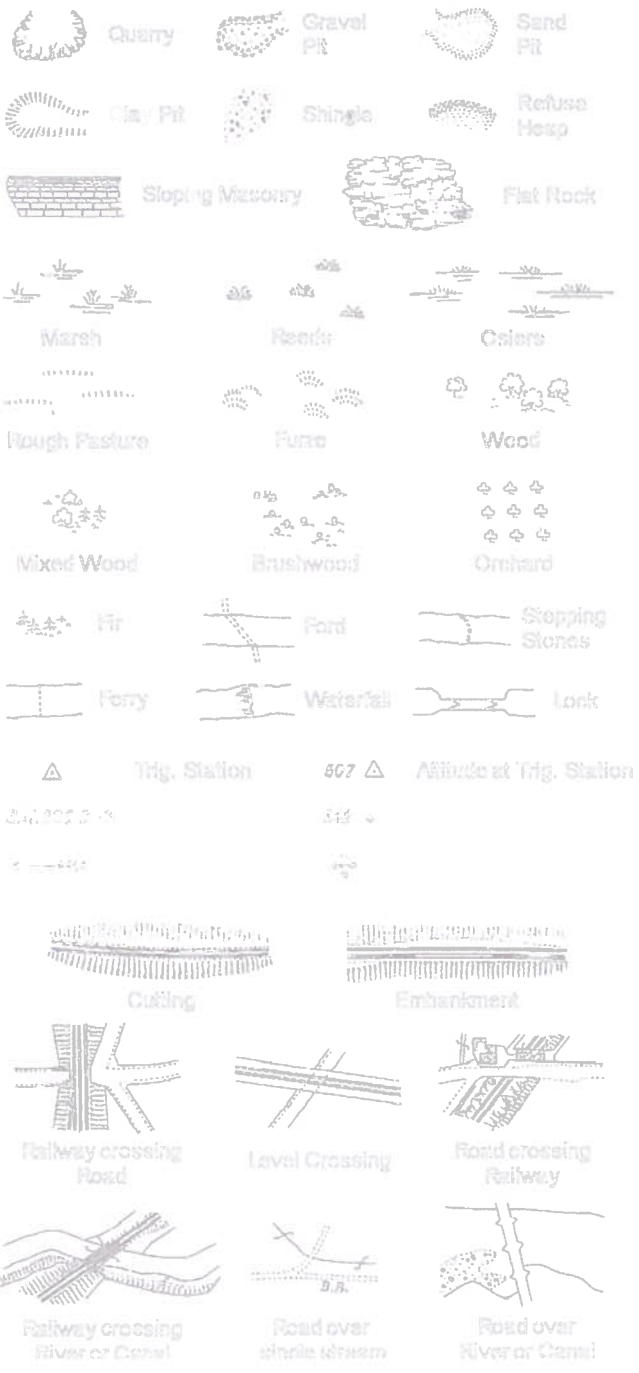
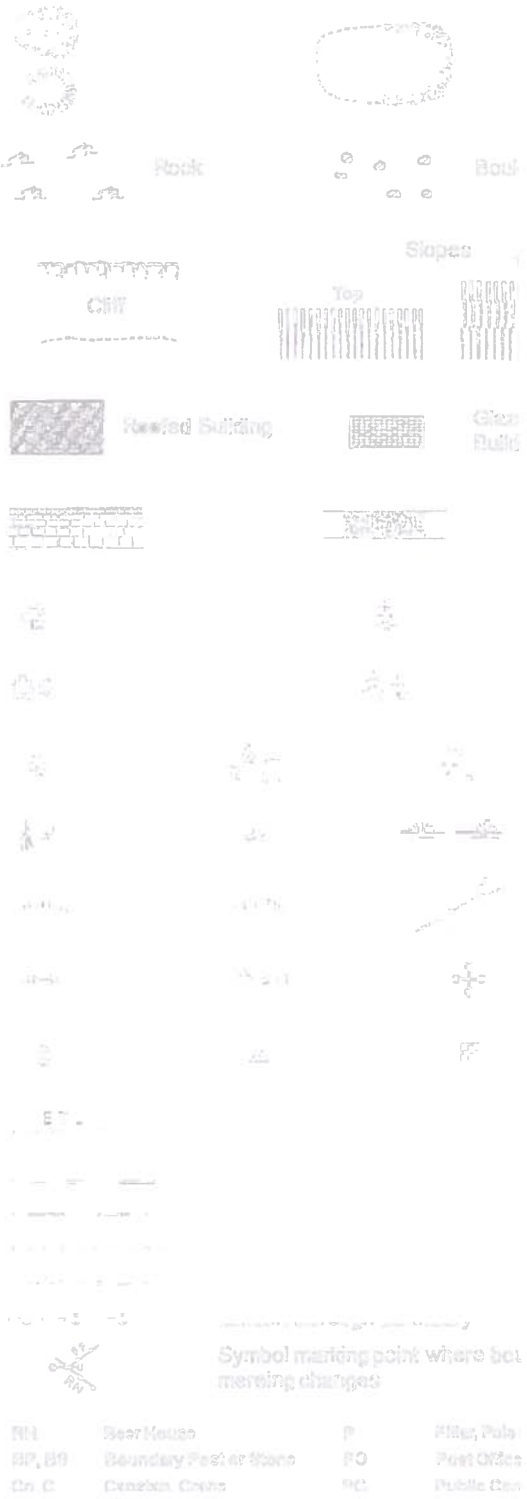
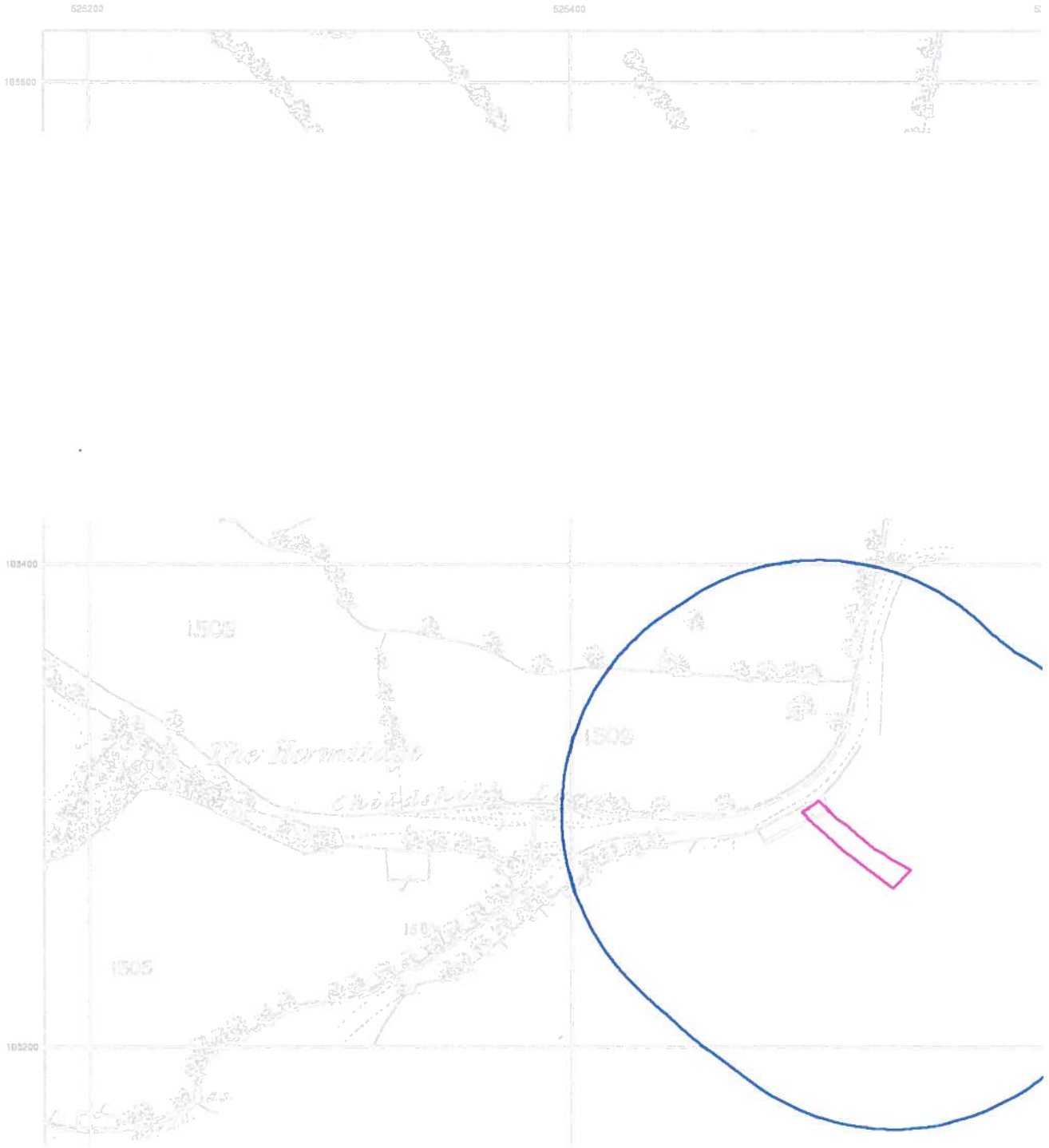
Historical Mapping Leg

