

LAND AT NEW ROAD FARM, MELKSHAM

DRAINAGE STRATEGY

November 2025

Bloor Homes

RESIDENTIAL
LAND AT NEW ROAD FARM
MELKSHAM

DRAINAGE STRATEGY

CONTROLLED DOCUMENT

Document No:	027.5014/DS/2	
Status:	Original	
	Name	*Date*
Prepared by:	R. Uddin	14/11/2025
Checked by:	M. Weedon	16/11/2025
Approved by:	C. Owen-Hughes	17/11/2025

Revision Record				
Rev.	*Date*	*By*	*Summary of Changes*	*Aprvd*
1	17/11/2025	RU	First issue	COH
2	01/12/2025	MW	Updated following comments	MW

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1. INTRODUCTION

1.1 This Drainage Strategy has been prepared by Paul Basham Associates on behalf of Bloor Homes to support an outline planning application for a residential development. The land is located at New Road Farm in Melksham. The nearest postcode is SN12 7GZ.

1.2 The plot size is approximately 14.95ha and the land currently comprises of several open fields divided by watercourses, ditches and hedgerows.



Figure 1: Site Location Plan

Development Proposals

1.3 This planning application seeks outline planning permission for residential development; public open space including formal play space and allotments; sustainable drainage systems and associated infrastructure; a 100 place nursery and access points for pedestrians and cyclists. All matters are reserved except for access, the principal point of access is to be provided from a new northern arm onto an improved arrangement of the Eastern Way/A3102 roundabout junction and an emergency access onto the A3102. The Illustrative Masterplan Layout has been included in **Appendix A**.

2. SITE DESCRIPTION

Topography

2.1 The topographical survey (**Appendix B**) shows the site is relatively flat with the eastern fields sloping from a level of 44.8 mAOD to 42.22 mAOD and the southwestern field sloping from 44.41 AOD to 42.98 AOD and the northwestern field sloping from 43.26 AOD to 42.13 AOD.

Ground Conditions

2.2 The ground investigation, conducted by Eastwood Consulting Engineers dated 16 October 2023 document ref. 48309-ECE-XX-XX-RP-C-0002 (**Appendix C**), indicates that the existing ground conditions were found to comprise of topsoil over firm to stiff sand gravely clay becoming very stiff clay of the Oxford Clay Formation generally between the depths of 0.8m to 1.4m.

2.3 During infiltration testing, it was found that the site does not support infiltration and therefore this will not be a viable means of discharging the surface water run-off. See below extract from Section 7.8 of the Eastwood Consulting Engineers report where it is discussed.

> **7.8 Surface Water Drainage**
>
> Infiltration tests were undertaken in six locations (SAA to SAF) spread across the proposed residential development area.
>
> Five of the tests were undertaken within the superficial slightly sandy clay at between 0.9 and 1.1 m bgl and one was undertaken within the underlying Oxford Clay at 2 m bgl.
>
> Each of the tests was allowed to run for at least three hours and over this time period the water level in the pits did not drop. As such it has not been possible to calculate infiltration rates.
>
> Based on these results infiltration drainage is unlikely to be viable and alternative surface water drainage options will need to be considered.

Figure 2: Infiltration Extract from Eastwood Consulting Engineers Report

2.4 Ground water was not encountered during the investigation.

Hydrology

2.5 There are two watercourses and several existing ditches running through the site.

2.6 The watercourse falling from west to east conveys the surface water runoff from the existing attenuation pond within the residential development to the west of this site.

2.7 The ditches within the site convey the runoff from the fields.

2.8 Ultimately these ditches and the watercourse mentioned above, discharge into a watercourse described by the Environmental Agency as a 'main river' which runs from south to north

through the site that eventually connects into the River Avon approximately 1.2km west of the site.

Public Sewer

2.9 Wessex Water mapping and correspondence (**Appendix D**) shows the nearest point of connection for the foul sewer is approximately 220m west of the site, manhole Ref: 6224 with an invert level of 39.43mAOD.

Greenfield rates and volumes

2.10 The greenfield run-off rates for the existing site have been estimated using the HR Wallingford online calculator on the UK SuDS website. The site is split into four catchments; therefore, the run-off rates have been calculated for each catchment, the results from HR Wallingford within **Appendix E** however for ease a summary of these results are shown in Table 1 below.

	Catchment 1 2.19 ha	Catchment 2a 0.97 ha	Catchment 2b 0.55 ha	Catchment 3 5.64 ha
Q_{BAR} (l/s):	12.42	5.59	3.17	32.48
1 in 1 year (l/s)	9.69	4.36	2.47	25.33
1 in 30 years (l/s)	24.22	10.89	6.18	63.34
1 in 100 years (l/s)	30.18	13.57	7.70	78.93

Table 1: Greenfield runoff Rates

2.11 In addition to the above, the pre-development runoff volume for the 100-year, 6-hour storm event has been calculated using InfoDrainage and FEH data. A summary of the results is provided in Table 2, with full calculations included in the Audit Report in **Appendix F**.

	Pre-Development Volume for the 1in100 yr 6 hour event (m^3)
Catchment 1	755.398
Catchment 2a	334.583
Catchment 2b	189.712
Catchment 3	1945.408

Table 2: Pre-Development Volume

3. CLIMATE CHANGE

Peak Rainfall Intensity Allowance

3.1 The "Flood Risk Assessments: Climate Change Allowances Guidance" 2016 (updated in 2022) published by the EA indicates that climate change is currently expected to result in increased peak rainfall and rising sea levels.

3.2 **Table 3** and **Table 4** shows anticipated changes in peak rainfall intensity in small and urban catchments within England for the 1% AEP and the 3.3% AEP, respectively. The development is classed as more vulnerable, and the design life is approximately 100 years and therefore the Upper End Allowance has been assessed.

3.3 The peak rainfall intensity allowance for the 1% AEP event is 45%

Epoch	Central Allowance	Upper End Allowance
2050s	25%	40%
2070s	25%	45%

Table 3: Peak Rainfall Intensity allowance in small and urban catchments. 1%AEP Events
Source: https://environment.data.gov.uk/hydrology/climate-change-allowances/rainfall

The peak rainfall intensity allowance for the 3.3% AEP event is 40%

Epoch	Central Allowance	Upper End Allowance
2050s	20%	35%
2070s	25%	40%

Table 4: Peak Rainfall Intensity allowance in small and urban catchments. 3.3%AEP Events
Source: https://environment.data.gov.uk/hydrology/climate-change-allowances/rainfall

4. DRAINAGE STRATEGY

Surface Water Drainage Strategy

4.1 In line with Standard 1 of the National Standards for Sustainable Drainage Systems, surface water shall discharge to one of the following, listed in order of priority:

- Collected for non-potable use,
- Infiltrated to ground,
- Discharged to an above ground surface water body
- Discharged to a surface water sewer, or another piped surface water drainage system.
- Discharged to a combined sewer.

4.2 The site is divided into four catchments, and the proposed surface water drainage strategy is to direct run-off from each catchment to its own SuDS attenuation basin. From there, water will be discharged at a controlled rate (as outlined in paragraph 4.6) in accordance with Wiltshire Council's Drainage and Betterment Strategy requirements. This will be managed through complex flow control chambers. Drainage Strategy Layouts can be found in **Appendix H**.

4.3 The pre-and post-development rates have been calculated for each of the four catchments as shown in Error! Reference source not found. and the Catchment Plan provided in **Appendix I.**

4.4 The design offers a minimum of 30% betterment to all pre-development greenfield discharge rates, for all storms between the 1:1yr to 1:100yr (including climate change allowance) return period events. As the calculations have been based off FEH rainfall data, the minimum event that can be simulated is a 1:2 yr event, therefore, the 1:2yr discharge rate has been based on the 1:1yr Greenfield rate.

4.5 An audit has been completed for the 6-hour, 1-in-100-year rainfall event (including climate change) to confirm that there is no increase in discharge volume from the catchment compared to pre-development conditions. See below Table 5 for a summary of the results, with full calculations within the Audit Reports in **Appendix F**.

	Pre-Development Volume for the 1in100 yr 6 hour event (m^3)	Post-Development Volume for the 1in100 yr 6 hour event (m^3)	Pass/Fail
Catchment 1	755.398	386.671	Pass
Catchment 2a	334.583	166.989	Pass
Catchment 2b	189.712	89.068	Pass
Catchment 3	1945.408	943.905	Pass

Table 5: Pre-Development vs Post-Development Volumes

4.6 Post-development runoff volume has been controlled by reducing the greenfield discharge rate by a minimum of 30% as per the Wiltshire Council Drainage and Betterment Strategy.

Rainfall Event	Total Area	Greenfield Rate	Post Development Rate
	Ha.	l/s	l/s
Catchment 1			
Qbar	2.19	12.42	/
1:1 yr		9.69	6.7 (1:2yr)
1:30 Yr		24.22	10.4
1:100 Yr		30.18	12.8
Catchment 2a			
Qbar	0.97	5.59	/
1:1 yr		4.36	2.6(1:2yr)
1:30 Yr		10.89	4.5
1:100 Yr		13.57	5.5
Catchment 2b			
Qbar	0.55	3.17	/
1:1 yr		2.47	1.3(1:2yr)
1:30 Yr		6.18	2.5
1:100 Yr		7.70	3.0
Catchment 3			
Qbar	5.64	32.48	/
1:1 yr		25.33	16.2(1:2yr)
1:30 Yr		63.34	26.1
1:100 Yr		78.93	31.7

Table 6: Run-off rates

Hydraulic Calculations

4.7 Hydraulic calculations have been undertaken within InfoDrainage software and are available in **Appendix G**.

4.8 The below **Table 7** contains the parameters used in the supporting InfoDrainage network modelling.

Parameter	Input	Guidance/notes
Rainfall Data	FEH	FEH22 -
Urban Creep	10%	Provided for all houses only
CV (Summer and Winter)	1.0	SFA 7 and Wiltshire Council Drainage and Betterment Strategy June 2024
Modelled Strom Events	1 in 2 1 in 30 1 in 100	-
Climate Change 3.3% AEP 1% AEP	 40% 45%	EA Climate change allowances for peak rainfall in England https://environment.data.gov.uk/hydrology/climate-change-allowances/rainfall

Table 7: Hydraulic Modelling Parameters

4.9 The hydraulic model has been designed to ensure that no flooding occurs during any of the simulated storms for all catchments.

4.10 The water level for all basins during the 1:100 +45% CC storm maintains a minimum 300mm freeboard.

4.11 The attenuation features have all be assessed for the 1:30 +40% event and have all indicated a half drain time of less than 1440mins, these results have been summarised in Table 8 below:

Rainfall Event	Attenuation Basin Half Drain Time
Catchment 1	640 mins
Catchment 2a	300 mins
Catchment 2b	505 mins
Catchment 3	715 mins

Table 8: Attenuation Basins Half Drain Time

Foul Water Drainage Strategy

4.12 The proposal for the foul drainage is for plots 79 to 295 to be conveyed to a proposed foul water pump station in the north of the site. This will be pumped via a rising main to connect to a proposed manhole (F53) forming part of the gravity system serving plots 1-78. The foul water will then connect via gravity into the existing Wessex Water MH ref 6224 approximately 220m west of the site, via a proposed S104 foul sewer.

4.13 A pre-application capacity check enquiry has been made with Wessex Water, which confirms at this stage that there is adequate capacity in their existing network. For the correspondence from Wessex Water refer to **Appendix D.**

5. WATER QUALITY

5.1 **Figure 3** to **Figure 4** are extracted from the SuDS Manual and demonstrate the pollution risks associated with various discharge situations.

