	High

Landfill Sites and Licensed Waste Management Facilities



The map shows the site (red) and a search radius of 500 meters (blue).

Landfill and waste data derives from Environment Agency data & local knowledge of sites that pre date Environment Agency data.

EA Landfill Sites 10K

Site Results

No EA registered landfills at the site

Search Radius Results

No EA registered landfills in the search radius

EA Draft Landfill Sites 250K

Site Results

No draft landfills at the site

Search Radius Results

Licence Number	Site Name
No Licence	London Road, Bicester

Licensed Waste Management Facilities

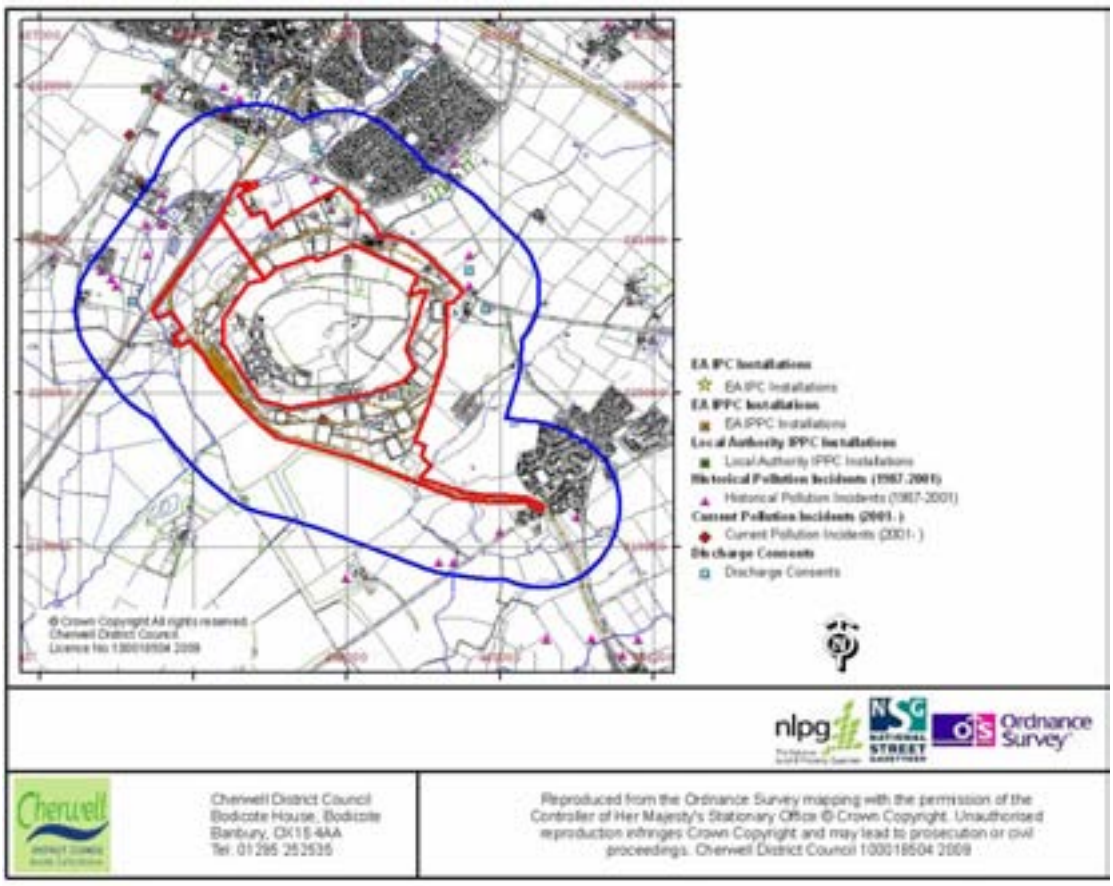
Site Results

No waste sites at the site

Search Radius Results

No waster sites in the search radius

Environmentally Sensitive Data



The map shows the site (red) and a search radius of 500 meters (blue).

All environmentally sensitive data derives from Environment Agency data

EA IPC Installations

Site Results

No IPC Installations at the site

Search Radius Results

No IPC Installations in the search radius

EA IPPC Installations

Site Results

No IPPC Installations at the site

Search Radius Results

No IPPC Installations in the search radius

Local Authority IPPC Installations

Site Results

No IPPC Installations at the site

Search Radius Results

No IPPC Installations in the search radius

Registered Radioactive Substance Sites

Site Results

No Registered Radioactive Substance sites at the site

Search Radius Results

No Registered Radioactive Substance sites in the search radius

Historical Pollution Incidents (1987-2001)

Site Results

Details	NGR	Major Incident
Oil/Diesel/	SP583213	Yes
Oil/Gas oil/GAS OIL	SP 589 212	Yes
Oil/Gas oil/	SP59302100	Miss
Not Yet Known/Not Yet Known/NOT KNOWN	SP58202120	Miss
Not Yet Known/Not Yet Known/NOT KNOWN	SP 592 210	Miss

Search Radius Results

Details	NGR	Major Incident
Sewage/Crude sewage/SEWAGE	SP 5770 2110	Yes
Natural/Rising sludge/	SP582 218	No
Oil/Not known/	SP605 192	No
Oil/Petrol/NONE	SP 598 207	No
Oil/Diesel/DIESEL	SP 5980 2090	Yes
Oil/Other/OIL	SP 588 214	Yes
Oil/Other/	SP578 211	Yes
Sewage/Crude sewage/	SP 596 189	Yes
Sewage/Sewage effluent/	SP578 213	No
Sewage/Sewage effluent/	SP59701890	No
Oil/Diesel/	SP590215	Yes
Not Yet Known/Not Yet Known/NOT KNOWN	SP 600 191	Miss
Oil/Other/OIL	SP 585 217	Yes
Sewage/Sewage sludge/	SP 577 209	No
Not Yet Known/Not Yet Known/NOT KNOWN	SP 575 207	Miss
Agriculture/Poultry manure (solid)/POULT	SP57402080	Yes
Agriculture/Other/Poultry-shed washings	SP57472075	No
Other Pollutant	SP57802120	

Current Pollution Incidents (2001-)

Site Results

Details	NGR	Major Incident

Details	NGR	Major Incident
	SP5835121354	Category 3 (Minor)
#EMPTY	SP58851983	Category 3 (Minor)

Search Radius Results

Details	NGR	Major Incident
Storm dischrge from BSTW	SP5787720338	Category 3 (Minor)