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



Ordnance Survey Plan, Additional S Supply of Unpublished Survey Infor 1:2,500 and 1:1,250





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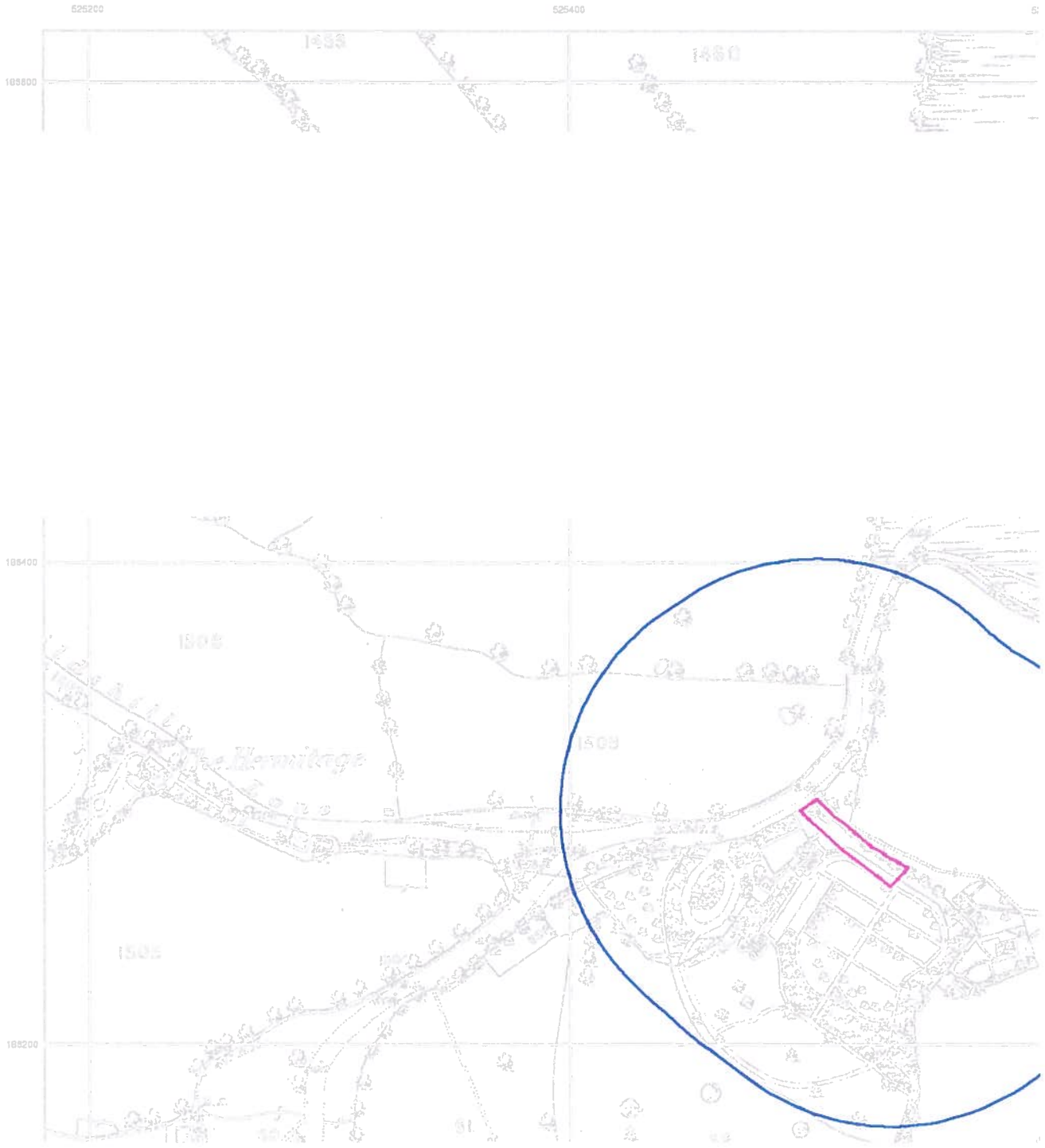

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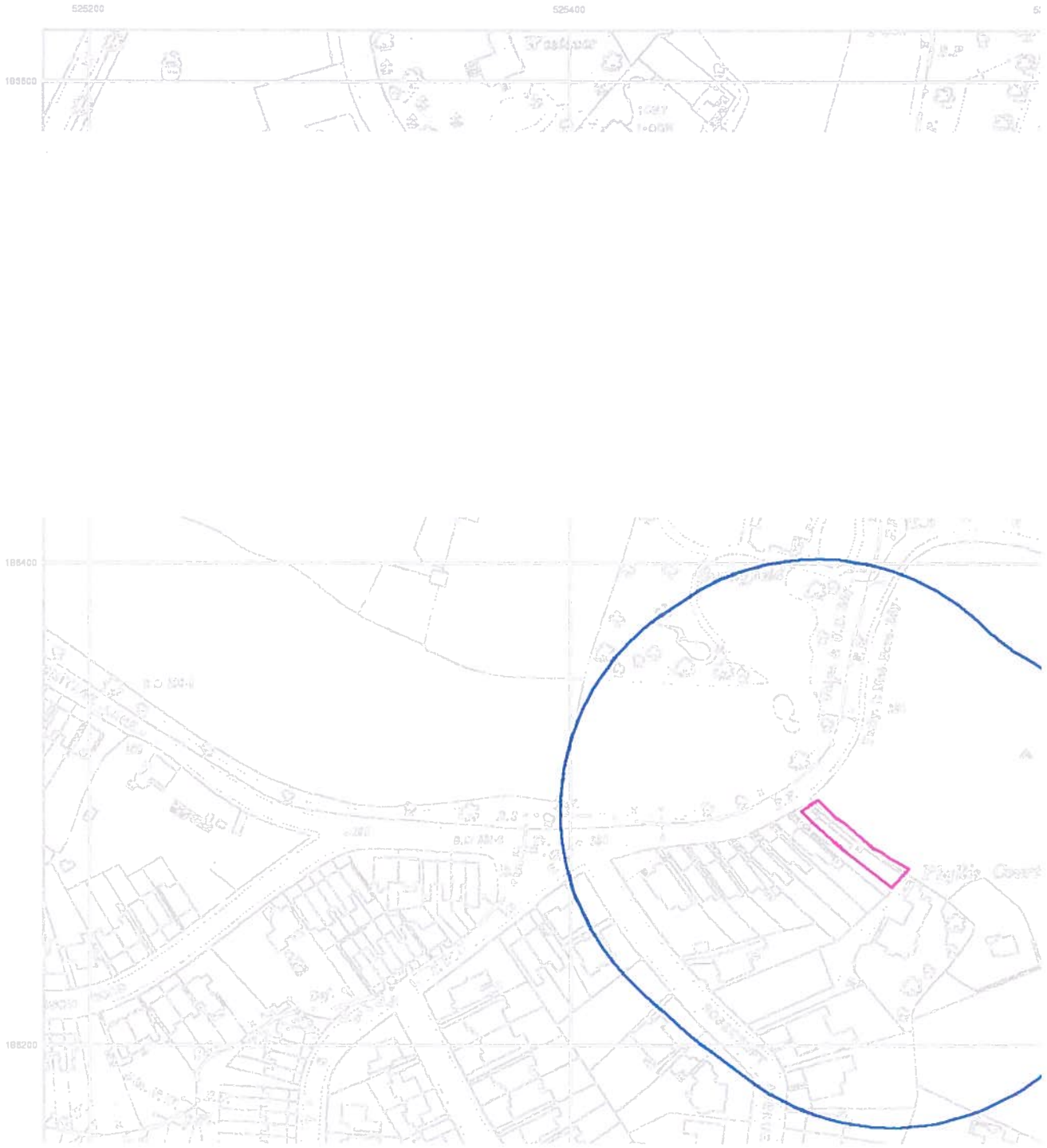