TABLE 26.2 Pollution hazard indices for different land use classifications

Land use	Pollution hazard level	Total suspended solids (TSS)	Metals	Hydro-carbons
Residential roofs	Very low	0.2	0.2	0.05
Other roofs (typically commercial/ industrial roofs)	Low	0.3	0.2 (up to 0.8 where there is potential for metals to leach from the roof)	0.05
Individual property driveways, residential car parks, low traffic roads (eg cul de sacs, homezones and general access roads) and non-residential car parking with infrequent change (eg schools, offices) ie < 300 traffic movements/day	Low	0.5	0.4	0.4
Commercial yard and delivery areas, non-residential car parking with frequent change (eg hospitals, retail), all roads except low traffic roads and trunk roads/motorways[1]	Medium	0.7	0.6	0.7
Sites with heavy pollution (eg haulage yards, lorry parks, highly frequented lorry approaches to industrial estates, waste sites), sites where chemicals and fuels (other than domestic fuel oil) are to be delivered, handled, stored, used or manufactured; industrial sites; trunk roads and motorways[1]	High	0.8[2]	0.8[2]	0.9[2]

Figure 3: Table 26.2 of the SuDS Manual

TABLE 26.3 Indicative SuDS mitigation indices for discharges to surface waters

	Mitigation indices[1]		
Type of SuDS component	**TSS**	**Metals**	**Hydrocarbons**
Filter strip	0.4	0.4	0.5
Filter drain	0.4[2]	0.4	0.4
Swale	0.5	0.6	0.6
Bioretention system	0.8	0.8	0.8
Permeable pavement	0.7	0.6	0.7
Detention basin	0.5	0.5	0.6
Pond[4]	0.7[3]	0.7	0.5
Wetland	0.8[3]	0.8	0.8
Proprietary treatment systems[5,6]	These must demonstrate that they can address each of the contaminant types to acceptable levels for frequent events up to approximately the 1 in 1 year return period event, for inflow concentrations relevant to the contributing drainage area.		

Figure 4: Table 26.3 of the SuDS Manual

5.2 The UKSuDS Water Quality toolkits (based on the Simple Index Assessment method) has been used to assess water quality improvement for the site. The assessment has been completed for both low traffic roads and residential roofs, however as per the Simple Index Assessment method, the assessment has been based on low traffic roads having the worst pollution indices out of the two land uses. Table 9 below summarises the results of the toolkit, and a full copy of the toolkit can be found in Appendix J.

Land Use			SuDS Component			Water Treatment
Low Traffic Roads			Attenuation Basin			
Pollution Indices			Mitigation Indices			
TSS	Metals	Hydrocarbons	TSS	Metals	Hydrocarbons	Sufficient
0.5	0.4	0.4	0.5	0.5	0.6	

Table 9: Water Quality Summary

6. SUMMARY AND CONCLUSION

6.1 This drainage strategy has been prepared by Paul Basham Associates to support the outline planning application for the proposed development.

6.2 Infiltration testing found that the site does not support infiltration, so this will not be a viable means of discharging surface water.

6.3 The proposed surface water drainage strategy for this site is to discharge into the existing ditches within the site at a restricted discharge rate, as per the Wiltshire Council Drainage and Betterment Strategy, June 2024.

6.4 Surface water is proposed to drain via gravity towards the north of each catchment into the existing watercourse.

6.5 The surface water network has been hydraulically modelled to ensure that no flooding occurs during the 100% AEP event, 3.33% AEP event (+40% climate change) and 1% AEP event (+45% climate change).

6.6 Foul water from 216 plots is proposed to drain via gravity towards a proposed pump station north of the site, which will discharge to a proposed manhole forming part of the gravity system servicing the remainder of the plots within the southwest corner of the site. The foul water ultimately discharges via gravity to an existing Wessex Water foul sewer.

Appendix A



Status **DRAFT**

Notes:
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This drawing is for planning purposes only and is not to be used as a basis for construction.
Do not scale from this drawing - use figured dimensions only.

Client: Bloor Homes Limited

Project title: Land off Sandridge Common, Melksham

Drawing title: Illustrative Masterplan

Scale:	1:2500@A3
Date:	24.09.2025
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Appendix B



SURVEY STATIONS				
Name	Easting	Northing	Height	Remark
N1	391947.775	164279.989	43.818	Nail
PGM1	391925.893	164259.224	43.899	PGM
PGM2	391842.450	164410.140	42.940	PGM
PGM3	391935.115	164457.409	43.305	PGM
PGM4	392062.123	164298.789	43.258	PGM
PGM5	392130.919	164411.885	43.645	PGM
PGM6	392164.587	164335.395	43.216	PGM
PGM7	392122.033	164522.469	44.380	PGM
PGM8	391774.897	164519.797	43.431	PGM
PGM9	391930.835	164622.733	42.343	PGM
PGM10	391896.071	164480.450	42.701	PGM
PGM11	392075.331	164592.941	44.795	PGM
PGM12	392128.402	164628.267	45.057	PGM
PGM13	392068.466	164710.870	43.281	PGM
PGM14	392192.082	164768.192	43.656	PGM
PGM15	392194.203	164842.199	43.415	PGM
PGM16	392063.662	164848.668	41.977	PGM
T1	392148.022	164236.310	44.438	Nail
T2	392159.455	164308.505	43.821	Nail
T3	392218.972	164341.627	43.811	Nail
T4	392255.815	164370.976	43.820	Peg
T5	392102.258	164281.512	44.051	Nail
T6	392029.380	164274.133	43.787	Nail
T7	391928.191	164247.783	44.141	Nail
T8	391820.310	164221.914	45.085	Nail
T9	391802.623	164230.334	44.913	Peg
T10	391814.083	164262.309	44.367	Nail
T11	391766.201	164363.799	43.913	Nail
T12	391736.738	164415.221	43.803	Nail
T13	392246.323	164423.026	43.938	Peg
T14	392222.390	164492.806	43.927	Peg
T15	392191.992	164562.781	44.605	Peg
T15A	392191.545	164606.123	45.153	Nail
T16	392200.345	164656.566	45.245	Peg
T16A	392195.776	164711.132	44.642	Nail
T17	392205.836	164771.993	44.093	Peg
T18	392209.271	164847.969	43.850	Peg

UNDERGROUND UTILITIES LEGEND

Line label	Description
	STORM WATER SEWER (SWS)
	FOUL WATER SEWER (FWS)
	COMBINED SEWER (CWS)
	SEWER
	ELECTRIC CABLE
HV	HIGH VOLTAGE CABLE
LV	LOW VOLTAGE CABLE
BT	TELECOMS CABLE
TV	CABLE TELEVISION
TS	TRAFFIC LIGHT SIGNAL CABLE
WATER	UNDERGROUND WATER SUPPLY
GAS	GAS
GAS (MP)	GAS MEDIUM PRESSURE
GAS (IP)	GAS INTERMEDIATE PRESSURE
GAS (HP)	GAS HIGH PRESSURE
OIL	OIL PIPE
UNK	UNKNOWN SERVICE METALLIC
GPR	UNKNOWN SERVICE FOUND WITH GPR
CABLE	UNKNOWN SERVICE CABLE
ED	EMPTY DUCT
OH (TYPE)	OVERHEAD CABLE
SA	CCTV NOTES - SURVEY ABANDONED
Note attached eg. BT 0.6 B2	Type Depth Quality

UNDERGROUND UTILITY SURVEY NOTES:
This survey has been carried out to the standard, as described by The Survey Association (TSA), for a Level 4 Survey, (PAS128 Type B) Utilities on this drawing have been detected using non invasive technologies. The performance of these technologies can be adversely affected by ground conditions which are out of the control of Brunel Surveys . Consequently some utilities may be undetectable and therefore, whilst Brunel Surveys uses best endeavours to detect all utilities we cannot guarantee that 100% detection can always be achieved.
Irrespective of the information provided by a utility survey and statutory plans, any groundworks should be undertaken with extreme caution and in accordance with health and safety executive guidelines HSG 47 AVOIDING DANGER FROM UNDERGROUND SERVICES

LEGEND

AV	Air Valve	GV	Gas Valve	SVP	Soil Vent Pipe
BL	Bollard	GY	Gulley	THL	Threshold Level
BH	Bore Hole	Ht	Height	TL	Traffic Light
BS	Bus Stop	IC	Inspection Cover	TP	Telegraph Pole
BT	Telecom Cover	IL	Invert Level	TS	Traffic Sign
CL	Cover Level	KI	Kerb Inlet	ITS	Illuminated TS
DP	Down Pipe	LC	Lamp Column	TT	Tree Top
EY	Electricity Cover	MH	Manhole	TV	Cable TV Cover
EOS	End of Survey	MK-(Type)	Marker Post	TWL	Top of Wall level
EOT	End of Trace	OH	Overhead Cable	UTL	Unable to Lift
EP	Electricity Pole	PB	Post Box	UTS	Unable to Survey
ER	Earth Rod	RE	Rodding Eye	UTT	Unable to Trace
FFL	Finished Floor Level	RNP	Road Name Plate	VP	Vent Pipe
FH	Fire Hydrant	SC	Stop Cock (Water)	VT	Vegetation Top
FP	Fence Post	SL	Silt Level	WL	Water Level
GP	Gate Post	SP	Sign Post	WM	Water Meter
GPR	Ground Penetrating Radar	SV	Stop Valve	WO	Wash Out

KEY

STN1 SURVEY STATION — GATE — BANK — FOLIAGE — CLIFF

50m — MAJOR CONTOUR

MINOR CONTOUR (0.25m interval)

NOTES

Level Datum: OS National Grid OSGM15

Grid Orientation: OS National Grid OSTN15

Scale Factor: Scale Factor 0.99960203

The contractor is to check and verify all critical dimensions and levels before work starts.

Every effort is made to identify all visible above ground features. However, it may be possible that certain features are obscured at the time of survey.

Brunel Surveys Ltd
Land, Building and Utility Surveyors

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WEB : www.brunelsurveys.com
TEL : 01793 784700

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Bloor Homes South West
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Wiltshire
SN25 4DL

JOB TITLE
Topographical / Drainage / Underground Utilities Survey

New Farm
New Road
Melksham
SN12 7QY

REVISIONS

Sheet 1 of 12

Underground Utility Surveys - PAS 128 - Quality Levels

	Survey Type	Quality Level	Post Processing	Location Accuracy: Horizontal	Location Accuracy: Vertical	Supporting Data
D	Desktop Utility Records Search	D	-	Undefined	Undefined	-
C	Site Reconnaisance	C	-	Undefined	Undefined	Location demonstrated by Topographical Features or Reinstatement Scar
B	Detection	B4	No	Undefined	Undefined	Suspected to exist, but undetected. Shown as "ASSUMED"
		B3	No	+/-500mm	Undefined - Not Reliable	Horizontal Position Only One location method only used
		B3P	Yes			
		B2	No	+/-250mm or +/-40% of Detected Depth Whichever is Greatest	+/-40% of Detected Depth	Horizontal and Vertical Detection One Detection Method Used
		B2P	Yes			
		B1	No	+/-150mm or+/-15% of Detected Depth Whichever is Greater	+/-15% of Detected Depth	Horizontal and Vertical Detection Multiple Detection Methods Used
		B1P	Yes			
A	Verification	A	-	+/-50mm	+/-25mm	Horizontal and Vertical Location of the top, and/or bottom of the utility

SCALE	A0 Sheet @ 1 to 200
DATE	Feb 2023
SURVEYED BY	LB
DRAWN BY	LB
CHECKED BY	PJW
DRAWING No.	25297-200-01

391920E 391940E 391960E 391980E 392000E 392020E 392040E 392060E 392080E 392100E 392120E

164800N 164780N 164760N 164740N 164720N 164700N 164680N 164660N

NORTH

W E

S

SCALE

0m 5m 10m 20m

2

SURVEY STATIONS

Name	Easting	Northing	Height	Remark
HA80	391922.975	164729.284	43.858	Peg
HA81	391955.905	164729.284	43.858	Peg
PCM2	391942.450	164418.140	43.948	PCM
PCM3	391942.450	164418.140	43.948	PCM
PCM4	392063.113	164358.788	43.258	PCM
PCM5	392130.919	164411.885	43.049	PCM
PCM6	392130.919	164411.885	43.049	PCM
PCM7	392133.022	164522.469	44.364	PCM
PCM8	391934.835	164623.733	42.343	PCM
PCM9	391930.835	164623.733	42.343	PCM
PCM10	392070.121	164492.661	44.166	PCM
PCM12	392126.402	164608.267	45.057	PCM
PCM13	392130.402	164608.267	45.057	PCM
PCM14	392150.180	164766.162	43.656	PCM
PCM15	392150.180	164766.162	43.656	PCM
PCM16	392063.662	164668.868	41.977	PCM
T1	392159.405	164538.045	43.807	Ted
T2	392159.405	164538.045	43.807	Ted
T3	392218.972	164341.977	43.817	Ted
T4	392218.972	164341.977	43.817	Ted
T5	392162.208	164369.313	44.001	Ted
T6	392162.208	164369.313	44.001	Ted
T7	391928.193	164321.783	44.141	Ted
T8	391928.193	164321.783	44.141	Ted
T9	391963.923	164332.324	44.813	Ted
T10	391914.083	164262.309	44.267	Ted
T11	391914.083	164262.309	44.267	Ted
T12	391736.318	164413.221	43.853	Ted
T13	392040.322	164423.026	43.938	Peg
T14	392040.322	164423.026	43.938	Peg
T15	392107.950	164582.121	44.183	Peg
T16	392092.345	164658.560	45.049	Peg
T17	392092.345	164658.560	45.049	Peg
T18	392205.676	164721.563	44.950	Peg
T19	392205.676	164647.946	43.850	Peg