Discharge Consents

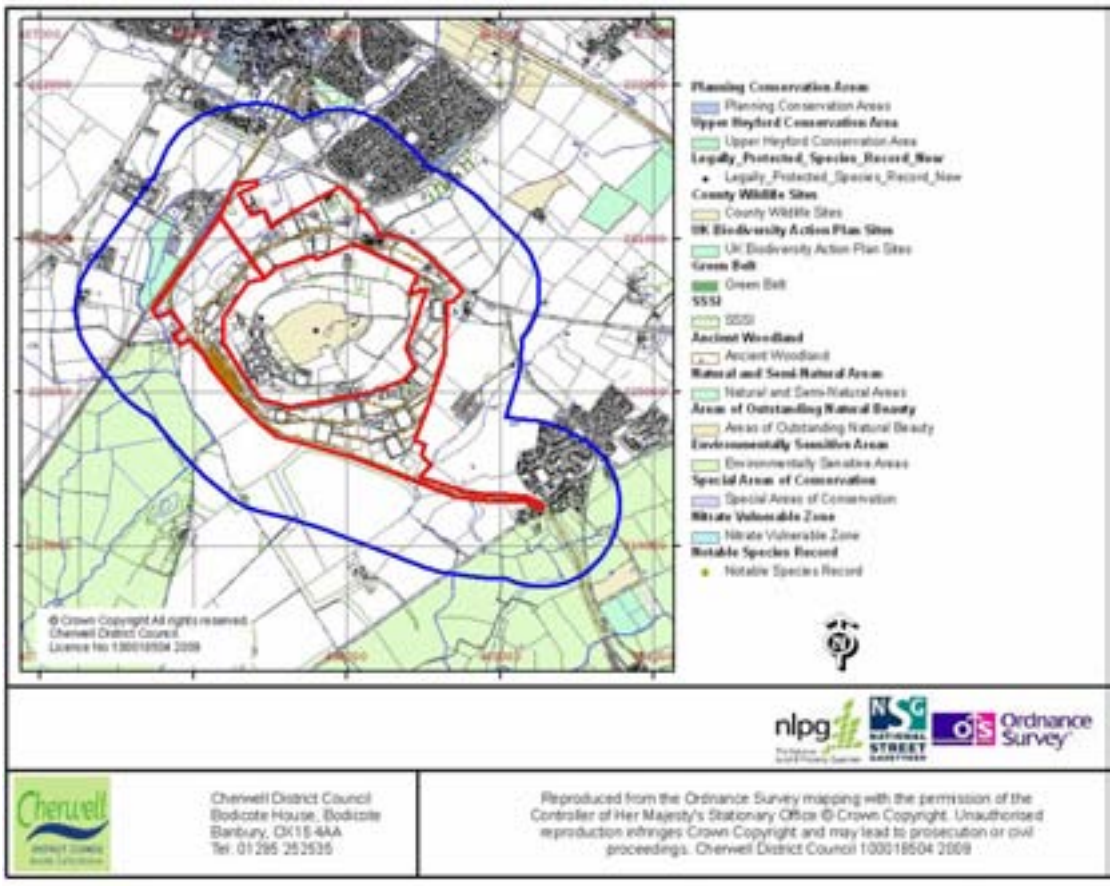
Site Results

No discharge consents at the site

Search Radius Results

License	Name	Easting	Northing	Type
CNTD.0023	THAMES WATER UTILITIES LIMITED	457800	221100	Sewage Disposal Works - water company
CNTW.0555	TESCO STORES LIMITED	458300	221650	Wholesale Dist. Animals and Mats.
CTCR.1723	THAMES WATER UTILITIES LIMITED	457600	220600	Sewage Disposal Works - water company
CNTD.0023	THAMES WATER UTILITIES LIMITED	457800	221100	Sewage Disposal Works - water company
CNTW.0555	TESCO STORES LIMITED	458300	221650	Wholesale Dist. Animals and Mats.
CNTW.0314	SCOTTISH METROPOLITAN PROPERTY PLC.	458500	221700	Undefined or Other
CATM.3010	THE BENNET GIBBONS PARTNERSHIP	459910	220550	Domestic Property (Multiple)
CTCR.0919	SOUTHERN GAS BOARD, 164 ABOVE BAR ST, SOUTHAMPTON	458800	221600	Public Gas Supply
CTCR.1293	BICESTER UDC (THAMES WATER (S+W))	457800	221100	Sewage Disposal Works - water company
CATM.3354	THE BENNETT GIBBONS PARTNERSHIP	459800	220800	Undefined or Other

Sites of Environmental Importance



Scheduled Ancient Monuments data © English Nature

The map shows the site (red) and a search radius of 500 meters (blue).

Information on Ancient Woodland and SSSIs were provided by English Nature.

Ancient Woodland

Site Results

No ancient woodland at the site

Search Radius Results

Description
Ancient & Semi-Natural Woodland

SSSI

Site Results

No SSSIs at the site

Search Radius Results

No SSSIs in the search radius

Planning Conservation Areas

Site Results

No Planning Conservation Areas at the site

Search Radius Results

No Planning Conservation Areas in the search radius

Upper Heyford Conservation Area

Site Results

No Conservation Areas at the site

Search Radius Results

No Conservation Areas in the search radius

Special Areas of Conservation

Site Results

No Special Areas of Conservation at the site

Search Radius Results

No Special Areas of Conservation in the search radius

County Wildlife Sites

Site Results

No Wildlife Sites at the site

Search Radius Results

Site Name	Habitat Type
Graven Hill	Ancient woodland

UK Biodiversity Action Plan Sites

Site Results

No UK Biodiversity Action Plan at the site

Search Radius Results

Site Name	Classification
Bicester Wetland Reserve	Biodiversity Action Plan Priority Habitats
Gravenhill Wood	National Vegetation Classification

Green Belt land

Site Results

No areas of Green Belt at the site

Search Radius Results

No areas of Green Belt in the search radius

Natural and Semi-Natural Areas

Site Results

No Natural and Semi-Natural Areas at the site

Search Radius Results

Site Name
MALLARDS WAY NSN.

Areas of Outstanding Natural Beauty

Site Results

No Areas of Outstanding Natural Beauty at the site

Search Radius Results

No Areas of Outstanding Natural Beauty in the search radius

Environmentally Sensitive Areas

Site Results

Name
Upper Thames

Search Radius Results

Name
Upper Thames

Nitrate Vulnerable Zone

Site Results

No Nitrate Vulnerable Zone at the site

Search Radius Results

No Nitrate Vulnerable Zone in the search radius

Notable Species Records

Site Results

No Notable Species Records at the site

Search Radius Results

Name	Site	Status
Bembidion quadripustulatum	Bicester Sewage Farm Reserve	
Picus viridis	Graven Hill	

Name	Site	Status
Locustella naevia	Graven Hill	
Phylloscopus trochilus	Graven Hill	

Legally Protected Species Record

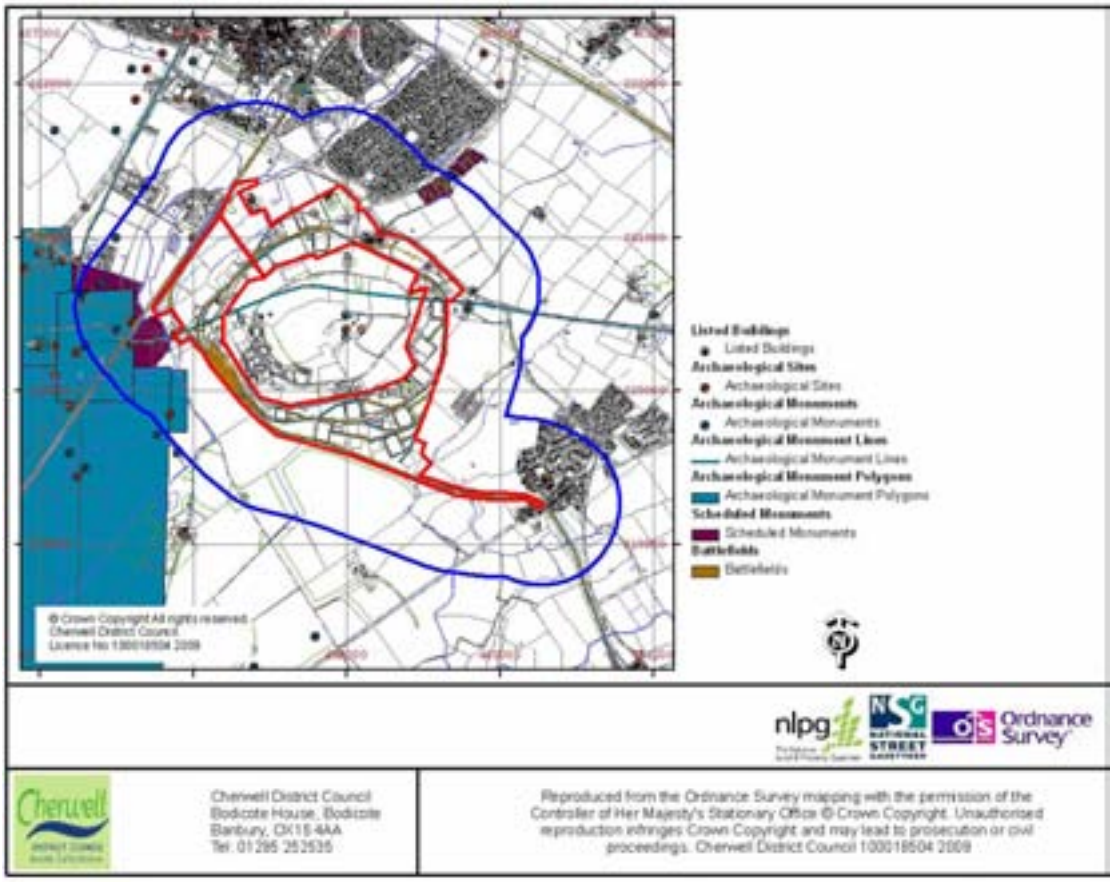
Site Results

No Legally Protected Species Record at the site

Search Radius Results

Name	Site	Status
Hyacinthoides non-scripta	Graven Hill	

Heritage Sites



Scheduled Ancient Monuments data © English Nature

The map shows the site (red) and a search radius of 500 meters (blue).