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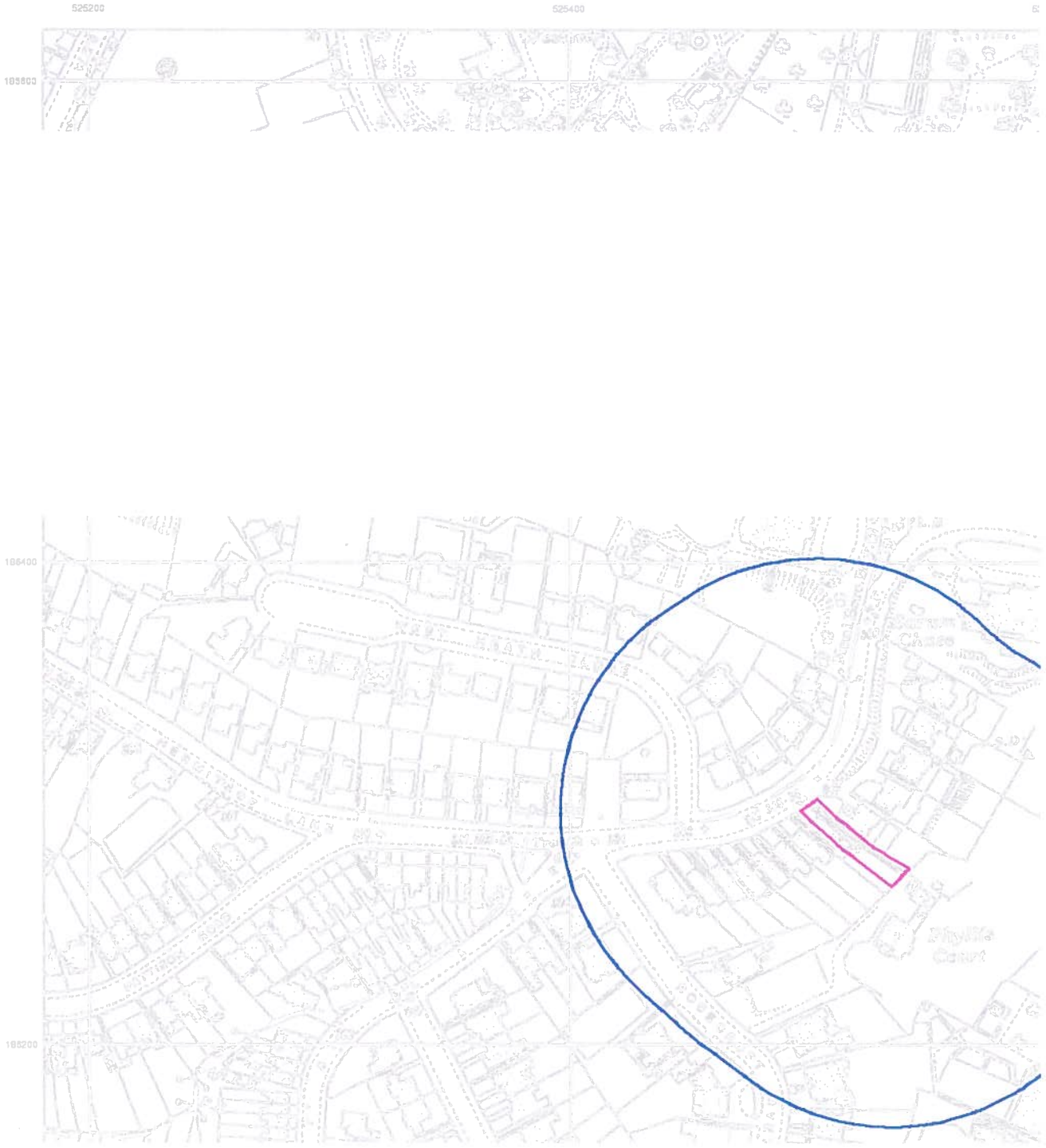