UNDERGROUND UTILITIES LEGEND

- STORM WATER SEWER (SWS)
- FOUL WATER SEWER (FWS)
- COMBINED SEWER (CWS)
- SEWER
- ELECTRIC CABLE
- HV HIGH VOLTAGE CABLE
- LV LOW VOLTAGE CABLE
- ST STREETLIGHTING
- TV CABLE TELEVISION
- TC TRAFFIC LIGHT SIGNAL CABLE
- WATER UNDERGROUND WATER SUPPLY
- GAS (MP) GAS MEDIUM PRESSURE
- GAS (IP) GAS INTERMEDIATE PRESSURE
- GAS (HP) GAS HIGH PRESSURE
- OIL OIL PIPE
- UNK UNKNOWN SERVICE METALLIC
- UNKNOWN UNKNOWN SERVICE FOUND WITH GPR
- CABLE UNKNOWN SERVICE CABLE
- OHL OVERHEAD LINE
- OH (TYPE) OVERHEAD CABLE
- SA CCTV NOTES - SURVEY ABANDONED

Note attached eg. BT 0.6 B2 Type Depth Quality

UNDERGROUND UTILITY SURVEY NOTES:
This survey has been carried out to the standard, as described by The Survey Association (TSA), for a Level 4 Survey. (PAS128 Type B) Utilities on this drawing have been detected using non invasive technologies. The performance of these technologies can be affected by many factors including ground and weather and the control of Brunel Surveys. Consequently some utilities may be undetectable and therefore, whilst Brunel Surveys uses best endeavours to detect all utilities we cannot guarantee that 100% detection can always be achieved.
Before any excavation is commenced by a utility survey and statutory plans, any groundworks should be undertaken with extreme caution and in accordance with health and safety executive guidelines HSG 47 AVOIDING DANGER FROM UNDERGROUND SERVICES

LEGEND

AV	Air Valve	GV	Gas Valve	SVP	Soil Vent Pipe
BB	Bore Hole	HH	Hand Hole	TBM	Temporary Bench
BH	Bore Hole	HI	Height	TL	Traffic Light
BS	Bus Stop	IC	Inspection Cover	TP	Telegraph Pole
CC	Communication Cover	KS	Kerb Sunken	TR	Traffic Rail
CL	Cover Level	KI	Kerb Inset	TS	Summerfield TS
DP	Down Pipe	LC	Lamp Column	TT	Tree Top
EC	Electricity Cover	MH	Manhole	UP	Unknown Pipe
ECE	End Of Ex Conc	MK	Paint Marker Post	VAL	Cap to Fuel Valve
ECT	End of Trace	OH	Overhead Cable	UTL	Unable to Lift
EP	Electricity Pole	PB	Post Box	UTS	Unable to Survey
FH	Fire Hydrant	PI	Post Indicator	VC	Vent Column
FFL	Finished Floor Level	RNP	Roadside Nameplate	WT	Water Tap
FH	Fire Hydrant	SC	Stop Cock (Water)	VT	Vegetation Top
FP	Fence Post	SI	Silt Level	WL	Water Level
GP	Guard Post	SL	Street Light	WM	Water Meter
GPR	Ground Penetrating Radar	SV	Stop Valve	WO	Wash Out

KEY

STN1 STATION SURVEY | GATE | BANK | FOLIAGE | CLIFF

50m MAJOR CONTOUR

MINOR CONTOUR (0.25m interval)

NOTES

Level Datum: OS National Grid OSGM15

Grid Orientation: OS National Grid OSTN15

Scale Factor: Scale Factor 0.99960203

The contractor is to check and verify all critical dimensions and levels before work starts.

Every effort is made to identify all visible above ground features. However, it may be possible that certain features are obscured at the time of survey.

Brunel Surveys Ltd
Land, Building and Utility Surveyors

Unit 59, Shrivenham Hundred Business Park
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EMAIL : admin@brunelsurveys.com
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TEL : 01793 784700

CLIENT

Bloor Homes South West
Unit 7
Latham Road
Swindon
Wiltshire
SN25 4DL

JOB TITLE

Topographical / Drainage / Underground Utilities Survey

New Farm
New Road
Melksham
SN12 7QY

REVISIONS

Sheet 2 of 12

SCALE: A0 Sheet @ 1 to 200

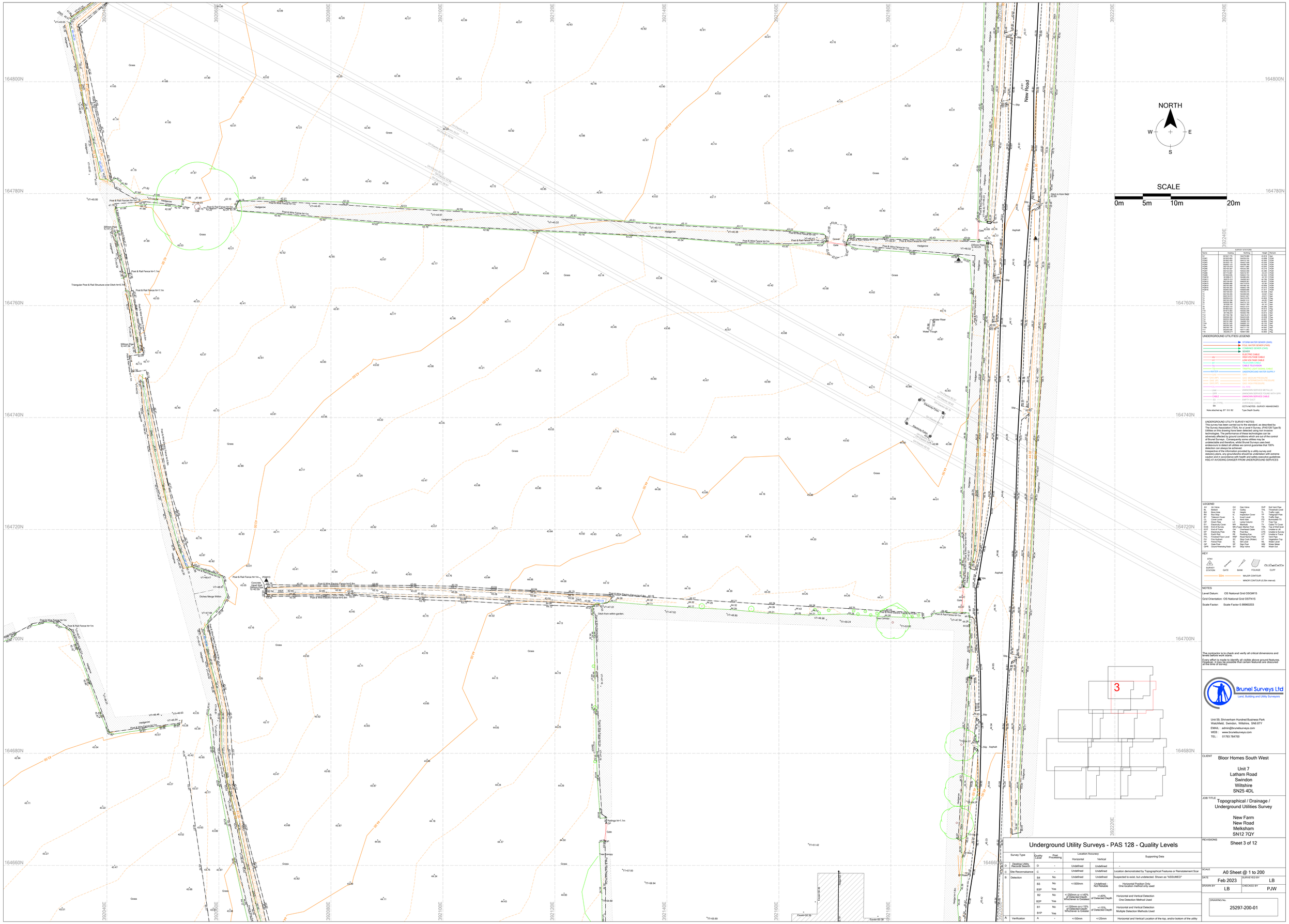
DATE: Feb 2023 SURVEYED BY: LB

DRAWN BY: LB CHECKED BY: PJW

DRAWING No.: 25297-200-01

Underground Utility Surveys - PAS 128 - Quality Levels

Survey Type		Quality Level	Post Processing	Location Accuracy: Horizontal	Location Accuracy: Vertical	Supporting Data
D	Desktop Utility Records Search	D	-	Undefined	Undefined	-
C	Site Reconnaissance	C	-	Undefined	Undefined	Location demonstrated by Topographical Features or Reinstatement Scar
B	Detection	B4	No	Undefined	Undefined	Suspected to exist, but undetected. Shown as "ASSUMED"
		B3	No	+/-500mm	Undefined - Not Reliable	Horizontal Position Only One location method only used
		B3P	Yes			
		B2	No	+/-250mm or +/-40% of Detected Depth Whichever is Greatest	+/-40% of Detected Depth	Horizontal and Vertical Detection One Detection Method Used
		B2P	Yes			
		B1	No	+/-150mm or+/-15% of Detected Depth Whichever is Greater	+/-15% of Detected Depth	Horizontal and Vertical Detection Multiple Detection Methods Used
		B1P	Yes			
A	Verification	A	-	+/-50mm	+/-25mm	Horizontal and Vertical Location of the top, and/or bottom of the utility