Listed Buildings

Site Results

No listed buildings at the site

Search Radius Results

Title	Easting	Northing
BARN APPROXIMATEL	459798	220541
WRETCHWICK LODGE	459232	221043
GATEPIERS, GATES	460325	219428
CHURCH OF ST MARY	460300	219409
HEADSTONE APPROXI	460288	219390
	460448	219315
KENNET HOUSE	460320	219382
	460406	219341
LANGFORD PARK FAR	458380	221258
CHURCHYARD CROSS	460330	219408
	460319	219267
KING MEMORIAL APP	460289	219438
PARK FARMHOUSE	460344	219277
WRETCHWICK FARMHO	459823	220650
HOLLY TREE COTTAG	460190	219214

Archaeological Sites

Site Results

Name	Easting	Northing
MERTON GROUNDS	457880	220360

Search Radius Results

Name	Easting	Northing
WENDLEBURY HOLT	457600	220300
GRAVEN HILL	459100	220400
ALCHESTER	457300	220300
NORTH EAST OF ALCHESTER	457600	220450
BICESTER SEWAGE TREATMENT WORKS	458000	221000
GRAVEN HILL TO AMBROSDEN PIPELINE	459000	220400
MERTON/WENDLEBURY	457850	219850
LAND ADJACENT TO PARK RISE/LABURNHAM CLOSE	460200	219460
MERTON/WENDLEBURY	457850	219850
LAND OFF LABURNUM CLOSE	460200	219380

Archaeological Monuments

Site Results

No archaeological monuments at the site

Search Radius Results

Description	Easting	Northing
Traces of building foundations were visible in the field NE of Promised-land Farm in 1841; listed as the possible site of a Roman villa.	457400	220700
Earthwork - prob. PM lynchets	459000	220350
The remains of a churchyard cross. The cross shaft stands directly on its socket stone. This holds the lower part of an octagonal shaft. Above this the shaft has been broken off and the cross head which would have stood upon it is gone.	460320	219400
RB sherds, coin	457500	220400
Linear features and possible fragmentary ditched enclosures visible as cropmarks on aerial photographs.	457500	221000
ORDNANCE DEPOT. From list of sites Graven Hill Depot Recorder- S.C. Jenkins	459000	220500
Ambrosden Hall, Built circa 1673, demolished 1740 (site of)	460170	219420
Pits and ditches with Romano British pottery were found on a building site NW of the road to Blackthorn.	460570	219670

Archaeological Monument Lines

Site Results

Description
Partly dismantled railway. The Buckinghamshire Railway was a merger of two companies proposing lines from Bletchley to Banbury and Aylesbury to Oxford. The Bletchley - Banbury section opened in 1850 and the Oxford - Verney Junction (on the Bletchley - Ba
Britain's largest military railway system, opened in 1941, still extant.

Description
Roman road running from Alchester to St Albans (Verulamium).

Search Radius Results

Description
Partly dismantled railway. The Buckinghamshire Railway was a merger of two companies proposing lines from Bletchley to Banbury and Aylesbury to Oxford. The Bletchley - Banbury section opened in 1850 and the Oxford - Verney Junction (on the Bletchley - Ba
Roman road running fron Towcester to Alchester.
Britain's largest military railway system, opened in 1941, still extant.
Roman road running from Alchester to St Albans (Verulamium).

Archaeological Monument Polygons

Site Results

Description
Railway halt on the Bicester Military Railway.
Railway halt on the Bicester Military Railway. Approximate siting only, derived from photograph in NMR Rokeby Collection.

Search Radius Results

Description
Railway halt on the Bicester Military Railway. Not located.
Railway halt on the Bicester Military Railway.
Rectilinear enclosure visible as a crop mark on aerial photographs. Possible Roman parade ground.
Roman field system visible as crop mark.
AS spearhead fd. 1828
Poss Md Manor House, extant 1673 (site of)
System of rectilinear enclosures and trackways visible on air photographs. Probable extramural settlement to the Roman town of Alchester.

Scheduled Monuments

Site Results

No scheduled monuments at the site

Search Radius Results

Name
Alchester Roman site
AMBROSDEN CHURCHYARD CROSS
WRETCHWICK DESERTED MEDIEVAL SETTLEMENT

Battlefields

Site Results

No battlefields at the site

Search Radius Results

No battlefields in the search radius

Important

Annex G
Environmental Risk Assessment Table

26 Pages

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
1	Former vehicle fueling areas D18 and E11	Hydrocarbons (fuels, lubricants and PAHs)	Site Visitors/Users (Commercial/Industrial)	Dermal contact, Ingestion, Inhalation	Toxic chronic toxicity, Toxic carcinogenic impact, Explosion	Severe	Unlikely	Moderate - Low	Vicinity of former fueling areas in now paved over and used as a car park, decreasing the likelihood of this pollutant linkage.
2	Former vehicle fueling areas D18 and E11	Hydrocarbons (fuels, lubricants and PAHs)	Construction and Maintenance Workers	Dermal contact, Ingestion, Inhalation	Toxic, carcinogenic impact, Explosion	Severe	Low	**Moderate**	The risk to construction/maintenance workers from ground contamination is greater due to direct contact with potentially contaminated material. The risk may be mitigated through use of appropriate PPE and control measures.
3	Former vehicle fueling areas D18 and E11	Hydrocarbons (fuels, lubricants and PAHs)	Future Site Users (Commercial/Industrial)	Dermal contact, Ingestion, Inhalation	Toxic chronic toxicity, Toxic carcinogenic impact, Explosion	Severe	Unlikely	Moderate - Low	Redevelopment to commercial/industrial end use is likely to result in a generally low likelihood of contact with residual contamination
4	Former vehicle fueling areas D18 and E11	Hydrocarbons (fuels, lubricants and PAHs)	Future Site Users (Residential)	Dermal contact, Ingestion, Inhalation	Toxic chronic toxicity, Toxic carcinogenic impact, Explosion	Severe	Low	**Moderate**	Redevelopment to residential end use may result in a greater likelihood of exposure to contamination
5	Former vehicle fueling areas D18 and E11	Hydrocarbons (fuels, lubricants and PAHs)	Neighbouring Site Users	Dermal contact, Ingestion, Inhalation	Toxic chronic toxicity, Toxic carcinogenic impact, Explosion	Severe	Unlikely	Moderate - Low	Migration of contaminants associated with this potential source to neighbouring site users is unlikely given the distance involved and the low permeability of the underlying geology.
6	Former vehicle fueling areas D18 and E11	Hydrocarbons (fuels, lubricants and PAHs)	Groundwater (secondary aquifer and unproductive strata)	Leaching, Migration	Groundwater contamination	Mild	Unlikely	Negligible	Potential sources located on negligible permeability strata

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
7	Former vehicle fuelling areas D18 and E11	Hydrocarbons (fuels, lubricants and PAHs)	Surface Water (site drainage ditches Langford Brook)	Leaching/ Migration Runoff	Water pollution	Medium	Unlikely	Low	Potential sources consist of negligible permeability strata, and vicinity of former fuelling areas is now paved over and used as a car park, therefore limiting the likelihood of this pollutant linkage
8	Former vehicle fuelling areas D18 and E11	Hydrocarbons (fuels, lubricants and PAHs)	Ecological Receptors	Uptake/ Direct contact	Phytotoxicity/ Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to nearby receptors is unlikely given the distance involved and the low permeability of the underlying geology
9	Former vehicle fuelling areas D18 and E11	Hydrocarbons (fuels, lubricants and PAHs)	Agricultural Receptors	Uptake/ Direct contact	Phytotoxicity/ Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to nearby receptors is unlikely given the distance involved and the low permeability of the underlying geology
10	Former vehicle fuelling areas D18 and E11	Hydrocarbons (fuels, lubricants and PAHs)	Buildings and Buried Services (current and future)	Direct contact/ Vapour Migration	Degradation/ Vapour Accumulation/ Explosion	Mild	Low	Low	Areas is paved over/ no buildings in vicinity. Design of new structures in this area may need to consider this potential contaminant source.
11	Former railway workshops D6 and D9	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Site Visitors/ Users (Commercial/ Industrial)	Dermal contact/ Ingestion/ Inhalation	Toxic/ chronic toxicity/ Toxic, carcinogenic/ Explosion	Severe	Unlikely	Moderate/ Low	Former workshops are now dry goods stores and are paved throughout, decreasing the likelihood of this pollutant linkage.
12	Former railway workshops D6 and D9	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Construction and Maintenance Workers	Dermal contact/ Ingestion/ Inhalation	Toxic/ carcinogenic/ Explosion	Severe	Low	**Moderate**	The risk to construction/maintenance workers from ground contamination is greater due to direct contact with potentially contaminated material. The risk may be mitigated through use of appropriate PPE and control measures.