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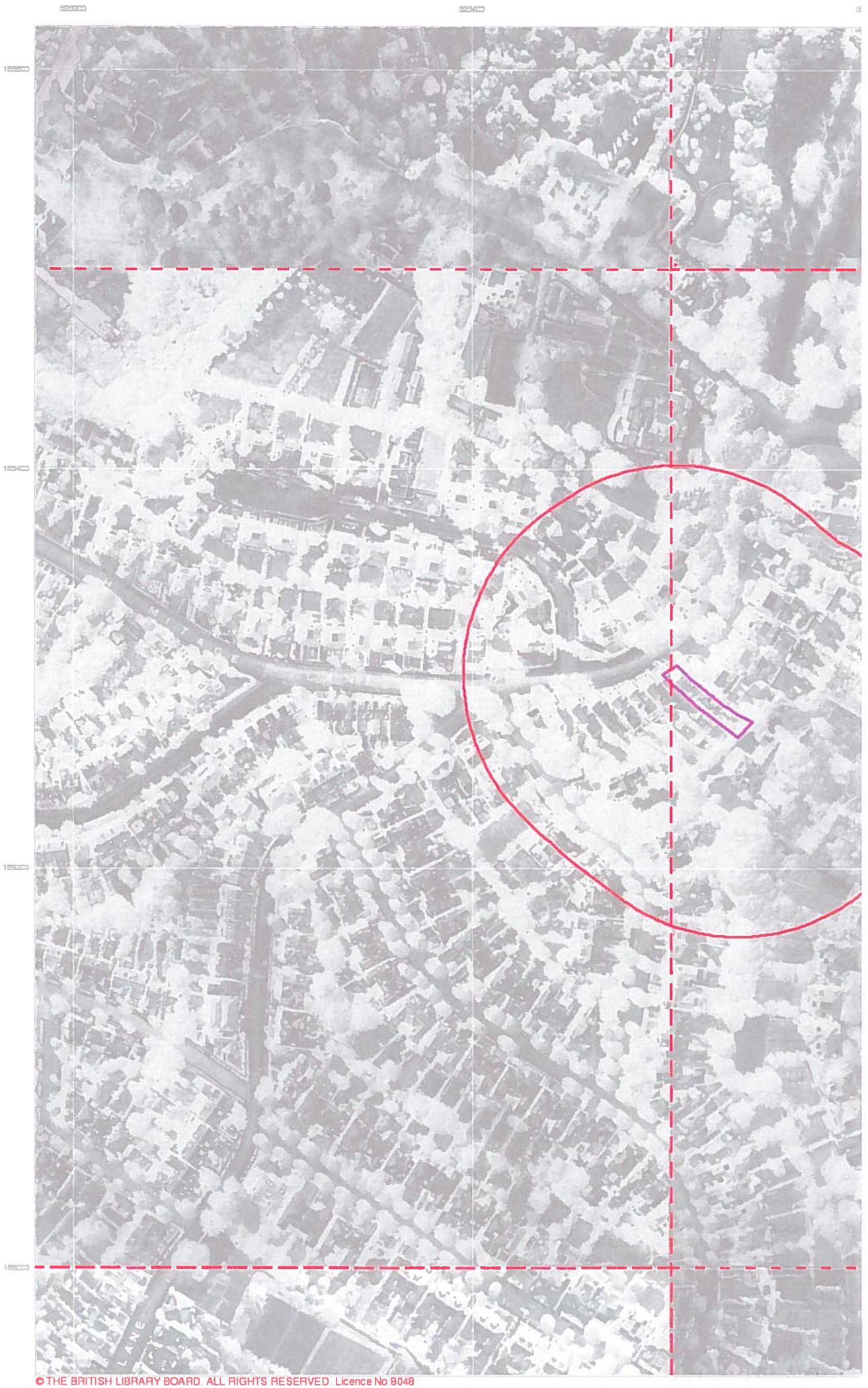

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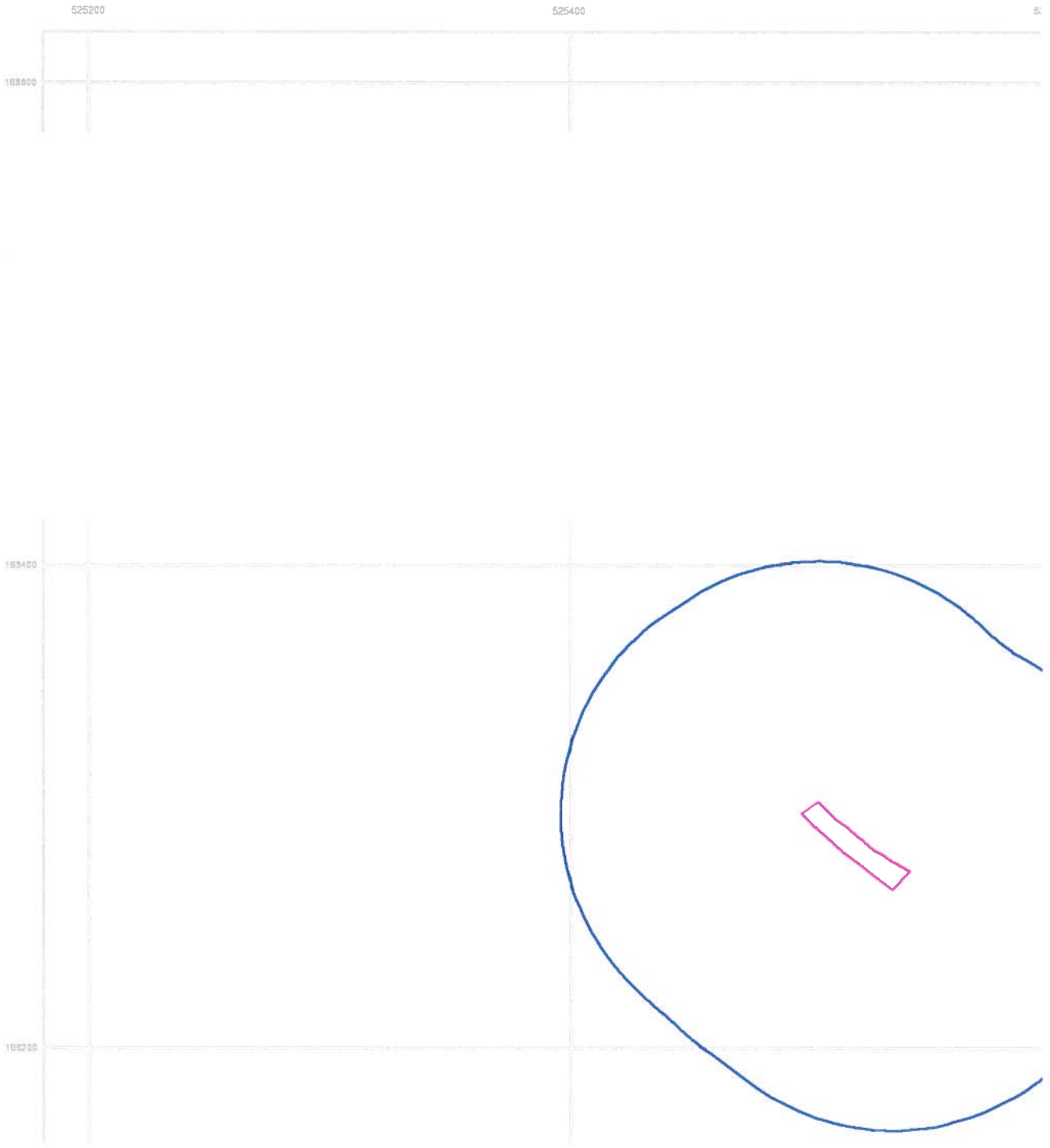