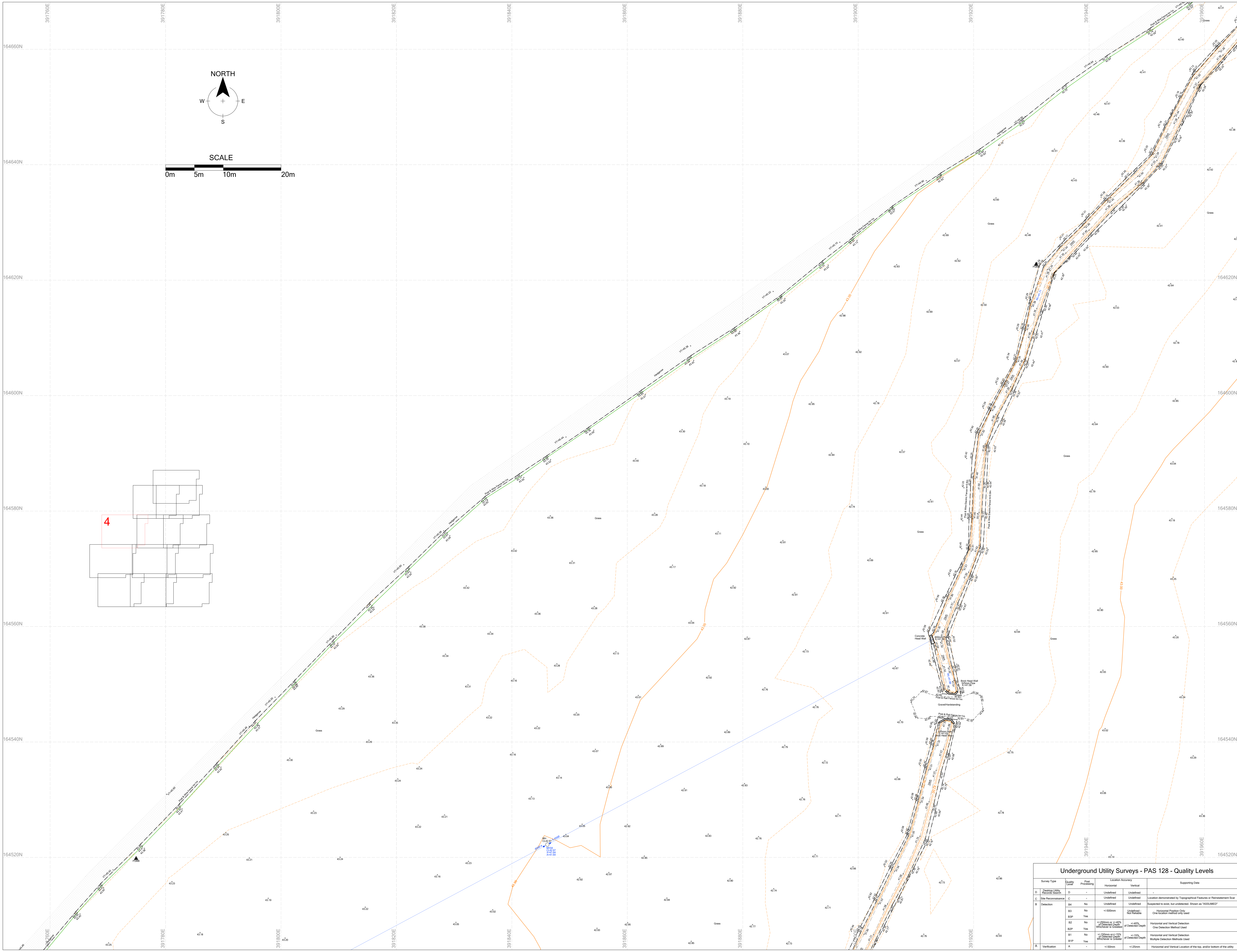
Survey Stations				
Name	Easting	Northing	Height	Remark
FC60	392062.605	164729.484	43.858	Nail
FC61	392062.605	164729.484	43.858	Nail
FC62	391942.450	164418.146	43.948	POM
FC63	391942.450	164418.146	43.948	POM
FC64	392063.113	164358.788	43.958	POM
FC65	392130.919	164411.885	43.949	POM
FC66	392130.919	164411.885	43.949	POM
FC67	392133.027	164522.464	44.064	POM
FC68	392133.027	164522.464	44.064	POM
FC69	391958.835	164622.733	43.943	POM
FC70	391958.835	164622.733	43.943	POM
FC871	392070.511	164592.661	44.166	POM
FC872	392126.402	164636.267	44.067	POM
FC873	392126.402	164636.267	44.067	POM
FC874	392150.180	164766.143	43.956	POM
FC875	392150.180	164766.143	43.956	POM
FC876	392063.982	164664.848	41.977	POM
T1	392158.653	164308.045	43.827	Nail
T2	392158.653	164308.045	43.827	Nail
T3	392218.972	164341.977	43.811	Nail
T4	392218.972	164341.977	43.811	Nail
T5	392162.208	164391.513	44.001	Nail
T6	392162.208	164391.513	44.001	Nail
T7	391928.193	164547.783	44.141	Nail
T8	391928.193	164547.783	44.141	Nail
T9	391963.923	164529.324	44.913	Nail
T10	391914.083	164362.399	44.067	Nail
T11	391736.118	164413.221	43.853	Nail
T12	391736.118	164413.221	43.853	Nail
T13	392295.593	164423.006	43.938	Peg
T14	392295.593	164423.006	43.938	Peg
T15	392157.995	164662.121	44.163	Peg
T16	392292.345	164658.566	45.049	Peg
T17	392292.345	164658.566	45.049	Peg
T18	392205.674	164417.983	44.893	Peg
T19	392205.674	164417.983	43.893	Peg

Underground Utilities Legend	
SWS	STORM WATER SEWER (SWS)
FWS	FOUL WATER SEWER (FWS)
CWS	COMBINED SEWER (CWS)
SEWER	SEWER
ELEC	ELECTRIC CABLE
HV	HIGH VOLTAGE CABLE
LV	LOW VOLTAGE CABLE
ST	STREETLIGHTING
TV	CABLE TELEVISION
TCS	TRAFFIC LIGHT SIGNAL CABLE
WATER	UNDERGROUND WATER SUPPLY
GAS (MP)	GAS: MEDIUM PRESSURE
GAS (IP)	GAS: INTERMEDIATE PRESSURE
GAS (HP)	GAS: HIGH PRESSURE
PIPELINE	OIL PIPE
UNK	UNKNOWN SERVICE METALLIC
UNK	UNKNOWN SERVICE FOUND WITH GPR
CABLE	UNKNOWN SERVICE CABLE
DUCT	DUCT
DI (TYPE)	DISPENSE CABLE
SA	CCTV NOTES - SURVEY ABANDONED
Note attached eg. BT 0.6 .62	Type Depth Quality

LEGEND				
AV	Air Valve	GV	Gas Valve	SVP	Soil Vent Pipe
BL	Bollard	GY	Gulley	THL	Threshold Level
BH	Bore Hole	HI	Height	TL	Traffic Light
BT	BT Cover	IC	Inspection Cover	TP	Traffic Light Ped
BT	Telecom Cover	IL	Invert Level	TS	Traffic Sign
CL	Cover Level	KI	Kerb Inlet	ITS	Illuminated TS
DP	Down Pipe	MH	Manhole	TV	Cable TV Box
EY	Electricity Cover	MH	Manhole	TV	Cable TV Cover
EOS	End of Survey	MK/T	Spot Marker Post	TWL	Top of Wall level
EP	Electric Pole	OS	Overflow Spreader	UP	Unidentified
EP	Electricity Pole	PB	Post Box	UTS	Unable to Survey
ER	Earth Rod	RE	Rodding Eye	UTT	Unable to Trace
FH	Fire Hydrant Level	SC	Stop Cock Kerb	VT	Vegetation
FH	Fire Hydrant	SC	Stop Cock (Water)	VT	Vegetation Top
FP	Fence Post	SL	Silt Level	WL	Water Level
GP	Gate Post	SP	Soil Pipe	WM	Water Meter
GPR	Ground Penetrating Radar	SV	Stop Valve	WO	Wash Out

KEY				
STN1 SURVEY STATION	GATE	BANK	FOLIAGE	CLIFF
50m	MAJOR CONTOUR			
	MINOR CONTOUR (0.25m interval)			

Underground Utility Surveys - PAS 128 - Quality Levels					
Survey Type	Quality Level	Post Processing	Location Accuracy: Horizontal	Location Accuracy: Vertical	Supporting Data
Desktop Utility Records Search	D	-	Undefined	Undefined	-
Site Reconnaissance	C	-	Undefined	Undefined	Location demonstrated by Topographical Features or Reinstatement Scar
Detection	B4	No	Undefined	Undefined	Suspected to exist, but undetected. Shown as "ASSUMED"
	B3	No	+/-500mm	Undefined - Not Reliable	Horizontal Position Only One location method only used
	B3P	Yes			
	B2	No	+/-250mm or +/-40% of Detected Depth Whichever is Greatest	+/-40% of Detected Depth	Horizontal and Vertical Detection One Detection Method Used
	B2P	Yes			
	B1	No	+/-150mm or+/-15% of Detected Depth Whichever is Greater	+/-15% of Detected Depth	Horizontal and Vertical Detection Multiple Detection Methods Used
	B1P	Yes			
Verification	A	-	+/-50mm	+/-25mm	Horizontal and Vertical Location of the top, and/or bottom of the utility



SURVEY STATIONS

Name	Easting	Northing	Height	Remark
N1	391947.775	164279.989	43.818	Nail
PGM1	391925.893	164259.224	43.899	PGM
PGM2	391842.450	164410.140	42.940	PGM
PGM3	391935.115	164457.409	43.305	PGM
PGM4	392062.123	164298.789	43.258	PGM
PGM5	392130.919	164411.885	43.645	PGM
PGM6	392164.587	164335.395	43.216	PGM
PGM7	392122.033	164522.469	44.380	PGM
PGM8	391774.897	164519.797	43.431	PGM
PGM9	391930.835	164622.733	42.343	PGM
PGM10	391896.071	164480.450	42.701	PGM
PGM11	392075.331	164592.941	44.795	PGM
PGM12	392128.402	164628.267	45.057	PGM
PGM13	392068.466	164710.870	43.281	PGM
PGM14	392192.082	164768.192	43.656	PGM
PGM15	392194.203	164842.199	43.415	PGM
PGM16	392063.662	164848.668	41.977	PGM
T1	392148.022	164236.310	44.438	Nail
T2	392159.455	164308.505	43.821	Nail
T3	392218.972	164341.627	43.811	Nail
T4	392255.815	164370.976	43.820	Peg
T5	392102.258	164281.512	44.051	Nail
T6	392029.380	164274.133	43.787	Nail
T7	391928.191	164247.783	44.141	Nail
T8	391820.310	164221.914	45.085	Nail
T9	391802.623	164230.334	44.913	Peg
T10	391814.083	164262.309	44.367	Nail
T11	391766.201	164363.799	43.913	Nail
T12	391736.738	164415.221	43.803	Nail
T13	392246.323	164423.026	43.938	Peg
T14	392222.390	164492.806	43.927	Peg
T15	392191.992	164562.781	44.605	Peg
T15A	392191.545	164606.123	45.153	Nail
T16	392200.345	164656.566	45.245	Peg
T16A	392195.776	164711.132	44.642	Nail
T17	392205.836	164771.993	44.093	Peg
T18	392209.271	164847.969	43.850	Peg

UNDERGROUND UTILITIES LEGEND

- STORM WATER SEWER (SWS)
- FOUL WATER SEWER (FWS)
- COMBINED SEWER (CWS)
- SEWER
- ELECTRIC CABLE
- HV — HIGH VOLTAGE CABLE
- LV — LOW VOLTAGE CABLE
- BT — TELECOMS CABLE
- TV — CABLE TELEVISION
- TS — TRAFFIC LIGHT SIGNAL CABLE
- WATER — UNDERGROUND WATER SUPPLY
- GAS — GAS
- GAS (MP) — GAS MEDIUM PRESSURE
- GAS (IP) — GAS INTERMEDIATE PRESSURE
- GAS (HP) — GAS HIGH PRESSURE
- OIL — OIL PIPE
- UNK — UNKNOWN SERVICE METALLIC
- GPR — UNKNOWN SERVICE FOUND WITH GPR
- CABLE — UNKNOWN SERVICE CABLE
- ED — EMPTY DUCT
- OH (TYPE) — OVERHEAD CABLE
- SA — CCTV NOTES - SURVEY ABANDONED

Note attached eg. BT 0.6 B2 — Type Depth Quality

UNDERGROUND UTILITY SURVEY NOTES:
This survey has been carried out to the standard, as described by The Survey Association (TSA), for a Level 4 Survey, (PAS128 Type B) Utilities on this drawing have been detected using non invasive technologies. The performance of these technologies can be adversely affected by ground conditions which are out of the control of Brunel Surveys . Consequently some utilities may be undetectable and therefore, whilst Brunel Surveys uses best endeavours to detect all utilities we cannot guarantee that 100% detection can always be achieved.
Irrespective of the information provided by a utility survey and statutory plans, any groundworks should be undertaken with extreme caution and in accordance with health and safety executive guidelines HSG 47 AVOIDING DANGER FROM UNDERGROUND SERVICES

LEGEND

AV	Air Valve		GV	Gas Valve		SVP	Soil Vent Pipe	
BL	Bollard		GY	Gulley		THL	Threshold Level	
BH	Bore Hole		Ht	Height		TL	Traffic Light	
BS	Bus Stop		IC	Inspection Cover		TP	Telegraph Pole	
BT	Telecom Cover		IL	Invert Level		TS	Traffic Sign	
CL	Cover Level		KI	Kerb Inlet		ITS	Illuminated TS	
DP	Down Pipe		LC	Lamp Column		TT	Tree Top	
EY	Electricity Cover		MH	Manhole		TV	Cable TV Cover	
EOS	End of Survey		MK-(Type)	Marker Post		TWL	Top of Wall level	
EOT	End of Trace		OH	Overhead Cable		UTL	Unable to Lift	
EP	Electricity Pole		PB	Post Box		UTS	Unable to Survey	
ER	Earth Rod		RE	Rodding Eye		UTT	Unable to Trace	
FFL	Finished Floor Level		RNP	Road Name Plate		VP	Vent Pipe	
FH	Fire Hydrant		SC	Stop Cock (Water)		VT	Vegetation Top	
FP	Fence Post		SL	Silt Level		WL	Water Level	
GP	Gate Post		SP	Sign Post		WM	Water Meter	
GPR	Ground Penetrating Radar		SV	Stop Valve		WO	Wash Out	

KEY

STN1 SURVEY STATION — GATE — BANK — FOLIAGE — CLIFF

50m — MAJOR CONTOUR

MINOR CONTOUR (0.25m interval)

NOTES

Level Datum: OS National Grid OSGM15

Grid Orientation: OS National Grid OSTN15

Scale Factor: Scale Factor 0.99960203

The contractor is to check and verify all critical dimensions and levels before work starts.