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
13	Former railway workshops D6 and D9	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Future Site Users (Commercial/ Industrial)	Dermal contact, ingestion, inhalation	Toxic, chronic toxicity, Toxic carcinogenic, Impact, Explosion	Severe	Unlikely	Moderate/ Low	Redevelopment to commercial/industrial end use is likely to result in a generally low likelihood of contact with residual contamination. Former workshops are paved throughout, decreasing the likelihood of this pollutant linkage
14	Former railway workshops D6 and D9	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Future Site Users (Residential)	Dermal contact, ingestion, inhalation	Toxic, chronic toxicity, Toxic carcinogenic, Impact, Explosion	Severe	Low	**Moderate**	Redevelopment to residential end use may result in a greater likelihood of exposure to contamination, although the former workshops are paved throughout, decreasing the likelihood of this pollutant linkage
15	Former railway workshops D6 and D9	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Neighbouring Site users	Dermal contact, ingestion, inhalation	Toxic, chronic toxicity, Toxic carcinogenic, Impact, Explosion	Severe	Unlikely	Moderate/ Low	Migration of contaminants associated with this potential source to neighbouring site users is unlikely, given the distance involved and the low permeability of the underlying geology
16	Former railway workshops D6 and D9	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Groundwater (secondary aquifer and unproductive strata)	Leaching, Migration	Groundwater contamination	Mild	Unlikely	Negligible	Potential sources located on negligible permeability strata
17	Former railway workshops D6 and D9	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Surface Water (site drainage ditches, Langford Brook)	Leaching, Migration, Runoff	Water pollution	Medium	Unlikely	Low	Potential sources located on negligible permeability strata and former workshops are now dry good stores and are paved throughout, decreasing the likelihood of this pollutant linkage
18	Former railway workshops D6 and D9	Hydrocarbons (fuels), Lubricants, PAHs), solvents and metals	Ecological Receptors	Uptake, Direct contact	Phytotoxicity, Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to nearby receptors is unlikely, given the distance involved and the low permeability of the underlying geology.

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
19	Former railway workshops D8 and D9	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Agricultural Receptors	Uptake Direct contact	Phytotoxicity Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to nearby receptors is unlikely, given the distances involved and the low permeability of the underlying geology
20	Former railway workshops D8 and D9	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Buildings and Buried Services (current and future)	Direct contact Vapour Migration	Degradation Vapour Accumulation Explosion	Mild	Low	Low	Area is paved over. Design of new structures in this area may need to consider this potential contaminant source
21	Former fire training building B22	Hydrocarbons (fuels, lubricants, PAHs), solvents metals asbestos	Site Workers/Users (Commercial/Industrial)	Dermal contact Ingestion Inhalation	Toxic chronic toxicity Toxic carcinogenic impact Explosion	Severe	Unlikely	Moderate - Low	Building no longer used decreasing the likelihood of this pollutant linkage.
22	Former fire training building B22	Hydrocarbons (fuels, lubricants, PAHs), solvents metals asbestos	Construction and Maintenance Workers	Dermal contact Ingestion Inhalation	Toxic carcinogenic impact Explosion	Severe	Low	**Moderate**	The risk to construction/maintenance workers from ground contamination is greater due to direct contact with potentially contaminated material. The risk may be mitigated through use of appropriate PPE and control measures.
23	Former fire training building B22	Hydrocarbons (fuels, lubricants, PAHs), solvents metals, asbestos	Future Site Users (Commercial/Industrial)	Dermal contact Ingestion Inhalation	Toxic chronic toxicity Toxic carcinogenic impact Explosion	Severe	Unlikely	Moderate - Low	Redevelopment to commercial/industrial end use is likely to result in a generally low likelihood of contact with residual contamination

Table G1 Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
24	Former fire training building E20	Hydrocarbons (fuels, lubricants, PAHs); solvents, metals, asbestos	Future Site Users (Residential)	Dermal contact, Ingestion, Inhalation	Toxic, chronic toxicity, Toxic, carcinogenic impact, Explosion	Severe	Low	**Moderate**	Redevelopment to residential use may result in a greater likelihood of contamination
25	Former fire training building E20	Hydrocarbons (fuels, lubricants, PAHs); solvents, metals, asbestos	Neighbouring Site Users	Dermal contact, Ingestion, Inhalation	Toxic, chronic toxicity, Toxic, carcinogenic impact, Explosion	Severe	Unlikely	Moderate / Low	Migration of contaminants associated with this potential source to neighbouring site users is unlikely, given the distance involved and the low permeability of the underlying geology
26	Former fire training building E20	Hydrocarbons (fuels, lubricants and PAHs)	Groundwater (secondary aquifer and unproductive strata)	Leaching, Migration	Groundwater contamination	Mild	Unlikely	Negligible	Potential sources located on negligible permeability strata
27	Former fire training building E20	Hydrocarbons (fuels, lubricants and PAHs)	Surface Water (site drainage ditches, Langford Brook)	Leaching, Migration, Runoff	Water pollution	Medium	Low	Moderate / Low	Potential sources located on negligible permeability strata. Limiting the likelihood of this pollutant linkage
28	Former fire training building E20	Hydrocarbons (fuels, lubricants and PAHs)	Ecological Receptors	Uptake, Direct contact	Phytotoxicity, Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to nearby receptors is unlikely, given the distance involved and the low permeability of the underlying geology.
29	Former fire training building E20	Hydrocarbons (fuels, lubricants and PAHs)	Agricultural Receptors	Uptake, Direct contact	Phytotoxicity, Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to nearby receptors is unlikely, given the distance involved and the low permeability of the underlying geology
30	Former fire training building E20	Hydrocarbons (fuels, lubricants and PAHs)	Buildings and Buried Services (current and future)	Direct contact, Vapour Migration	Degradation, Vapour Accumulation, Explosion	Mild	Low	Low	Area is paved over. Design of new structures in this area may need to consider this potential contaminant source

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
31	Former waste tip near E15	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Site Visitors/Users (Commercial/Industrial)	Dermal contact, Ingestion, Inhalation	Toxic, chronic toxicity, Toxic carcinogenic impact, Explosion	Severe	Unlikely	Moderate/Low	Area no longer used and relatively inaccessible, decreasing the likelihood of this pollutant linkage
32	Former waste tip near E15	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Construction and Maintenance Workers	Dermal contact, Ingestion, Inhalation	Toxic, carcinogenic impact, Explosion	Severe	Low	**Moderate**	The risk to construction/maintenance workers from ground contamination is greater due to direct contact with potentially contaminated material. The risk may be mitigated through use of appropriate PPE and control measures.
33	Former waste tip near E15	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Future Site Users (Commercial/Industrial)	Dermal contact, Ingestion, Inhalation	Toxic, chronic toxicity, Toxic carcinogenic impact, Explosion	Severe	Unlikely	Moderate/Low	Redevelopment to commercial/industrial end use is likely to result in a generally low likelihood of contact with residual contamination.
34	Former waste tip near E15	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Future Site Users (Residential)	Dermal contact, Ingestion, Inhalation	Toxic, chronic toxicity, Toxic carcinogenic impact, Explosion	Severe	Low	**Moderate**	Redevelopment to residential end use may result in a greater likelihood of contact/ receptor. Existing site investigation in this area indicated elevated metals and slightly elevated sulphates and hydrocarbons within soil samples
35	Former waste tip near E15	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Neighbouring Site Users	Dermal contact, Ingestion, Inhalation	Toxic, chronic toxicity, Toxic carcinogenic impact, Explosion	Severe	Unlikely	Moderate/Low	Migration of contaminants associated with this potential source to neighbouring site users is unlikely, given the distance involved and the low permeability of the underlying geology.