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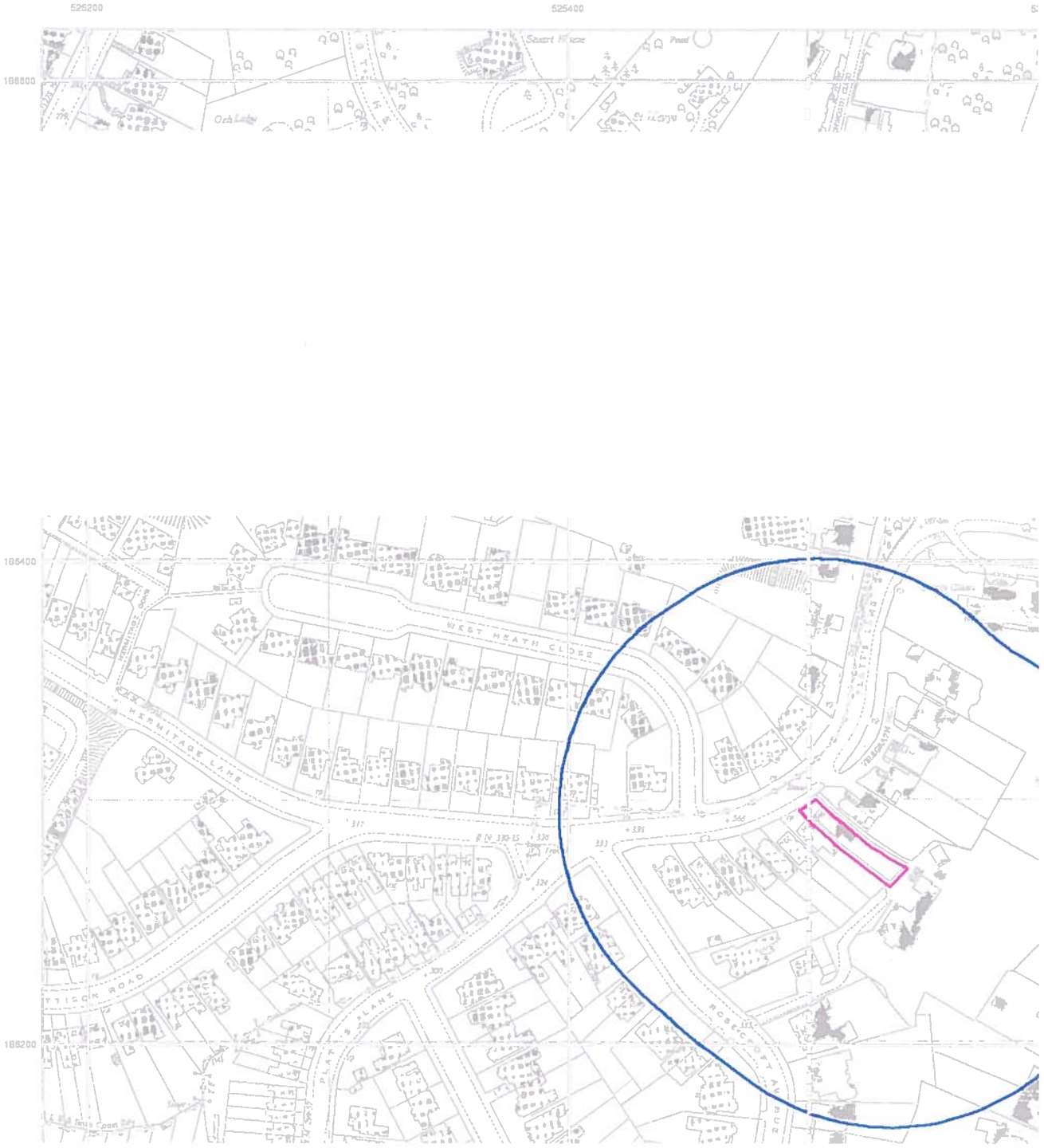

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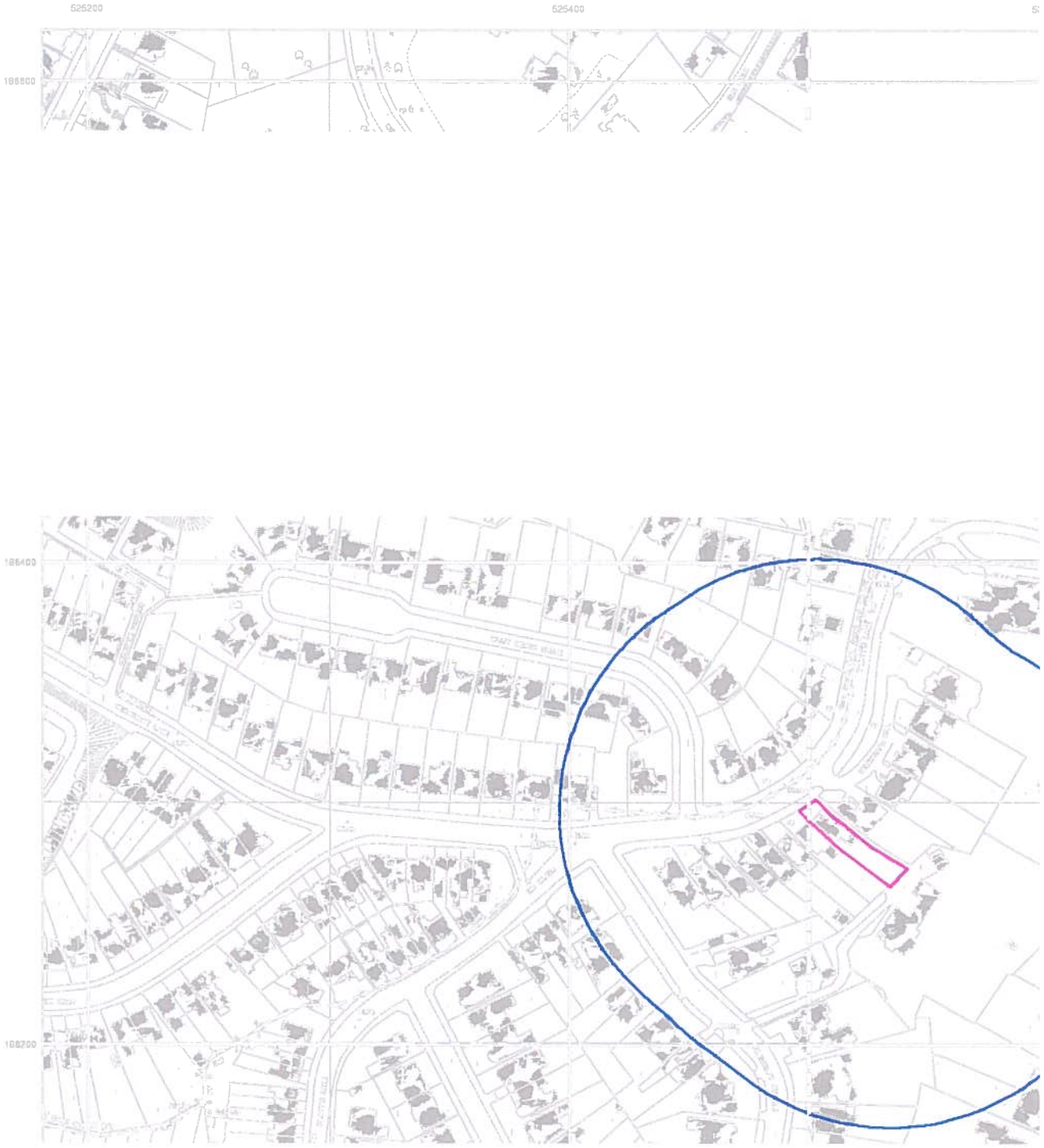