Every effort is made to identify all visible above ground features. However, it may be possible that certain features are obscured at the time of survey.

Brunel Surveys Ltd
Land, Building and Utility Surveyors

Unit 59, Shrivenham Hundred Business Park
Watchfield, Swindon, Wiltshire, SN6 8TY
EMAIL : admin@brunelsurveys.com
WEB : www.brunelsurveys.com
TEL : 01793 784700

Underground Utility Surveys - PAS 128 - Quality Levels

	Survey Type	Quality Level	Post Processing	Location Accuracy Horizontal	Location Accuracy Vertical	Supporting Data
D	Desktop Utility Records Search	D	-	Undefined	Undefined	-
C	Site Reconnaisance	C	-	Undefined	Undefined	Location demonstrated by Topographical Features or Reinstatement Scar
B	Detection	B4	No	Undefined	Undefined	Suspected to exist, but undetected. Shown as "ASSUMED"
		B3	No	+/-500mm	Undefined - Not Reliable	Horizontal Position Only One location method only used
		B3P	Yes			
		B2	No	+/-250mm or +/-40% of Detected Depth Whichever is Greatest	+/-40% of Detected Depth	Horizontal and Vertical Detection One Detection Method Used
		B2P	Yes			
		B1	No	+/-150mm or+/-15% of Detected Depth Whichever is Greater	+/-15% of Detected Depth	Horizontal and Vertical Detection Multiple Detection Methods Used
		B1P	Yes			
A	Verification	A	-	+/-50mm	+/-25mm	Horizontal and Vertical Location of the top, and/or bottom of the utility

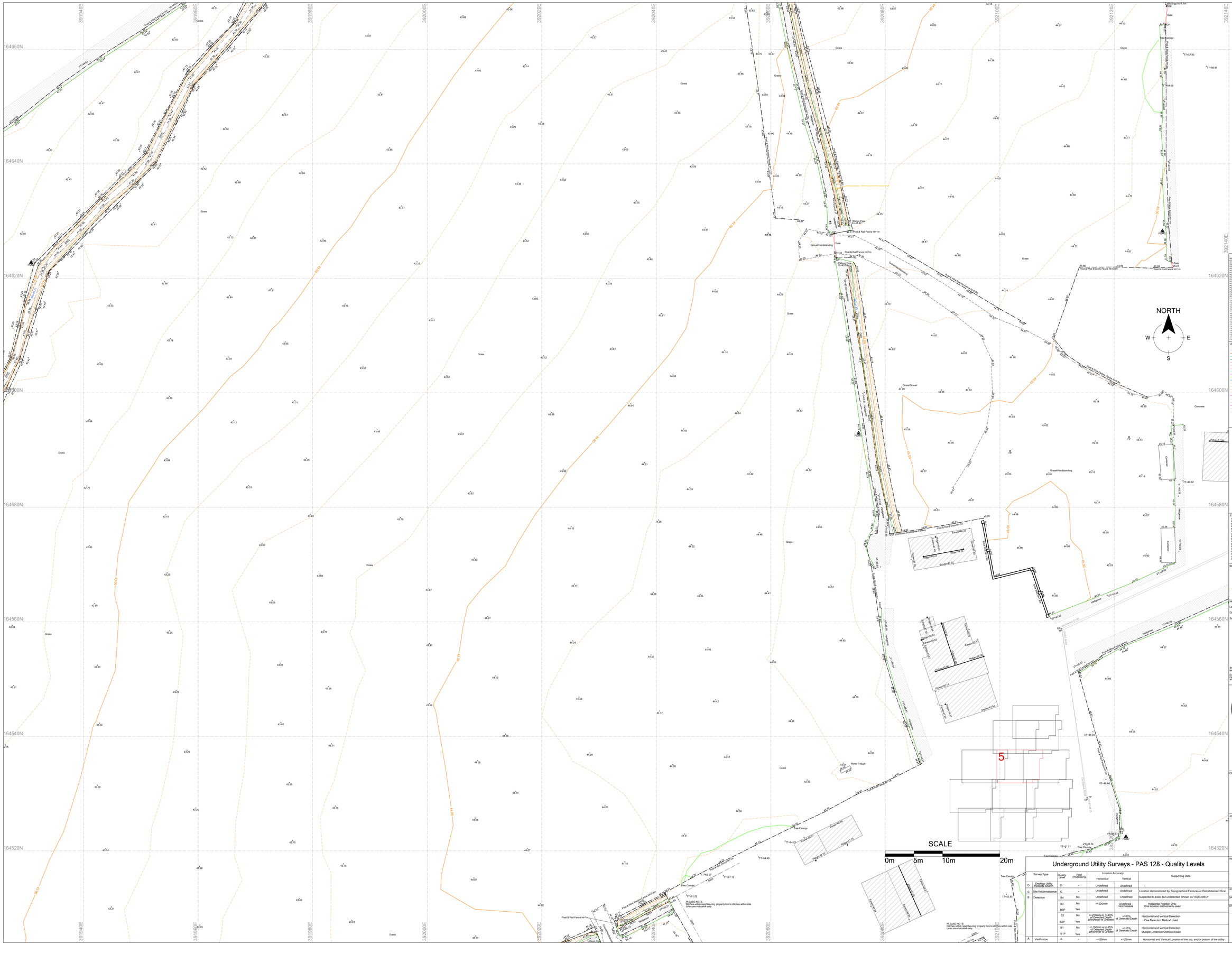
CLIENT: Bloor Homes South West
Unit 7
Latham Road
Swindon
Wiltshire
SN25 4DL

JOB TITLE: Topographical / Drainage / Underground Utilities Survey
New Farm
New Road
Melksham
SN12 7QY

REVISIONS

Sheet 4 of 12

SCALE	A0 Sheet @ 1 to 200
DATE	Feb 2023
SURVEYED BY	LB
DRAWN BY	LB
CHECKED BY	PJW
DRAWING No.	25297-200-01



SURVEY STATIONS

Name	Easting	Northing	Height	Remark
HA1	391940.975	164703.284	43.858	Peg
HA2	391942.305	164703.486	43.849	Peg
PCM2	391942.450	164418.140	43.948	PCM
PCM3	392053.113	164418.788	43.958	PCM
PCM4	392053.113	164292.788	43.958	PCM
PCM5	392130.919	164411.885	43.949	PCM
PCM6	392130.919	164292.885	43.949	PCM
PCM7	392157.027	164532.469	44.364	PCM
PCM8	391908.835	164622.733	42.343	PCM
PCM9	391908.835	164622.733	42.343	PCM
PCM10	392157.027	164532.469	44.364	PCM
PCM11	392075.331	164592.841	44.166	PCM
PCM12	392128.402	164605.267	45.057	PCM
PCM13	392128.402	164605.267	45.057	PCM
PCM14	392150.382	164766.163	43.856	PCM
PCM15	392150.382	164766.163	43.856	PCM
PCM16	392063.982	164664.868	41.977	PCM
T1	392158.643	164568.045	43.824	Ted
T2	392158.643	164568.045	43.824	Ted
T3	392218.972	164541.977	43.811	Ted
T4	392218.972	164541.977	43.811	Ted
T5	392162.238	164561.413	44.001	Ted
T6	392162.238	164561.413	44.001	Ted
T7	391928.193	164541.783	44.141	Ted
T8	391928.193	164541.783	44.141	Ted
T9	391963.923	164532.324	44.913	Ted
T10	391914.083	164392.399	44.067	Ted
T11	391914.083	164392.399	44.067	Ted
T12	391736.138	164418.221	43.853	Ted
T13	392295.592	164423.506	43.558	Peg
T14	392295.592	164423.506	43.558	Peg
T15	392157.966	164592.121	44.165	Peg
T16	392092.345	164658.560	45.045	Peg
T17	392092.345	164658.560	45.045	Peg
T18	392259.878	164771.563	44.950	Peg
T19	392259.878	164647.946	43.850	Peg

UNDERGROUND UTILITIES LEGEND

- STORM WATER SEWER (SWS)
- FOUL WATER SEWER (FWS)
- COMBINED SEWER (CWS)
- SEWER
- ELECTRIC CABLE
- HV HIGH VOLTAGE CABLE
- LV LOW VOLTAGE CABLE
- TELECOMMUNICATIONS
- CABLE TELEVISION
- TRAFFIC LIGHT SIGNAL CABLE
- WATER UNDERGROUND WATER SUPPLY
- GAS (MP) GAS MEDIUM PRESSURE
- GAS (IP) GAS INTERMEDIATE PRESSURE
- GAS (HP) GAS HIGH PRESSURE
- OIL PIPE
- UNKN UNKNOWN SERVICE METALLIC
- UNKNOWN SERVICE FOUND WITH DPI
- CABLE UNKNOWN SERVICE CABLE
- OHL OVERHEAD LINE
- OH (TYPE) OVERHEAD CABLE
- SA CCTV NOTES - SURVEY ABANDONED
- Note attached eg. BT 0.6 B2 Type Depth Quality

UNDERGROUND UTILITY SURVEY NOTES:
This survey has been carried out to the standard, as described by The Survey Association (TSA), for a Level 4 Survey. (PAS128 Type B) Utilities on this drawing have been detected using non invasive technologies. The performance of these technologies can be affected by a number of factors including ground type and the control of Buried Surveys. Consequently some utilities may be undetectable and therefore, whilst Brunel Surveys uses best endeavours to detect all utilities we cannot guarantee that 100% detection can always be achieved.
Before any excavation is commenced by a utility survey and statutory plans, any groundworks must be undertaken with extreme caution and in accordance with health and safety executive guidelines HSG 47 AVOIDING DANGER FROM UNDERGROUND SERVICES

LEGEND

AV	Air Valve	GV	Gas Valve	SVP	Soil Vent Pipe
BH	Bore Hole	HH	Hand Hole	TC	Traffic Control
BH	Bore Hole	HI	Height	TL	Traffic Light
BS	Bus Stop	IC	Inspection Cover	TP	Telegraph Pole
CL	Column Lamp	IL	Invert Level	TS	Traffic Sign
CL	Cover Level	KI	Kerb Inset	ITS	Illuminated TS
DP	Down Pipe	LC	Lamp Column	TT	Tree Top
ECB	End of Combined	MH	Manhole	UC	Unknown Cover
EOS	End of Survey	MK	Mark/ Marker Post	TWL	Top of Wall level
EOT	End of Trace	OH	Overhead Cable	UTL	Unable to Lift
FB	Flower Bed/ Tub	OS	Open Space	UTS	Unable to Survey
ER	Earth Rod	RE	Reading Eye	UTT	Unable to Trace
FFL	Finished Floor Level	RMP	Road Name Plate	VP	Vent Pipe
FH	Fire Hydrant	SA	Survey Abandon	WC	Water Course Top
FP	Fence Post	SL	Silt Level	WL	Water Level
GP	Gate Post	SP	Sign Post	WM	Water Meter
GPS	Ground Penetrating Radar	SV	Stop Valve	WO	Wash Out

KEY

STN1 SURVEY STATION · GATE · BANK · FOLIAGE · CLIFF
50m MAJOR CONTOUR
MINOR CONTOUR (0.25m interval)

NOTES
Level Datum: OS National Grid OSGM15
Grid Orientation: OS National Grid OSTN15
Scale Factor: Scale Factor 0.99960203

The contractor is to check and verify all critical dimensions and levels before work starts.
Every effort is made to identify all visible above ground features. However it is always possible that certain featureds are obscured at the time of survey.