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
36	Former waste tip near E15	Hydrocarbons (Fuels, lubricants and PAHs)	Groundwater (secondary aquifer and unproductive strata)	Leaching Migration	Groundwater contamination	Mild	Unlikely	Negligible	Potential sources located on negligible permeability strata.
37	Former waste tip near E15	Hydrocarbons (Fuels, lubricants and PAHs)	Surface Water (site drainage ditches, Langford Brook)	Leaching Migration Runoff	Water pollution	Medium	Likely	**Moderate**	Action runs directly through this potential
38	Former waste tip near E15	Hydrocarbons (Fuels, lubricants and PAHs)	Ecological Receptors	Uptake Direct contact	Phytotoxicity Toxic	Mild	Low	Low	Migration of contaminants associated with this potential source to nearby receptors is of a generally low likelihood given the distance involved and the low permeability of the underlying geology
39	Former waste tip near E15	Hydrocarbons (Fuels, lubricants and PAHs)	Agriculture Receptors	Uptake Direct contact	Phytotoxicity Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to nearby receptors is unlikely given the distance involved and the low permeability of the underlying geology.
40	Former waste tip near E15	Hydrocarbons (Fuels, lubricants and PAHs)	Buildings and Buried Services (current and future)	Direct contact Vapour Migration	Degradation Vapour Accumulation Explosion	Mild	Likely	Moderate - Low	No structures or services likely to be present in area. Design of new structures in this area will need to consider this potential contaminant source
41	Former waste tip near E15	Landfill gas	Site Visitors/Users (Commercial/Industrial)	Vapour Migration Ingestor	Toxic Explosion	Severe	Unlikely	Moderate - Low	Previous reports indicate wastes date from pre 1980's and are therefore unlikely to still be generating significant quantities of landfill gas. Negligible permeability of surrounding strata will limit lateral migration

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
42	Former waste tip near E15	Landfill gas	Construction and Maintenance Workers	Vapour Migration Inhalation	Toxic Explosion	Severe	Low	**Moderate**	The risk to construction maintenance workers from ground contamination is greater due to direct contact with potentially contaminated materials. The risk may be mitigated through use of appropriate PPE and control measures
43	Former waste tip near E15	Landfill gas	Future Site Users (Commercial/Industrial)	Vapour Migration Inhalation	Toxic Explosion	Severe	Unlikely	Moderate/Low	Previous reports indicate wastes date from pre 1980's and are therefore unlikely to still be generating significant quantities of landfill gas
44	Former waste tip near E15	Landfill gas	Future Site Users (Residential)	Vapour Migration Inhalation	Toxic Explosion	Severe	Unlikely	Moderate/Low	Previous reports indicate wastes date from pre 1980's and are therefore unlikely to still be generating significant quantities of landfill gas
45	Former waste tip near E15	Landfill gas	Neighbouring Site Users	Vapour Migration Inhalation	Toxic Explosion	Severe	Unlikely	Moderate/Low	Previous reports indicate wastes date from pre 1980's and are therefore unlikely to still be generating significant quantities of landfill gas. Negligible permeability of surrounding strata will inhibit lateral migration
46	Former waste tip near E15	Landfill gas	Ecological Receptors	Vapour Migration Inhalation Uptake	Phytotoxicity Explosion Toxic	Mild	Unlikely	Negligible	Previous reports indicate wastes date from pre 1980's and are therefore unlikely to still be generating significant quantities of landfill gas. Negligible permeability of surrounding strata will inhibit lateral migration
47	Former waste tip near E15	Landfill gas	Agricultural Receptors	Vapour Migration Inhalation Uptake	Phytotoxicity Explosion Toxic	Mild	Unlikely	Negligible	Previous reports indicate wastes date from pre 1980's and are therefore unlikely to still be generating significant quantities of landfill gas. Negligible permeability of surrounding strata will inhibit lateral migration

Table G1. Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
48	Former waste tip near E15	Landfill gas	Buildings and Buried Services (current and future)	Vapour Migration	Vapour Accumulation Explosion	Medium	Low	Moderate - Low	Previous reports indicate wastes date from pre 1990's and are therefore unlikely to still be generating significant quantities of landfill gas
49	Former waste tip near E15	Radiological artefacts	Site Visitors/Users (Commercial/Industrial)	Inhalation	Toxic acute toxicity	Severe	Unlikely	Moderate - Low	Previous partial investigation report indicates no radiological readings were above twice that of background levels
50	Former waste tip near E15	Radiological artefacts	Construction and Maintenance Workers	Inhalation	Toxic acute toxicity	Severe	Low	**Moderate**	The risk to construction maintenance workers from ground contamination is greater due to direct contact with potentially contaminated material. The risk may be mitigated through use of appropriate PPE and control measures.
51	Former waste tip near E15	Radiological artefacts	Future Site Users (Commercial/Industrial)	Inhalation	Toxic acute toxicity	Severe	Unlikely	Moderate - Low	Previous partial investigation report indicates no radiological readings were above twice that of background levels
52	Former waste tip near E15	Radiological artefacts	Future Site Users (Residential)	Inhalation	Toxic acute toxicity	Severe	Low	**Moderate**	Previous investigation report indicates no radiological readings were above twice that of background levels
53	Former waste tip near E15	Radiological artefacts	Neighbouring Site Users	Inhalation	Toxic acute toxicity	Severe	Unlikely	Moderate - Low	Previous partial investigation report indicates no radiological readings were above twice that of background levels
54	Railway lines (site wide)	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Site Visitors/Users (Commercial/Industrial)	Dermal contact Ingestion Inhalation	Toxic chronic toxicity Toxic carcinogenic impact Explosion	Severe	Unlikely	Moderate - Low	Much of the 1940's era railway lines and ash ballast has now been very recently replaced, limiting the likelihood of this pathway.

Table G1: Summary of Potential Environmental Risks

Item No	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
55	Railway lines (site wide)	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Construction and Maintenance Workers	Dermal contact, Ingestion, Inhalation	Toxic, carcinogenic, Explosion	Severe	Low	**Moderate**	The risk to construction maintenance workers from ground contamination is greater due to direct contact with potentially contaminated material. The risk may be mitigated through use of appropriate PPE and control measures.
56	Railway lines (site wide)	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Future Site Users (Commercial/ Industrial)	Dermal contact, Ingestion, Inhalation	Toxic, chronic toxicity, Toxic, carcinogenic, Explosion	Severe	Unlikely	Moderate - Low	Redevelopment to commercial/industrial end use is likely to result in a generally low likelihood of contact with residual contamination
57	Railway lines (site wide)	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Future Site Users (Residential)	Dermal contact, Ingestion, Inhalation	Toxic, chronic toxicity, Toxic, carcinogenic, Explosion	Severe	Unlikely	Moderate - Low	Redevelopment to residential end use may result in a greater likelihood of contamination. However, much of the SWMPs are railway lines and as ballast has now been very recently replaced, limiting the likelihood of this linkage
58	Railway lines (site wide)	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Neighbouring Site Users	Dermal contact, Ingestion, Inhalation	Toxic, chronic toxicity, Toxic, carcinogenic, Explosion	Severe	Unlikely	Moderate - Low	Migration of contaminants associated with this potential source to neighbouring site users is unlikely, given the distance involved and the low permeability of the underlying geology
59	Railway lines (site wide)	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Groundwater (secondary aquifer and unproductive strata)	Leaching, Migration	Groundwater contamination	Mod	Unlikely	Negligible	Potential sources located on negligible permeability strata.

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
60	Railway lines (site wide)	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Surface Water (ditches, drainage ditches, Langford Brook)	Leaching, Migration, Runoff	Water pollution	Mild	Unlikely	Negligible	Potential sources located on negligible permeability strata, and much of the 1940's era railway lines and associated ballast has now been very recently replaced, limiting the likelihood of this pathway.
61	Railway lines (site wide)	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Ecological Receptors	Uptake, Direct contact	Phytotoxicity, Toxic	Mild	Low	Low	Migration of contaminants associated with this potential source to nearby receptors is of low likelihood, given the low permeability of the underlying geology.
62	Railway lines (site wide)	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Agricultural Receptors	Uptake, Direct contact	Phytotoxicity, Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to nearby receptors is unlikely, given the distance involved and the low permeability of the underlying geology.
63	Railway lines (site wide)	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Buildings and Buried Services (current and future)	Direct contact, Vapour Migration	Degradation, Vapour Accumulation, Explosion	Medium	Low	Moderate / Low	Design of new structures in the area of the railway lines may need to consider this potential contamination source.
64	POL stores and ports, including fuel tanks (site wide)	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Site Visitors/Users (Commercial/Industry)	Dermal contact, Ingestion, Inhalation	Toxic (chronic toxicity, Toxic, carcinogenic impact), Explosion	Severe	Unlikely	Moderate / Low	Most fuel tanks are above ground. Those tanks below ground, including those at the BFF and DSL have already been investigated, and found only slightly elevated phytotoxic metals (soluble sulphates and hydrocarbons in the soil samples obtained. Bunding around above ground fuel tanks is generally in good order. Water within bunds, where present, appeared clear. Some filling points appeared stained, but little evidence of staining on the ground.