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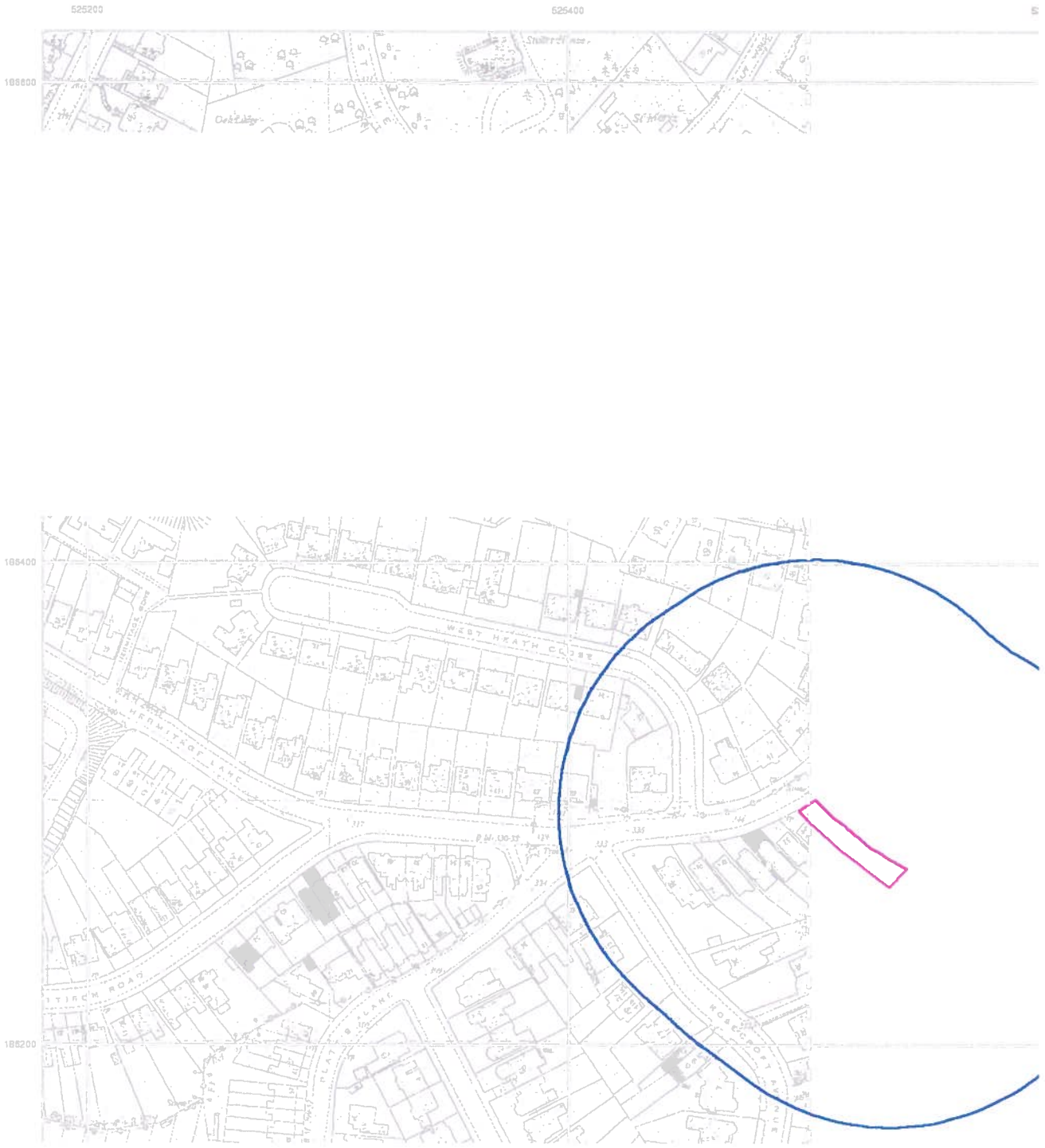

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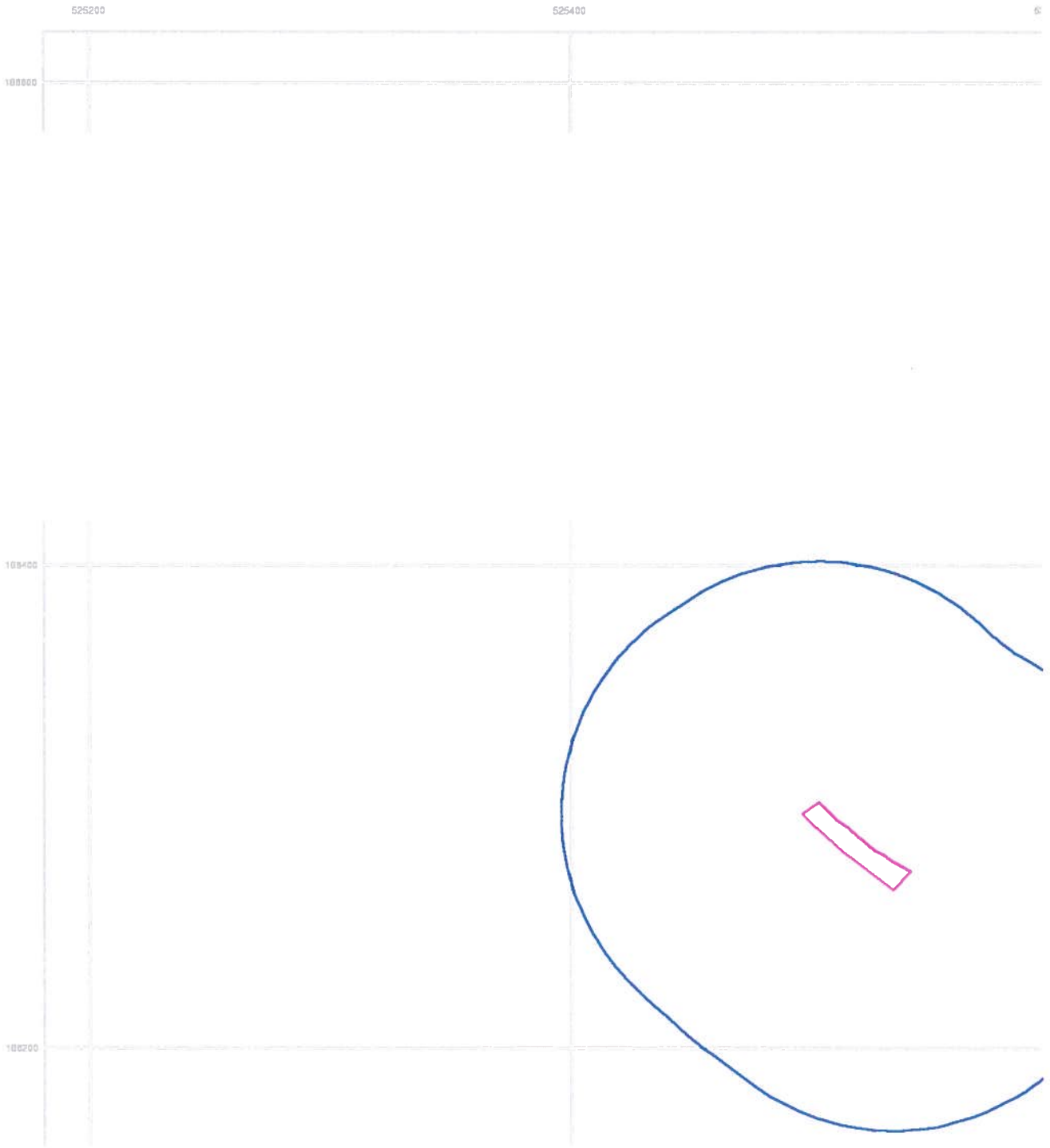