Underground Utility Surveys - PAS 128 - Quality Levels

	Survey Type	Quality Level	Post Processing	Location Accuracy: Horizontal	Location Accuracy: Vertical	Supporting Data
D	Desktop Utility Records Search	D	-	Undefined	Undefined	-
C	Site Reconnaissance	C	-	Undefined	Undefined	Location demonstrated by Topographical Features or Reinstatement Scar
B	Detection	B4	No	Undefined	Undefined	Suspected to exist, but undetected. Shown as "ASSUMED"
		B3	No	+/-500mm	Undefined - Not Reliable	Horizontal Position Only One location method only used
		B3P	Yes			
		B2	No	+/-250mm or +/-40% of Detected Depth Whichever is Greatest	+/-40% of Detected Depth	Horizontal and Vertical Detection One Detection Method Used
		B2P	Yes			
		B1	No	+/-150mm or +/-15% of Detected Depth Whichever is Greater	+/-15% of Detected Depth	Horizontal and Vertical Detection Multiple Detection Methods Used
		B1P	Yes			
A	Verification	A	-	+/-50mm	+/-25mm	Horizontal and Vertical Location of the top, and/or bottom of the utility



SURVEY STATIONS				
Name	Easting	Northing	Height	Remark
N1	391947.775	164279.989	43.818	Nail
PGM1	391925.893	164259.224	43.899	PGM
PGM2	391842.450	164410.140	42.940	PGM
PGM3	391935.115	164457.409	43.305	PGM
PGM4	392062.123	164298.789	43.258	PGM
PGM5	392130.919	164411.885	43.645	PGM
PGM6	392164.587	164335.395	43.216	PGM
PGM7	392122.033	164522.469	44.380	PGM
PGM8	391774.897	164519.797	43.431	PGM
PGM9	391930.835	164622.733	42.343	PGM
PGM10	391896.071	164480.450	42.701	PGM
PGM11	392075.331	164592.941	44.795	PGM
PGM12	392128.402	164628.267	45.057	PGM
PGM13	392068.466	164710.870	43.281	PGM
PGM14	392192.082	164768.192	43.656	PGM
PGM15	392194.203	164842.199	43.415	PGM
PGM16	392063.662	164848.668	41.977	PGM
T1	392148.022	164236.310	44.438	Nail
T2	392159.455	164308.505	43.821	Nail
T3	392218.972	164341.627	43.811	Nail
T4	392255.815	164370.976	43.820	Peg
T5	392102.258	164281.512	44.051	Nail
T6	392029.380	164274.133	43.787	Nail
T7	391928.191	164247.783	44.141	Nail
T8	391820.310	164221.914	45.085	Nail
T9	391802.623	164230.334	44.913	Peg
T10	391814.083	164262.309	44.367	Nail
T11	391766.201	164363.799	43.913	Nail
T12	391736.738	164415.221	43.803	Nail
T13	392246.323	164423.026	43.938	Peg
T14	392222.390	164492.806	43.927	Peg
T15	392191.992	164562.781	44.605	Peg
T15A	392191.545	164606.123	45.153	Nail
T16	392200.345	164656.566	45.245	Peg
T16A	392195.776	164711.132	44.642	Nail
T17	392205.836	164771.993	44.093	Peg
T18	392209.271	164847.969	43.850	Peg

UNDERGROUND UTILITIES LEGEND

Line label	Description
	STORM WATER SEWER (SWS)
	FOUL WATER SEWER (FWS)
	COMBINED SEWER (CWS)
	SEWER
	ELECTRIC CABLE
HV	HIGH VOLTAGE CABLE
LV	LOW VOLTAGE CABLE
BT	TELECOMS CABLE
TV	CABLE TELEVISION
TS	TRAFFIC LIGHT SIGNAL CABLE
WATER	UNDERGROUND WATER SUPPLY
GAS	GAS
GAS (MP)	GAS MEDIUM PRESSURE
GAS (IP)	GAS INTERMEDIATE PRESSURE
GAS (HP)	GAS HIGH PRESSURE
OIL	OIL PIPE
UNK	UNKNOWN SERVICE METALLIC
GPR	UNKNOWN SERVICE FOUND WITH GPR
CABLE	UNKNOWN SERVICE CABLE
ED	EMPTY DUCT
OH (TYPE)	OVERHEAD CABLE
SA	CCTV NOTES - SURVEY ABANDONED
Note attached eg. BT 0.6 B2	Type Depth Quality

UNDERGROUND UTILITY SURVEY NOTES:
This survey has been carried out to the standard, as described by The Survey Association (TSA), for a Level 4 Survey, (PAS128 Type B) Utilities on this drawing have been detected using non invasive technologies. The performance of these technologies can be adversely affected by ground conditions which are out of the control of Brunel Surveys . Consequently some utilities may be undetectable and therefore, whilst Brunel Surveys uses best endeavours to detect all utilities we cannot guarantee that 100% detection can always be achieved.
Irrespective of the information provided by a utility survey and statutory plans, any groundworks should be undertaken with extreme caution and in accordance with health and safety executive guidelines HSG 47 AVOIDING DANGER FROM UNDERGROUND SERVICES

LEGEND

AV	Air Valve	GV	Gas Valve	SVP	Soil Vent Pipe
BL	Bollard	GY	Gulley	THL	Threshold Level
BH	Bore Hole	Ht	Height	TL	Traffic Light
BS	Bus Stop	IC	Inspection Cover	TP	Telegraph Pole
BT	Telecom Cover	IL	Invert Level	TS	Traffic Sign
CL	Cover Level	KI	Kerb Inlet	ITS	Illuminated TS
DP	Down Pipe	LC	Lamp Column	TT	Tree Top
EY	Electricity Cover	MH	Manhole	TV	Cable TV Cover
EOS	End of Survey	MK-(Type)	Marker Post	TWL	Top of Wall level
EOT	End of Trace	OH	Overhead Cable	UTL	Unable to Lift
EP	Electricity Pole	PB	Post Box	UTS	Unable to Survey
ER	Earth Rod	RE	Rodding Eye	UTT	Unable to Trace
FFL	Finished Floor Level	RNP	Road Name Plate	VP	Vent Pipe
FH	Fire Hydrant	SC	Stop Cock (Water)	VT	Vegetation Top
FP	Fence Post	SL	Silt Level	WL	Water Level
GP	Gate Post	SP	Sign Post	WM	Water Meter
GPR	Ground Penetrating Radar	SV	Stop Valve	WO	Wash Out

KEY

STN1 SURVEY STATION — GATE — BANK — FOLIAGE — CLIFF

50m — MAJOR CONTOUR

MINOR CONTOUR (0.25m interval)

NOTES

Level Datum: OS National Grid OSGM15

Grid Orientation: OS National Grid OSTN15

Scale Factor: Scale Factor 0.99960203

The contractor is to check and verify all critical dimensions and levels before work starts.

Every effort is made to identify all visible above ground features. However, it may be possible that certain features are obscured at the time of survey.

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JOB TITLE
Topographical / Drainage / Underground Utilities Survey

New Farm
New Road
Melksham
SN12 7QY

REVISIONS

Sheet 6 of 12

Underground Utility Surveys - PAS 128 - Quality Levels

	Survey Type	Quality Level	Post Processing	Location Accuracy Horizontal	Location Accuracy Vertical	Supporting Data
D	Desktop Utility Records Search	D	-	Undefined	Undefined	-
C	Site Reconnaisance	C	-	Undefined	Undefined	Location demonstrated by Topographical Features or Reinstatement Scar
B	Detection	B4	No	Undefined	Undefined	Suspected to exist, but undetected. Shown as "ASSUMED"
		B3	No	+/-500mm	Undefined - Not Reliable	Horizontal Position Only One location method only used
		B3P	Yes			
		B2	No	+/-250mm or +/-40% of Detected Depth Whichever is Greatest	+/-40% of Detected Depth	Horizontal and Vertical Detection One Detection Method Used
		B2P	Yes			
		B1	No	+/-150mm or+/-15% of Detected Depth Whichever is Greater	+/-15% of Detected Depth	Horizontal and Vertical Detection Multiple Detection Methods Used
		B1P	Yes			
A	Verification	A	-	+/-50mm	+/-25mm	Horizontal and Vertical Location of the top, and/or bottom of the utility

SCALE	A0 Sheet @ 1 to 200
DATE	Feb 2023
SURVEYED BY	LB
DRAWN BY	LB
CHECKED BY	PJW
DRAWING No.	25297-200-01

NORTH

SCALE

0m 5m 10m 20m

SURVEY STATIONS				
Name	Easting	Northing	Height	Remark
FCM1	391702.974	164479.284	43.858	Nail
FCM2	391692.855	164339.485	43.868	Nail
FCM3	391842.450	164418.140	43.948	PCM
FCM4	391842.113	164418.788	43.958	PCM
FCM5	392050.113	164358.788	43.958	PCM
FCM6	392130.919	164411.885	43.948	PCM
FCM7	392130.622	164412.485	43.948	PCM
FCM8	392122.022	164522.485	44.268	PCM
FCM9	391930.835	164622.733	42.343	PCM
FCM10	391930.535	164622.433	42.343	PCM
FCM11	392070.331	164582.661	44.166	PCM
FCM12	392128.402	164635.267	45.057	PCM
FCM13	392128.102	164635.567	45.057	PCM
FCM14	392150.180	164764.165	43.858	PCM
FCM15	392150.480	164763.865	43.858	PCM
FCM16	392063.982	164664.848	41.977	PCM
FCM17	392063.682	164664.548	41.977	PCM
T1	392159.455	164538.045	43.831	Nail
T2	392218.972	164341.857	43.817	Nail
T3	392162.298	164341.513	44.001	Nail
T4	392162.498	164261.213	44.001	Nail
T5	391928.193	164341.793	44.141	Nail
T6	391928.193	164261.593	44.141	Nail
T7	391963.923	164329.324	44.813	Nail
T10	391914.983	164262.359	44.267	Nail
T11	391914.783	164342.559	44.267	Nail
T12	391736.118	164413.221	43.853	Nail
T13	392040.593	164423.599	43.558	Peg
T14	392040.393	164503.399	43.558	Peg
T15	392157.950	164582.101	44.305	Peg
T16	392092.345	164658.990	45.045	Peg
T17	392092.145	164738.790	45.045	Peg
T18	392255.878	164711.563	44.950	Peg
T19	392255.678	164647.946	43.950	Peg

UNDERGROUND UTILITIES LEGEND

- STORM WATER SEWER (SWS)
- FOUL WATER SEWER (FWS)
- COMBINED SEWER (CWS)
- SEWER
- ELECTRIC CABLE
- HV HIGH VOLTAGE CABLE
- LV LOW VOLTAGE CABLE
- ST STREETLIGHTING CABLE
- TV CABLE TELEVISION
- TRAFFIC TRAFFIC LIGHT SIGNAL CABLE
- WATER UNDERGROUND WATER SUPPLY
- GAS GAS (MP) GAS MEDIUM PRESSURE
- GAS (IP) GAS INTERMEDIATE PRESSURE
- GAS (HP) GAS HIGH PRESSURE
- OIL PIPE
- UNKN UNKNOWN SERVICE METALLIC
- UNKN UNKNOWN SERVICE FOUND WITH GPR
- CABLE UNKNOWN SERVICE CABLE
- FO FIBRE OPTIC
- FO (TYPE) FIBRE OPTIC CABLE
- SA CCTV NOTES - SURVEY ABANDONED
- Note attached eg. BT 0.6 B2 Type Depth Quality

UNDERGROUND UTILITY SURVEY NOTES:
This survey has been carried out to the standard, as described by The Survey Association (TSA), for a Level 4 Survey. (PAS128 Type B) Utilities on this drawing have been detected using non invasive technologies. The performance of these technologies can be adversely affected by ground conditions which are out of the control of Brunel Surveys. Consequently some utilities may be undetectable and therefore, whilst Brunel Surveys uses best endeavours to detect all utilities we cannot guarantee that 100% detection can always be achieved.
Inspection of the information provided by a utility survey and statutory plans, any groundworks should be undertaken with extreme caution and in accordance with health and safety executive guidelines HSG 47 AVOIDING DANGER FROM UNDERGROUND SERVICES

LEGEND

AV Air Valve	GV Gas Valve	SVP Soil Vent Pipe	
BL Bollard	HY Hydrant	THL Threshold Level	
BM Benchmark	IC Inspection Cover	TP Telegraph Pole	
BS Bus Stop	IC Inspection Cover	TP Telegraph Pole	
BT Telecom Cover	IL Invert Level	TS Traffic Sign	
CH Chimney	LB Letter Box	TV TV Manhole	
DP Down Pipe	LC Lamp Column	TT Tree Top	
EY Electricity Cover	MH Manhole	TV Cable TV Cover	
EOT End of Trench	OH Overhead Cable	UTL Unable to Lift	
EP Electricity Pole	PB Post Box	UTS Unable to Survey	
FCL Finished Floor Level	RM Road Marking	VP Vent Pipe	
FFL Finished Floor Level	RNP Road Name Plate	WT Vent Pipe	
FH Fire Hydrant	SC Stop Cock (Water)	VT Vegetation Top	
FP Flood Light	SG Sign Gantry	WM Water Meter	
GP Gate Post	SP Sign Post	WM Water Meter	
GPR Ground Penetrating Radar	SV Stop Valve	WO Wash Out	

KEY

- SURVEY STATION
- GATE
- BANK
- FOLIAGE
- CLIFF
- 50m MAJOR CONTOUR
- MINOR CONTOUR (0.25m interval)

NOTES

Level Datum: OS National Grid OSGM15

Grid Orientation: OS National Grid OSTN15

Scale Factor: Scale Factor 0.999902203

The contractor is to check and verify all critical dimensions and levels before work starts.