Table G1: Summary of Potential Environmental Risks

Item. No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance Risk Classification	Comment
65	POL stores and ports, including fuel tanks site wide	Hydrocarbons (fuels, lubricants, PAHs); solvents metals asbestos	Construction and Maintenance Workers	Dermal contact Ingestion Inhalation	Toxic carcinogenic impact Explosion	Severe	Low	**Moderate**	The risk to construction/maintenance workers from ground contamination is greater due to direct contact with potentially contaminated material. The risk may be mitigated through use of appropriate PPE and control measures.
66	POL stores and ports, including fuel tanks site wide	Hydrocarbons (fuels, lubricants, PAHs); solvents metals, asbestos	Future Site Users (Commercial/Industry)	Dermal contact Ingestion Inhalation	Toxic chronic toxicity Toxic carcinogenic impact Explosion	Severe	Unlikely	Moderate - Low	Redevelopment to commercial/industrial end use is likely to result in a generally low likelihood of contact with residual contamination
67	POL stores and ports, including fuel tanks site wide.	Hydrocarbons (fuels, lubricants PAHs); solvents metals, asbestos	Future Site Users (Residential)	Dermal contact Ingestion Inhalation	Toxic chronic toxicity Toxic carcinogenic impact Explosion	Severe	Low	**Moderate**	Redevelopment to residential end use may result in a greater likelihood of contamination. West fuel tanks are above ground. These tanks below ground, including those at the BFT and DSL have already been investigated and found only slightly elevated physiotoxic metals, soluble sulphates and hydrocarbons in the soil samples obtained. Bunding around above ground fuel tanks is generally in good order. Water within bunds where present appeared clear. Some filling ports appeared stained, but little evidence of staining on the ground. It is likely that fuel tanks and associated infrastructure would be removed as part of any redevelopment for residential end use limiting the likelihood of this pathway.

Table G1 Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
68	POL stores and points, including fuel tanks site wide	Hydrocarbons (Fuels, lubricants, PAHs), solvents, metals, asbestos	Neighbouring Site Users	Dermal contact, ingestion, inhalation	Toxic, chronic toxicity, Toxic, carcinogenic impact, Explosion	Medium	Unlikely	Low	Migration of contaminants associated with this potential source to neighbouring site users is unlikely given the distance involved and the low permeability of the underlying geology.
69	POL stores and points, including fuel tanks site wide	Hydrocarbons (Fuels, lubricants and PAHs)	Groundwater (secondary aquifer and unproductive strata)	Leaching, Migration	Groundwater contamination	Mild	Unlikely	Negligible	Potential sources overlain by negligible permeability strata.
70	POL stores and points, including fuel tanks site wide	Hydrocarbons (Fuels, lubricants and PAHs)	Surface Water (site drainage ditches, Langford Brook)	Leaching, Migration, Runoff	Water pollution	Medium	Low	Moderate / Low	Potential sources overlain by negligible permeability strata. Most fuel tanks are above ground. Those tanks below ground, including those at the BFT and OSJ have already been investigated, and found slightly elevated polycyclic metals, soluble sulphates and hydrocarbons in the soil samples obtained. Bunding around above ground fuel tanks is generally in good order. Water within bunds where present, appeared clean. Some filling points appeared stained, but little evidence of staining on the ground.
71	POL stores and points, including fuel tanks site wide	Hydrocarbons (Fuels, lubricants and PAHs)	Ecological Receptors	Intake, Direct contact	Phytotoxicity, Toxic	Mild	Low	Low	Migration of contaminants associated with this potential source to nearby receptors is of a low likelihood, given the low permeability of the underlying geology.
72	POL stores and points, including fuel tanks site wide	Hydrocarbons (Fuels, lubricants and PAHs)	Agricultural Receptors	Intake, Direct contact	Phytotoxicity, Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to nearby receptors is unlikely, given the distance involved and the low permeability of the underlying geology.

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance/ Risk Classification	Comment
73	POL stores and ports, including fuel tanks (site wide)	Hydrocarbons (fuels, lubricants and PAHs)	Buildings and Buried Services (current and future)	Direct contact, Vapour Migration	Degradation, Vapour Accumulation, Explosion	Medium	Low	Moderate - Low	Design of new structures in the area of the fuel installations may need to consider this potential contaminant source.
74	Oil/water interceptors (site wide)	Hydrocarbons (fuels and lubricants)	Site Visitors/Users (Commercial/Industrial)	Dermal contact, Ingestion, Inhalation	Toxic chronic toxicity, Toxic carcinogenic impact, Explosion	Severe	Unlikely	Moderate - Low	No evidence of leakage and interceptors are understood to be regularly maintained, limiting the likelihood of the pathway
75	Oil/water interceptors (site wide)	Hydrocarbons (fuels and lubricants)	Construction and Maintenance Workers	Dermal contact, Ingestion, Inhalation	Toxic, carcinogenic impact, Explosion	Severe	Low	**Moderate**	The risk to construction/maintenance workers from ground contamination is greater due to direct contact with potentially contaminated material. The risk may be mitigated through use of appropriate PPE and control measures.
76	Oil/water interceptors (site wide)	Hydrocarbons (fuels and lubricants)	Future Site Users (Commercial/Industrial)	Dermal contact, Ingestion, Inhalation	Toxic chronic toxicity, Toxic carcinogenic impact, Explosion	Severe	Unlikely	Moderate - Low	Redevelopment to commercial/industrial end uses is likely to result in a generally low likelihood of contact with residual contamination
77	Oil/water interceptors (site wide)	Hydrocarbons (fuels and lubricants)	Future Site Users (Residential)	Dermal contact, Ingestion, Inhalation	Toxic chronic toxicity, Toxic carcinogenic impact, Explosion	Severe	Unlikely	Moderate - Low	Redevelopment to residential end use may result in a greater likelihood of contact/ ingestion. However, no evidence of leakage and interceptors are understood to be regularly maintained, limiting the likelihood of the pathway
78	Oil/water interceptors (site wide)	Hydrocarbons (fuels and lubricants)	Neighbouring Site Users	Dermal contact, Ingestion, Inhalation	Toxic chronic toxicity, Toxic carcinogenic impact, Explosion	Severe	Unlikely	Moderate - Low	Migration of contaminants associated with this potential source to neighbouring site users is unlikely given the distance involved and the low permeability of the underlying geology.

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance Risk Classification	Comment
79	Oil water interceptors (site wide)	Hydrocarbons (fuels and lubricants)	Groundwater (secondary aquifer and unproductive strata)	Leaching Migration	Groundwater contamination	Mild	Unlikely	Negligible	Potential sources located on negligible permeability strata. No evidence of leakage and interceptors are understood to be regularly maintained. Limiting the likelihood of this pathway.
80	Oil water interceptors (site wide)	Hydrocarbons (fuels and lubricants	Surface Water (site drainage ditches Langford Brook	Leaching Migration Runoff	Water pollution	Medium	Unlikely	Low	Potential sources located on negligible permeability strata, and no evidence of leakage and interceptors are understood to be regularly maintained. Limiting the likelihood of this pathway.
81	Oil water interceptors (site wide)	Hydrocarbons (fuels and lubricants)	Ecological Receptors	Uptake Direct contact	Phytotoxicity Toxic	Mild	Unlikely	Negligible	Potential sources located on negligible permeability strata, and no evidence of leakage and interceptors are understood to be regularly maintained. Limiting the likelihood of this pathway
82	Oil water interceptors (site wide)	Hydrocarbons (fuels and lubricants)	Agriculture Receptors	Uptake Direct contact	Phytotoxicity Toxic	Mild	Unlikely	Negligible	Potential sources located on negligible permeability strata, and no evidence of leakage and interceptors are understood to be regularly maintained. Limiting the likelihood of this pathway
83	Oil water interceptors (site wide)	Hydrocarbons (fuels and lubricants)	Buildings and Buried Services (current and future)	Direct contact Vapour Migration	Degradation Vapour Accumulation Explosion	Mild	Unlikely	Negligible	Design of new structures in the area may need to consider this potential contaminant source
84	Areas of Made Ground: including D6/D9 and B/FT	Hydrocarbons (fuels Lubricants, PAHs, solvents, metals asbestos	Site Visitors Users (Commercial/ Industrial)	Dermal contact Ingestion Inhalation	Toxic chronic toxicity Toxic carcinogenic impact Explosion	Severe	Unlikely	Moderate - Low	Anecdotal information from site staff says this is likely to be surface shelf fill material from banking activities site-wide from when the soil nailed system was installed and on site levelling activities.