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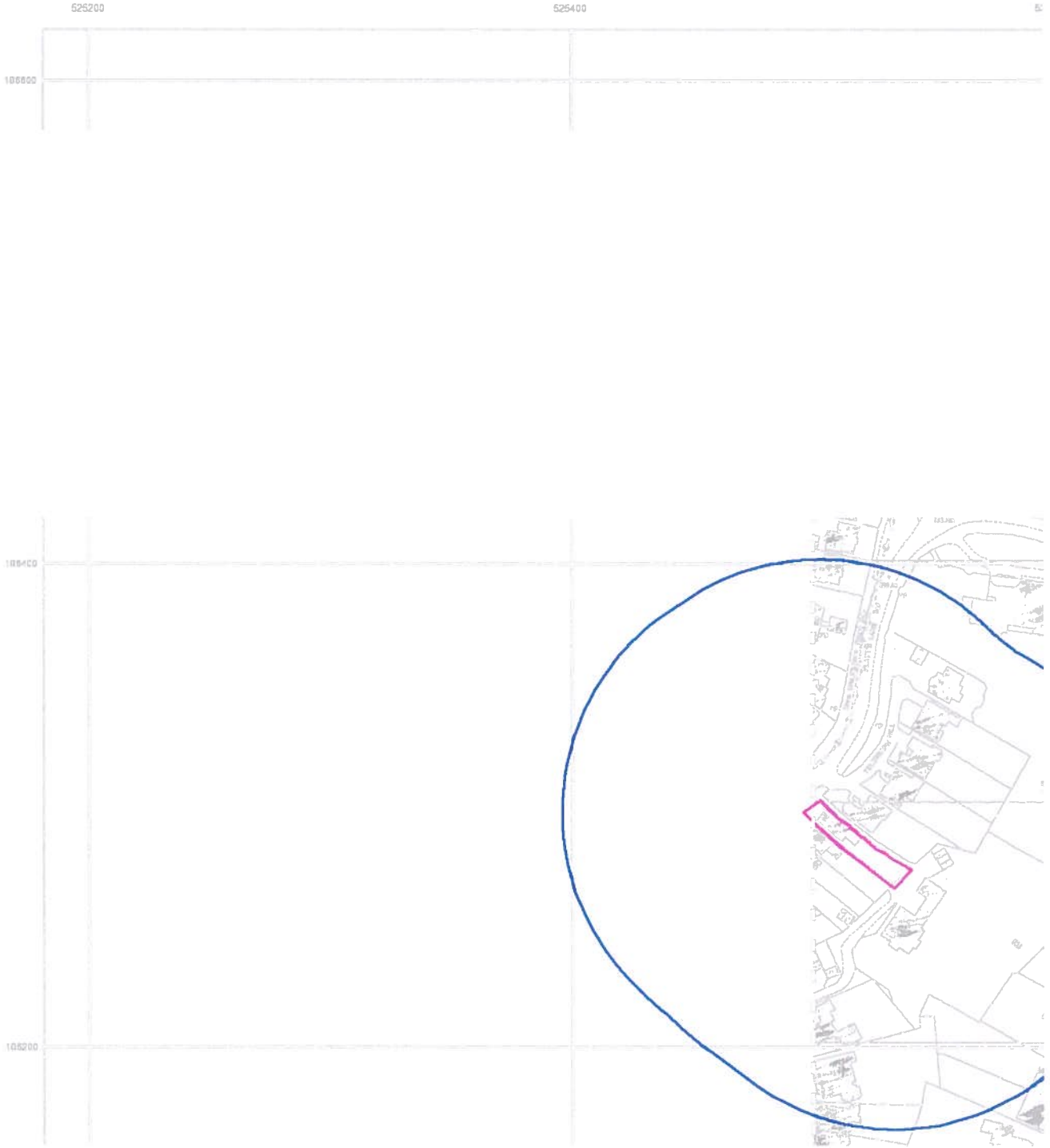

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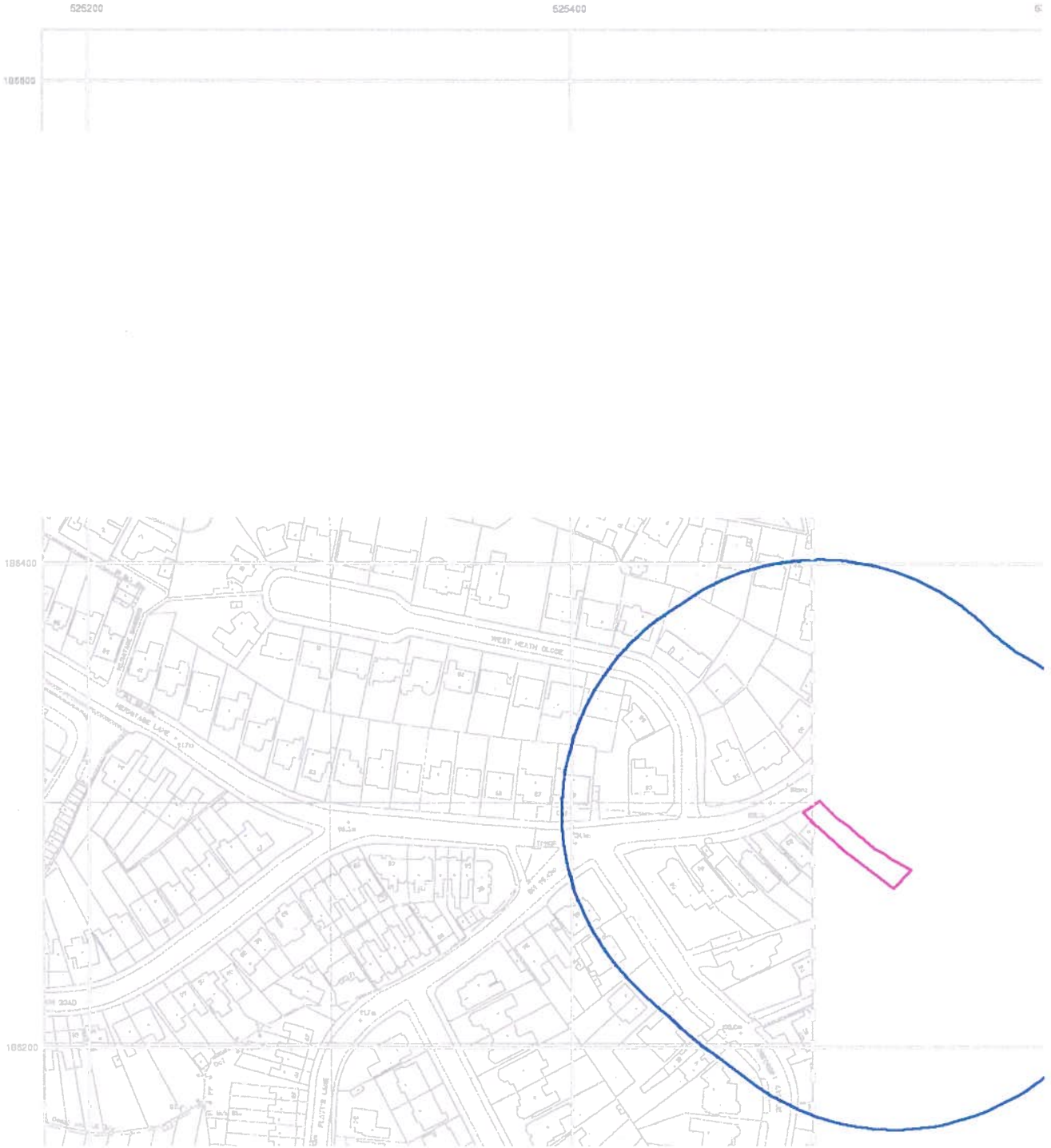

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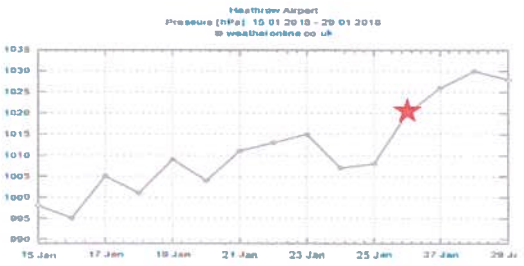