Every effort is made to identify all visible above ground features. However, it may be possible that certain featured are obscured at the time of survey.

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CLIENT: Bloor Homes South West

Unit 7
Latham Road
Swindon
Wiltshire
SN25 4DL

JOB TITLE: Topographical / Drainage / Underground Utilities Survey

New Farm
New Road
Melksham
SN12 7QY

REVISIONS

Sheet 7 of 12

Underground Utility Surveys - PAS 128 - Quality Levels

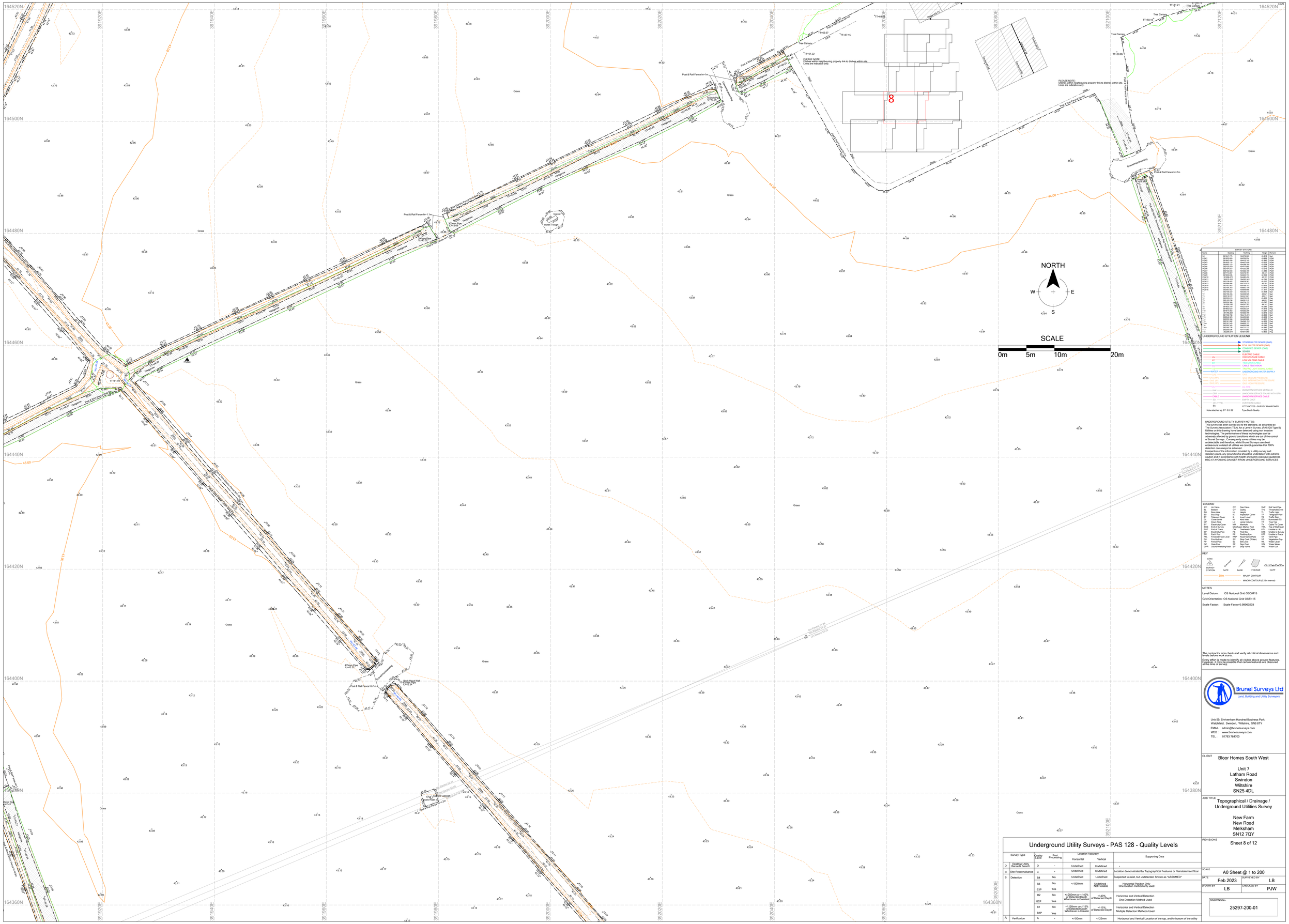
Survey Type		Quality Level	Post Processing	Location Accuracy: Horizontal	Location Accuracy: Vertical	Supporting Data
D	Desktop Utility Records Search	D	-	Undefined	Undefined	-
C	Site Reconnaissance	C	-	Undefined	Undefined	Location demonstrated by Topographical Features or Reinstatement Scar
B	Detection	B4	No	Undefined	Undefined	Suspected to exist, but undetected. Shown as "ASSUMED"
		B3	No	+/-500mm	Undefined - Not Reliable	Horizontal Position Only One location method only used
		B3P	Yes			
		B2	No	+/-250mm or +/-40% of Detected Depth Whichever is Greater	+/-40% of Detected Depth	Horizontal and Vertical Detection One Detection Method Used
		B2P	Yes			
		B1	No	+/-150mm or +/-15% of Detected Depth Whichever is Greater	+/-15% of Detected Depth	Horizontal and Vertical Detection Multiple Detection Methods Used
		B1P	Yes			
A	Verification	A	-	+/-50mm	+/-25mm	Horizontal and Vertical Location of the top, and/or bottom of the utility

SCALE: A0 Sheet @ 1 to 200

DATE: Feb 2023 SURVEYED BY: LB

DRAWN BY: LB CHECKED BY: PJW

DRAWING No.: 25297-200-01



SURVEY STATIONS				
Name	Easting	Northing	Height	Remark
HC80	391922.975	164520.484	43.858	Peg
HC81	391952.905	164376.345	43.858	Peg
FC842	391942.450	164418.140	43.948	POM
FC843	391931.113	164459.935	43.858	POM
FC844	392063.123	164358.788	43.958	POM
FC845	392130.919	164411.885	43.948	POM
FC846	392197.727	164465.983	44.048	POM
FC847	392133.022	164522.469	44.060	POM
FC848	392067.220	164468.372	43.960	POM
FC849	391958.835	164622.722	43.943	POM
FC870	392078.511	164552.867	44.158	POM
FC871	392070.317	164582.867	44.166	POM
FC872	392138.402	164635.267	44.057	POM
FC873	392202.180	164688.763	43.958	POM
FC874	392150.382	164766.162	43.858	POM
FC875	392083.582	164714.965	43.858	POM
FC876	392063.982	164684.868	41.977	POM
T1	392158.453	164538.545	43.821	Nail
T2	392158.453	164538.545	43.821	Nail
T3	392218.972	164541.977	43.811	Nail
T4	392218.972	164541.977	43.811	Nail
T5	392152.238	164581.513	44.001	Nail
T6	392152.238	164581.513	44.001	Nail
T7	391928.193	164531.783	44.141	Nail
T8	391928.193	164531.783	44.141	Nail
T9	391963.923	164432.324	44.813	Nail
T10	391914.983	164362.399	44.067	Nail
T11	391914.983	164362.399	44.067	Nail
T12	391738.121	164415.221	43.853	Nail
T13	392040.322	164423.026	43.938	Peg
T14	392040.322	164423.026	43.938	Peg
T15	392157.950	164582.121	44.163	Peg
T16	392092.345	164658.560	44.045	Peg
T17	392092.345	164658.560	44.045	Peg
T18	392258.878	164711.563	44.950	Peg
T19	392258.878	164647.946	43.850	Peg

UNDERGROUND UTILITIES LEGEND

SWER	STORM WATER SEWER (SWS)
FWER	FOUL WATER SEWER (FWS)
CWER	COMBINED SEWER (CWS)
SEWER	SEWER
E	ELECTRIC CABLE
HV	HIGH VOLTAGE CABLE
LV	LOW VOLTAGE CABLE
ST	STREETLIGHTING
TV	CABLE TELEVISION
TRAFFIC	TRAFFIC LIGHT SIGNAL CABLE
WATER	UNDERGROUND WATER SUPPLY
GAS (MP)	GAS MEDIUM PRESSURE
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OIL	OIL PIPE
UNK	UNKNOWN SERVICE METALLIC
UNK	UNKNOWN SERVICE FOUND WITH GPR
CABLE	UNKNOWN SERVICE CABLE
C	COMMS CABLE
SI (TYPE)	SURVEYED LINE
SA	CCTV NOTES - SURVEY ABANDONED
Note attached eg. BT 0.6 B2	Type Depth Quality

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Prior to any excavation being undertaken by a utility survey and statutory plans, any groundworks should be undertaken with extreme caution and in accordance with health and safety executive guidelines HSG 47 AVOIDING DANGER FROM UNDERGROUND SERVICES

LEGEND

AV	Air Valve	GV	Gas Valve	SVP	Soil Vent Pipe
BL	Bollard	GY	Gulley	THL	Threshold Level
BH	Bore Hole	HI	Height	TL	Traffic Light
BT	Boundary Post	IC	Inspection Cover	TLN	Traffic Light No
BS	Tree Stem Girth	IL	Invert Level	TS	Traffic Sign
CL	Cover Level	KI	Kerb Inlet	ITS	Illuminated TS
DP	Down Pipe	LC	Lamp Column	TT	Tree Top
EOC	End Of Concrete	MH	Manhole Cover	TOW	Top of Wall
EOS	End of Survey	MK(Type)	Marker Post	TWL	Top of Wall level
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FTL	Finished Floor Level	RNP	Road Name Plate	VT	Vent Pipe
FH	Fire Hydrant	SC	Stop Cock (Water)	VT	Vegetation Top
GAT	Gate Valve	SI	Survey Point	WM	Water Meter
GP	Gate Post	SP	Sign Post	WM	Water Meter
GPR	Ground Penetrating Radar	SV	Stop Valve	WO	Wash Out

KEY

STN1 — SURVEY STATION; GATE; BANK; FOLIAGE; CLIFF

50m — MAJOR CONTOUR

MINOR CONTOUR (0.25m interval)

NOTES

Level Datum: OS National Grid OSGM15

Grid Orientation: OS National Grid OSTN15

Scale Factor: Scale Factor 0.99960203

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JOB TITLE

Topographical / Drainage / Underground Utilities Survey

New Farm
New Road
Melksham
SN12 7QY

REVISIONS

Sheet 8 of 12

Underground Utility Surveys - PAS 128 - Quality Levels

Survey Type		Quality Level	Post Processing	Location Accuracy: Horizontal	Location Accuracy: Vertical	Supporting Data
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B	Detection	B4	No	Undefined	Undefined	Suspected to exist, but undetected. Shown as "ASSUMED"
		B3	No	+/-500mm	Undefined - Not Reliable	Horizontal Position Only One location method only used
		B3P	Yes			
		B2	No	+/-250mm or +/-40% of Detected Depth Whichever is Greatest	+/-40% of Detected Depth	Horizontal and Vertical Detection One Detection Method Used
		B2P	Yes			
		B1	No	+/-150mm or+/-15% of Detected Depth Whichever is Greatest	+/-15% of Detected Depth	Horizontal and Vertical Detection Multiple Detection Methods Used
		B1P	Yes			
A	Verification	A	-	+/-50mm	+/-25mm	Horizontal and Vertical Location of the top, and/or bottom of the utility