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance/ Risk Classification	Comment
B5	Areas of Made Ground including D6/D9 and B/F	Hydrocarbons (fuels, lubricants, PAHs); solvents, metals, asbestos	Construction and Maintenance Workers	Dermal contact, Ingestion, Inhalation	Toxic, carcinogenic, explosive	Severe	Low	**Moderate**	The risk to construction/maintenance workers from ground contamination is greater due to direct contact with potentially contaminated material. The risk may be mitigated through use of appropriate PPE and control measures.
B6	Areas of Made Ground including D6/D9 and B/F	Hydrocarbons (fuels, lubricants, PAHs); solvents, metals, asbestos	Future Site Users (Commercial/Industrial)	Dermal contact, ingestion, inhalation	Toxic, chronic toxicity, Toxic, carcinogenic, explosive	Severe	Unlikely	Moderate / Low	Redevelopment to commercial/industrial end use is likely to result in a generally low likelihood of contact with residual contamination
B7	Areas of Made Ground including D6/D9 and B/F	Hydrocarbons (fuels, lubricants, PAHs); solvents, metals, asbestos	Future Site Users (Residential)	Dermal contact, ingestion, inhalation	Toxic, chronic toxicity, Toxic, carcinogenic, explosive	Severe	Low	**Moderate**	Redevelopment to residential end use may result in a greater likelihood of contamination. However, anecdotal information from site staff says this is likely to be surplus 'clean' fill material from recent activities elsewhere, not when the sprinkler system was installed and/or site levelling activities
B8	Areas of Made Ground: including D6/D9 and B/F	Hydrocarbons (fuels, lubricants, PAHs); solvents, metals, asbestos	Neighbouring Site Users	Dermal contact, ingestion, inhalation	Toxic, chronic toxicity, Toxic, carcinogenic, explosive	Severe	Unlikely	Moderate / Low	Migration of contaminants associated with the potential source to neighbouring site users is unlikely given the distance involved and the low permeability of the underlying geology
B9	Areas of Made Ground: including D6/D9 and B/F	Hydrocarbons (fuels, lubricants, PAHs); solvents and metals	Groundwater (secondary aquifer and unproductive strata)	Leaching, Migration	Groundwater contamination	Mild	Unlikely	Negligible	Potential sources located on negligible permeability strata

Table G1 Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
90	Areas of Made Ground including D6D9 and B-F	Hydrocarbons (Fuels, Lubricants, PAHs) solvents and metals	Surface Water (site drainage ditches, Langford Brook)	Leaching Migration Runoff	Water pollution	Medium	Low	Moderate / Low	Potential sources could be of negligible permeability strata and anecdotal information from site staff says this is likely to be surplus inert fill material from trenching activities site-wide from when the sprinkler system was installed and/or site leveling activities limiting the likelihood of this pathway.
91	Areas of Made Ground including D6D9 and B-F	Hydrocarbons (Fuels, Lubricants, PAHs) solvents and metals	Ecological Receptors	Intake Direct contact	Phytotoxicity Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to nearby receptors is unlikely given the distance involved and the low permeability of the underlying geology
92	Areas of Made Ground including D6D9 and B-F	Hydrocarbons (Fuels, Lubricants, PAHs) solvents and metals	Agricultural Receptors	Intake Direct contact	Phytotoxicity Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to nearby receptors is unlikely given the distance involved and the low permeability of the underlying geology
93	Areas of Made Ground including D6D9 and B-F	Hydrocarbons (Fuels, Lubricants, PAHs) solvents and metals	Buildings and Buried Services (current and future)	Direct contact Vapour Migration	Degradation Vapour Accumulation Explosion	Mild	Unlikely	Negligible	Design of new structures in the area may need to consider this potential contaminant source
94	Areas of Made Ground including D6D9 and B-F	Radiological artefacts	Site Visitors/Users (Commercial/Industrial)	Inhalation	Toxic acute toxicity	Severe	Unlikely	Moderate / Low	Anecdotal information from site staff says this is likely to be surplus inert fill material from trenching activities site-wide from when the sprinkler system was installed and/or site leveling activities

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
95	Areas of Made Ground including D509 and SFT	Radiological artefacts	Construction and Maintenance Workers	Inhalation	Toxic: acute toxicity	Severe	Low	**Moderate**	The risk to construction/maintenance workers from ground contamination is greater due to direct contact with potentially contaminated material. The risk may be mitigated through use of appropriate PPE and control measures.
96	Areas of Made Ground including D509 and SFT	Radiological artefacts	Future Site Users (Commercial/Industrial)	Inhalation	Toxic: acute toxicity	Severe	Unlikely	Moderate / Low	Anecdotal information from site staff says that is likely to be surplus inert fill material from trenching activities site-wide from when the sprinkler system was installed and/or site leveling activities.
97	Areas of Made Ground including D509 and SFT	Radiological artefacts	Future Site Users (Residential)	Inhalation	Toxic: acute toxicity	Severe	Low	**Moderate**	Anecdotal information from site staff says that is likely to be surplus inert fill material from trenching activities site-wide from when the sprinkler system was installed and/or site leveling activities
98	Areas of Made Ground including D509 and SFT	Radiological artefacts	Neighbouring Site Users	Inhalation	Toxic: acute toxicity	Severe	Unlikely	Moderate / Low	Anecdotal information from site staff says that is likely to be surplus inert fill material from trenching activities site-wide from when the sprinkler system was installed and/or site leveling activities
99	Areas of Made Ground: stockpiles of ash/ballast	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Site Visitors/Users (Commercial/Industrial)	Dermal contact; Ingestion; Inhalation	Toxic: chronic toxicity; Toxic: carcinogenic impact; Explosion	Severe	Unlikely	Moderate / Low	This material may be stockpiled or, at least in part, to the south-east of D7. However, this area of the site does not appear to be in regular use, limiting the likelihood of the pathway.

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
101	Areas of Made Ground: stockpiles of ash ballast	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Construction and Maintenance Workers	Dermal contact Ingestion Inhalation	Toxic carcinogenic impact Explosion	Severe	Low	Moderate	The risk to construction maintenance workers from ground contamination is greater due to direct contact with potentially contaminated material. The risk may be mitigated through use of appropriate PPE and control measures
102	Areas of Made Ground: stockpiles of ash ballast	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Future Site Users (Commercial/Industrial)	Dermal contact Ingestion Inhalation	Toxic chronic toxicity Toxic carcinogenic impact Explosion	Severe	Unlikely	Moderate - Low	Redevelopment to commercial/industrial end use is likely to result in a generally low likelihood of contact with residual contamination.
103	Areas of Made Ground: stockpiles of ash ballast	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Future Site Users (Residential)	Dermal contact Ingestion Inhalation	Toxic chronic toxicity Toxic carcinogenic impact Explosion	Severe	Unlikely	Moderate - Low	Redevelopment to residential end use may result in a greater likelihood of contamination. However, it is likely that stockpiles of this material would be removed as part of any redevelopment for residential use, limiting the likelihood of this pathway
104	Areas of Made Ground: stockpiles of ash ballast	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Neighbouring Site Users	Dermal contact Ingestion Inhalation	Toxic chronic toxicity Toxic carcinogenic impact Explosion	Severe	Unlikely	Moderate - Low	Migration of contaminants associated with this potential source to neighbouring site users is unlikely, given the distance involved
105	Areas of Made Ground: stockpiles of ash ballast	Hydrocarbons (fuels, lubricants, PAHs), solvents and metals	Groundwater (secondary aquifer and unproductive strata)	Leaching Migration	Groundwater contamination	Medium	Low	Moderate - Low	Area to south of D1 in vicinity of suspected stockpiles underlain by a Secondary Aquifer. However principle contaminant source metals and PAHs derived from ash are relatively immobile limiting the likelihood of this linkage.