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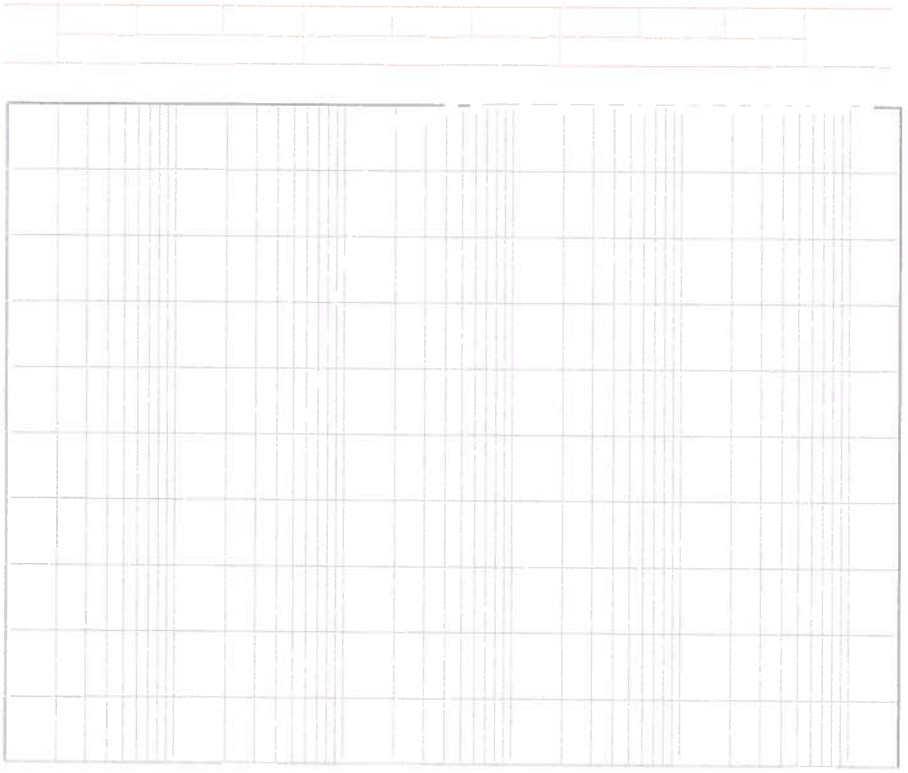


Land
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Croxley Green
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Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 18-73608

Project / Site name:	56 Platts Lane	**Samples received on:**	22/01/2018
Your job number:	LS3267	**Samples instructed on:**	22/01/2018
Your order number:		**Analysis completed by:**	31/01/2018
Report Issue Number:	1	**Report issued on:**	31/01/2018
Samples Analysed:	1 leachate sample - 5 soil samples		

Signed:

Jordan Hill
Reporting Manager
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-710 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.

Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status
General Inorganics			
Total Phenols			
Speciated PAHs			
Total PAH			
Heavy Metals / Metalloids			

Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status
Monoaromatics			
Petroleum Hydrocarbons			
PCBs by GC-MS			
Total PCBs by GC-MS			

Analytical Parameter (Leachate Analysis)	Units	Limit of detection	Accreditation Status
10:1 WAC Leachate			

10:1 WAC Leachate

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status

4041

Environmental Science

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status

HazWasteOnline™

Job name

56 Platts Lane, NW3 7NT

Description/Comments

Project

53267

Site

56 Platts Lane, NW3 7NT

Waste Stream Template

Land Science 01

Classified by

Report

Job summary

WS2	0.50

Appendix A: Classifier defined and non CLP determinands
Appendix B: Rationale for selection of metal species
Appendix C: Version

Classification of sample: WS2

Non Hazardous Waste
17 05 04

Sample details

WS2

0.50 m

15%
(no correction)

17 Construction and Demolition Wastes (including excavated soil from contaminated sites)
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

Determinands

15% No Moisture Correction applied (MC)

CLP index number	EC Number	CAS Number	User entered data				
		PH	8.3	pH			
604-001-00-2	203-632-7	108-95-2	<1	mg/kg	<0.0001 %	<1	mg/kg <0.0001 %
601-052-00-2	202-049-5	91-20-3	<0.05	mg/kg		<0.05	mg/kg <0.000005 %
	205-917-1	208-96-8	<0.05	mg/kg		<0.05	mg/kg <0.000005 %
	201-469-6	83-32-9	<0.05	mg/kg		<0.05	mg/kg <0.000005 %
	201-695-5	86-73-7	<0.05	mg/kg		<0.05	mg/kg <0.000005 %
	201-581-5	85-01-8	1.9	mg/kg			
	204-371-1	120-12-7	0.42	mg/kg			
	205-912-4	206-44-0	3.9	mg/kg			
	204-927-3	129-00-0	5.2	mg/kg			
601-033-00-9	200-280-6	56-55-3	1.7	mg/kg			
601-048-00-0	205-923-4	218-01-9	1.5	mg/kg			
601-034-00-4	205-911-9	205-99-2	1.7	mg/kg			
601-036-00-5	205-916-6	207-08-9	0.87	mg/kg			
601-032-00-3	200-028-5	50-32-8	1.5	mg/kg			
	205-893-2	193-39-5	0.7	mg/kg			

CLP index number	EC Number	CAS Number	User entered data				
601-041-00-2	200-181-8	53-70-3	<0.05	mg/kg	<0.05	mg/kg	<0.000005 %
	205-883-8	191-24-2	0.5	mg/kg			
	205-881-7	191-07-1	<0.05	mg/kg	<0.05	mg/kg	<0.000005 %
033-003-00-0	215-481-4	1327-53-3	11	mg/kg			
	215-127-9	1304-28-5	56	mg/kg			
004-003-00-8	215-133-1	1304-56-9	0.75	mg/kg			
005-008-00-8	215-125-8	1303-86-2	1.7	mg/kg			
048-002-00-0	215-146-2	1306-19-0	<0.2	mg/kg	<0.228	mg/kg	<0.0000228 %
024-001-00-0	215-607-8	1333-82-0	<1.2	mg/kg	<2.308	mg/kg	<0.000231 %
029-002-00-X	215-270-7	1317-39-1	16	mg/kg			
082-004-00-2	231-846-0	7758-97-6	37	mg/kg			
080-010-00-X	231-299-8	7487-94-7	<0.3	mg/kg	<0.406	mg/kg	<0.0000406 %
028-035-00-7	238-766-5	14721-18-7	18	mg/kg			
034-002-00-8			<1	mg/kg	<2.554	mg/kg	<0.000255 %
023-001-00-8	215-239-8	1314-62-1	49	mg/kg			
024-007-00-3			44	mg/kg			
601-020-00-8	200-753-7	71-43-2	<1	mg/kg	<1	mg/kg	<0.0001 %
601-021-00-3	203-625-9	108-88-3	<1	mg/kg	<1	mg/kg	<0.0001 %
601-023-00-4	202-849-4	100-41-4	<1	mg/kg	<1	mg/kg	<0.0001 %
601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<2	mg/kg	<2	mg/kg	<0.0002 %
		TPH	17	mg/kg			
602-039-00-4	215-648-1	1336-36-3	<0.007	mg/kg	<0.007	mg/kg	<0.0000007 %

Supplementary Hazardous Property Information

Force this Hazardous property to non hazardous because No sign/evidence of contamination on site. No malodour

Appendix A: Classifier defined and non CLP determinands

Appendix B: Rationale for selection of metal species

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

Cr(VI) below detection levels

Reasonable case CLP species based on hazard statements/molecular weight. Industrial sources include: most common (non alloy) form; used in ceramics (edit as required)

Reasonable case CLP species based on hazard statements/ molecular weight, physical form and low solubility. Industrial sources include: fluxing agent for glass/enamels; additive for fibre optics; borosilicate glass (edit as required)

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

Worst case CLP species based on hazard statements/molecular weight. Industrial sources include: production stainless steel; electroplating; wood preservation; anti-corrosion agents or coatings; pigments (edit as required)

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal; brake pads; pigments; antifouling paints; fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

Worst case CLP species based on hazard statements/molecular weight (edit as required)

Worst case CLP species based on hazard statements/molecular weight (edit as required)

Worst case CLP species based on hazard statements/molecular weight (edit as required)

Harmonised group entry used as most reasonable case. Pigment cadmium sulphoselenide not likely to be present in this soil. No evidence for the other CLP entries: sodium selenite, nickel II selenite and nickel selenide, to be present in this soil. (edit as required)

Worst case CLP species based on hazard statements/molecular weight (edit as required)

Worst case CLP species based on hazard statements/molecular weight (edit as required)

Appendix C: Version

WM3 1st Edition, May 2015