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
[illegible]	Areas of Made Ground stockpiles of ash ballast	Hydrocarbons (Fuels, Lubricants, PAHs), solvents and metals	Surface Water (Site drainage ditches, Langford Brook)	Leaching, Migration, Runoff	Water pollution	Medium	Low	Moderate / Low	Area to south of OF in vicinity of suspected stockpiles is underlain by a Secondary Aquifer. However principle contaminant source metals and PAHs derived from ash are relatively immobile limiting the likelihood of this linkage
[illegible]	Areas of Made Ground stockpiles of ash ballast	Hydrocarbons (Fuels, Lubricants, PAHs), solvents and metals	Ecological Receptors	Ingestion, Direct contact	Phytotoxicity, Toxic	Mild	Low	Low	Area to south of OF in vicinity of suspected stockpiles is underlain by a Secondary Aquifer. However principle contaminant source metals and PAHs derived from ash are relatively immobile limiting the likelihood of this linkage
[illegible]	Areas of Made Ground stockpiles of ash ballast	Hydrocarbons (Fuels, Lubricants, PAHs), solvents and metals	Agriculture Receptors	Ingestion, Direct contact	Phytotoxicity, Toxic	Mild	Low	Low	Area to south of OF in vicinity of suspected stockpiles is underlain by a Secondary Aquifer. However principle contaminant source metals and PAHs derived from ash are relatively immobile limiting the likelihood of this linkage.
[illegible]	Areas of Made Ground stockpiles of ash ballast	Hydrocarbons (Fuels, Lubricants, PAHs), solvents and metals	Buildings and Buried Services (current and future)	Direct contact, Vapour Migration	Degradation, Vapour Accumulation, Explosion	Mild	Low	Low	Design of new structures in the area may need to consider the potential contaminant source
[illegible]	Offsite sources (generic range within St David's Barracks)	Metals	Site Visitors/Users (Commercial/Industrial)	Dermal contact, Ingestion, Inhalation	Toxic, chronic toxicity, Toxic, carcinogenic impact	Severe	Unlikely	Moderate / Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
111	Off site sources: former rifle range within St David's Barracks	Metals	Construction and Maintenance Workers	Dermal contact Ingestion Inhalation	Toxic carcinogenic impact	Severe	Unlikely	Moderate - Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology
111	Off site sources: former rifle range within St David's Barracks	Metals	Future Site Users (Commercial/ Industrial)	Dermal contact Ingestion Inhalation	Toxic chronic toxicity Toxic carcinogenic impact	Severe	Unlikely	Moderate - Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
112	Off site sources: former rifle range within St David's Barracks	Metals	Future Site Users (Residential)	Dermal contact Ingestion Inhalation	Toxic chronic toxicity Toxic carcinogenic impact	Severe	Unlikely	Moderate - Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
113	Off site sources: former rifle range within St David's Barracks	Metals	Neighbouring Site Users	Dermal contact Ingestion Inhalation	Toxic chronic toxicity Toxic carcinogenic impact	Severe	Unlikely	Moderate - Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
114	Off site sources: former rifle range within St David's Barracks	Metals	Groundwater (secondary aquifer and unproductive strata)	Leaching Migration	Groundwater contamination	Low	Unlikely	Negligible	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
115	Off site sources: former rifle range within St David's Barracks	Metals	Surface Water (site drainage ditches, Langford Brook)	Leaching Migration Run-off	Water pollution	Medium	Unlikely	Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.

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Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance/ Risk Classification	Comment
116	Off site sources: former rifle range within St David's Barracks	Metals	Ecological Receptors	Uptake/ Direct contact	Phytotoxicity/ Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
117	Off site sources: former rifle range within St David's Barracks	Metals	Agricultural Receptors	Uptake/ Direct contact	Phytotoxicity/ Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
118	Off site sources: former rifle range within St David's Barracks	Metals	Buildings and Buried Services (current and future)	Direct contact	Degradation	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
119	Off site sources: former rifle range within St David's Barracks	Explosives residues	Site Visitors/Users (Commercial/Industrial)	Dermal contact/ ingestion/ inhalation	Toxic/ chronic toxicity/ Toxic/ carcinogenic impact/ Explosion	Severe	Unlikely	Moderate/ Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
120	Off site sources: former rifle range within St David's Barracks	Explosives residues	Construction and Maintenance Workers	Dermal contact/ ingestion/ inhalation	Toxic/ carcinogenic impact/ Explosion	Severe	Unlikely	Moderate/ Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
121	Off site sources: former rifle range within St David's Barracks	Explosives residues	Future Site Users (Commercial/Industrial)	Dermal contact/ ingestion/ inhalation	Toxic/ chronic toxicity/ Toxic/ carcinogenic impact	Severe	Unlikely	Moderate/ Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.

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Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
122	Off site sources former rifle range within St David's Barracks	Explosives residues	Future Site Users (Residential)	Dermal contact Ingestor Inhalation	Toxic chronic toxicity Toxic carcinogenic impact	Severe	Unlikely	Moderate - Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
123	Off site sources former rifle range within St David's Barracks	Explosives residues	Neighbouring Site Users	Dermal contact Ingestor Inhalation	Toxic chronic toxicity Toxic carcinogenic impact	Severe	Unlikely	Moderate - Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
124	Off site sources former rifle range within St David's Barracks	Explosives residues	Groundwater (secondary aquifer and unproductive strata)	Leaching Migration	Groundwater contamination	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
125	Off site sources former rifle range within St David's Barracks	Explosives residues	Surface Water (site drainage ditches, Langford Brook)	Leaching Migration Runoff	Water pollution	Medium	Unlikely	Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
126	Off site sources former rifle range within St David's Barracks	Explosives residues	Ecological Receptors	Uptake Direct contact	Phytotoxicity Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
127	Off site sources: former rifle range within St David's Barracks	Explosives residues	Agricultural Receptors	Uptake Direct contact	Phytotoxicity Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.

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126	Off site sources: former rifle range west of St. David's Barracks	Explosives residues	Buildings and Buried Services (current and future)	Direct contact	Degradation	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
129	Off site sources: sewage treatment works, St. David's Barracks and rest of DSDC Bicester site	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Site Visitors/Users (Commercial/Industrial)	Dermal contact, ingestion, inhalation	Toxic, chronic toxicity, Toxic, carcinogenic impact, Explosion	Severe	Unlikely	Moderate / Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
130	Off site sources: sewage treatment works, St. David's Barracks and rest of DSDC Bicester site	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Construction and Maintenance Workers	Dermal contact, ingestion, inhalation	Toxic, carcinogenic impact, Explosion	Severe	Unlikely	Moderate / Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
131	Off site sources: sewage treatment works, St. David's Barracks and rest of DSDC Bicester site	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Future Site Users (Commercial/Industrial)	Dermal contact, ingestion, inhalation	Toxic, chronic toxicity, Toxic, carcinogenic impact	Severe	Unlikely	Moderate / Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
132	Off site sources: sewage treatment works St Davids Barracks and rest of DSDC Bicester site	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Future Site Users (Residential)	Dermal contact, Ingestion, Inhalation	Toxic chronic toxicity, Toxic carcinogenic impact	Severe	Unlikely	Moderate - Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
133	Off site sources: sewage treatment works St Davids Barracks and rest of DSDC Bicester site	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Neighbouring Site Users	Dermal contact, Ingestion, Inhalation	Toxic chronic toxicity, Toxic carcinogenic impact	Severe	Unlikely	Moderate - Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
134	Off site sources: sewage treatment works, St Davids Barracks and rest of DSDC Bicester site	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Groundwater (secondary aquifer and unproductive strata)	Leaching, Migration	Groundwater contamination	Medium	Unlikely	Negligible	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
135	Off site sources: sewage treatment works, St Davids Barracks and rest of DSDC Bicester site	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Surface Water (site drainage ditches, Langford Brook)	Leaching, Migration, Runoff	Water pollution	Medium	Unlikely	Low	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.

Table G1: Summary of Potential Environmental Risks

Item No.	Area/ Building	Potential Pollutant (Source)	Potential Receptor	Potential Pathway to Receptor	Associated Hazard	Potential Consequence of S-R Link	Likelihood of Source-Receptor Linkage	Significance: Risk Classification	Comment
136	Off site sources: sewage treatment works, St David's Barracks and rest of DSDC Bicester site	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Ecological Receptors	Volatile Direct contact	Phytotoxicity, Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
137	Off site sources: sewage treatment works, St David's Barracks and rest of DSDC Bicester site	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Agriculture Receptors	Volatile Direct contact	Phytotoxicity, Toxic	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.
138	Off site sources: sewage treatment works, St David's Barracks and rest of DSDC Bicester site	Hydrocarbons (fuels, lubricants, PAHs), solvents, metals, asbestos	Buildings and Buried Services (current and future)	Direct contact	Degradation	Mild	Unlikely	Negligible	Migration of contaminants associated with this potential source to the site is unlikely, given the distance involved and the low permeability of the underlying geology.