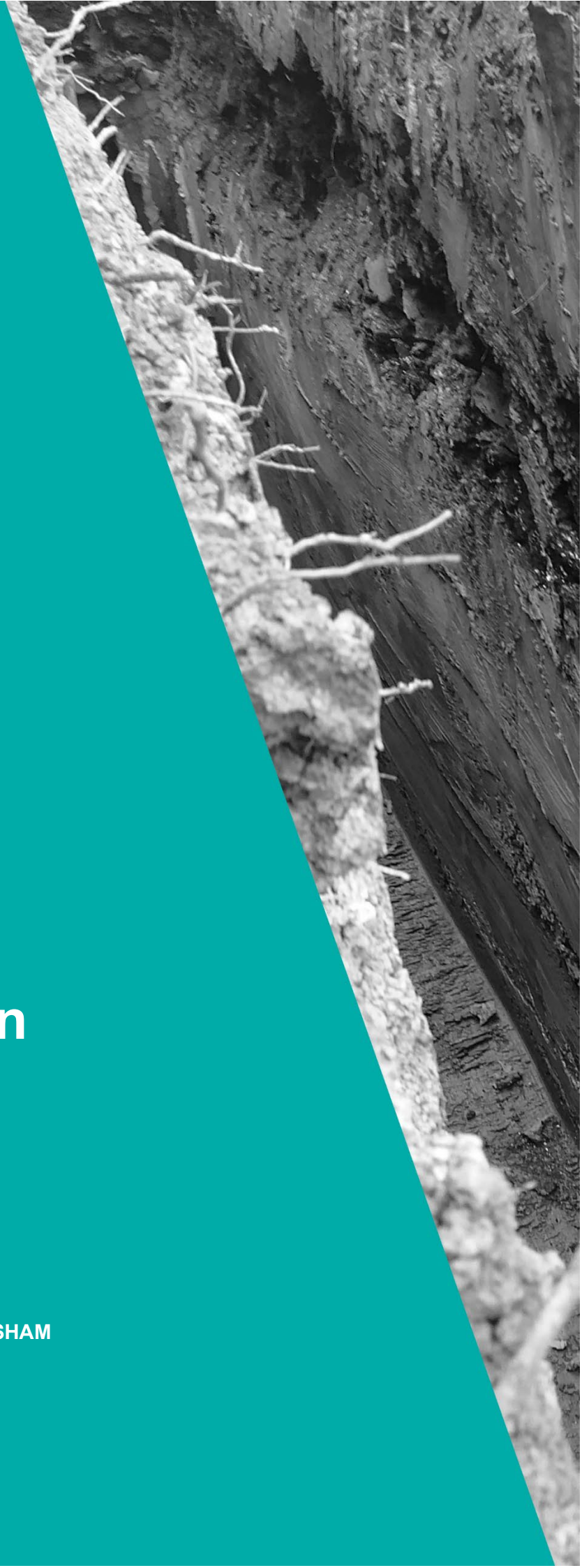
SCALE	A0 Sheet @ 1 to 200
DATE	Feb 2023
SURVEYED BY	LB
DRAWN BY	LB
CHECKED BY	PJW

DRAWING No.

25297-200-01

Appendix C

Eastwood
CONSULTING ENGINEERS



Site Investigation

NEW FARM, SANDRIDGE COMMON, MELKSHAM

BLOOR HOMES SOUTH WEST

16 OCTOBER 2023

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Sheffield, S11 9AS
mail@eastwoodce.com
0114 255 4554
eastwoodce.com

GEOTECHNICAL AND GEO-ENVIRONMENTAL SITE INVESTIGATION

NEW FARM, SANDRIDGE COMMON MELKSHAM

FOR

BLOOR HOMES SOUTH WEST

ISSUE 3



48309-ECE-XX-XX-RP-C-0002 **16 October 2023**

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Registered Office: St Andrew's House, 23 Kingfield Road, Sheffield, S11 9AS, Company No: 1835021, VAT Registration No: 738 2114 44

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A R Priest, BEng I **A G Marshall,** BEng CEng MIStructE

Technical Directors: **A Allison,** BEng I **M P Chappell,** BEng CEng MIStructE I **K Edwards,** MSci CGeol FGS
C Hodge, EngTech MICE I **A J Kerslake,** BEng FGS

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GEOTECHNICAL AND GEO-ENVIRONMENTAL SITE INVESTIGATION

NEW FARM, SANDRIDGE COMMON MELKSHAM

FOR

BLOOR HOMES SOUTH WEST

ISSUE 3

Job No.	:	48309
Report Status	:	Final
Document Date	:	October 2023
Approved	:	



Ruth Noble

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1.0 EXECUTIVE SUMMARY

1. This report presents the findings of a Geotechnical and Geo-environmental Site Investigation carried out by Eastwood Consulting Engineers (ECE) for, and on the instructions of Bloor Homes South West.

2. The approximately 17 hectare site is located off the A3102, on the eastern side of Melksham in Wiltshire.

3. The geological map indicates that the solid geology at the site is the Oxford Clay Formation. No superficial deposits are indicated to be present.

4. Historically, the site comprised agricultural land and has remained undeveloped to the present day. A small pond appears to have been backfilled on the site in circa 1975.

5. The underlying bedrock is classified as unproductive strata. The site does not lie within a groundwater Source Protection Zone.

6. No radon precautions are necessary in the construction of new dwellings.

7. No landfill sites are identified within 250 m of the site, however two areas of potentially infilled land were identified on the site, one of which being the infilled pond and the other being a potential small watercourse on the western boundary of the site. Trial pits were excavated at both locations and no significant depths of made ground or degradable material were encountered. As such there is no significant risk of ground gas generation and no ground gas protection measures are considered to be required.

8. The ground conditions were found to comprise topsoil over firm to stiff sandy gravelly clay, inferred to be representative of superficial deposits, becoming very stiff clay of the Oxford Clay Formation generally from between 0.8 and 1.4 m depth.

9. Groundwater was not encountered during the investigation.

10. Infiltration testing has indicated that soakaways will not be a viable form of surface water drainage at the site. Alternative drainage solutions will therefore need to be considered.

11. Geotechnical laboratory testing has demonstrated that the cohesive superficial deposits have a high volume change potential (VCP) and the Oxford Clay Formation has a medium VCP.

12. Strip or trenchfill foundations onto the natural firm to stiff clay are considered appropriate at a minimum depth of 1000 mm. An allowable bearing capacity of 125 kN/m^2 can be adopted for the superficial deposits, increasing to 150 kN/m^2 on the Oxford Clay Formation.

13. Foundations will need to be deepened when located within influencing distance of trees, in accordance with NHBC Standards Chapter 4.2. Where founding depths exceed 2.5 m, piling is likely to be required.

14. DS-2 AC-2 sulphate precautions will be required for concrete in contact with the superficial deposits, increasing to DS-4 AC-4 for concrete in contact with the Oxford Clay Formation.

15. No elevated concentrations of contaminants were recorded and no remedial measures are considered necessary.

16. The conclusions made in this report are subject to agreement by the approving bodies and your warranty provider.

2.0 INTRODUCTION

2.1 Terms of Reference

This report presents the findings of a Geotechnical and Geo-environmental Site Investigation carried out by Eastwood Consulting Engineers for, and on the instructions of, Bloor Homes South West. Any other parties using the information in this report do so at their own risk and any duty of care is excluded.

2.2 Context

ECE has not been made aware of any previous investigation undertaken at the site.

2.3 Aims and Objectives

The aims and objectives of this additional investigation were as follows:

- To assimilate and review information extracted from published documentation to derive an outline conceptual model identifying potential contaminants, pathways and receptors, as well as possible linkages between these;
- Detail the ground conditions and their geotechnical properties enabling outline foundation proposals to be made for the proposed development;
- Carry out tiered risk assessment to establish the likely risks to future receptors, involving the use of generic assessment criteria and where unacceptable risks are identified, site specific assessment criteria within a detailed quantitative risk assessment;
- Identify feasible remediation options if unacceptable risks are highlighted; and
- Develop an appropriate remediation strategy where remediation is required.

2.4 Scope of Investigation

This document is split into two sections. These constitute the findings of the Phase 1 and Phase 2 investigations, consecutively.

2.4.1 Phase 1

The Phase 1 investigation involved a review of information extracted from published documentation as well as that obtained from a site reconnaissance. Information regarding the current and former land uses both on and surrounding the site, as well as the environmental sensitivity of the site

location as determined by factors including geology, hydrogeology and hydrology have been examined.

Information analysed in this section of the report has been obtained from a variety of sources and included the following:

- Envirocheck Report
- Geological Maps and Associated Geological Memoirs; and
- A site walkover

2.4.2 Phase 2

This part of the investigation consisted of intrusive works and laboratory analysis. The findings were used to test the conceptual model and produce a final risk assessment. The intrusive works comprised trial pits which were undertaken to enable:

- Examination of the shallow ground conditions;
- In situ description of soils, enabling any localised lateral and vertical changes in soil conditions to be logged;
- Assessment of any contamination identified using visual and olfactory methods; and
- Collection of soil samples for chemical and geotechnical testing.

2.5 Limitations of Investigation

This report is based on the assumption that the site will be developed with new residential dwellings, outdoor play areas and a nursery. The dwellings will be of conventional construction and will be two storeys or less in height, and it is assumed that existing ground levels will not alter significantly. If this is not the case, then the advice given in this report may not be appropriate.

Where assessments of site areas affected in particular ways are given, these are approximate. All information, comments and opinions given in this report are based on the ground conditions encountered during the site work, on the results of laboratory testing carried out as part of the investigation and information gained from a geological and historical desk study. However, there may be conditions at the site that have not been taken into account, such as unpredictable soil strata and water conditions between or below investigation points. It should be noted that

groundwater levels vary due to seasonal or other effects, and may at times differ from those measured during the investigation.

This report considers the ground and groundwater and does not cover any buildings or their fabric or the constituents of any existing hardstanding materials. Generally, testing has only been carried out for contaminants identified as potentially present with no assessment made of biological contamination. Risks to ecological receptors, such as bats, have not been considered.

3.0 THE SITE

3.1 Description

The approximately 17 hectare site is located off the A1302, Sandridge Common on the eastern side of Melksham. The site is irregular in shape and centred off grid reference 392030 164540.

The site currently comprises eight agricultural fields all bordered by hedgerows with trees locally interspersed within the hedgerows. Within the centre of the site, but not included within the site boundary, there are three residential properties with gardens with hedgerows separating them from the fields and also a working farm yard with associated industrial equipment and commercial outbuildings.

A surface watercourse is present in the eastern portion of the site running through the fields roughly southeast to northwest before changing to run southwest to northeast and crosses the northern site boundary.

Two sets of overhead cables cross the site. A 400 Kv route crosses the northern portion of the site northwest-southeast and an 11Kv route crosses the southern portion of the site roughly east-west.

The A1302, Sandridge Common borders the south of the site and New Road borders the east of the site. The site is bordered to the west and south by residential properties, while to the north and beyond New Road to the east of the site, are more agricultural fields.

The site is relatively level at around 45 m AOD.

3.2 History

Historical Ordnance Survey maps obtained as part of the Envirocheck Report have been studied to assess the previous use of the site. Copies of the maps are presented in Appendix 1.

3.2.1 The Site

The earliest historical map of the area, dated 1886, shows the majority of the site to be undeveloped and comprised of agricultural fields with lines of trees delineating the boundaries, in a similar arrangement to the current day, but with an additional field boundary in the east of the site. By 1901 the surface watercourse which currently crosses the site from north to south is indicated. In addition, a pond is located at the intersection of four field boundaries in the east of the site.

No changes are then observed until the 1961 map which shows the overhead power line and associated pylons crossing the northern section of the site.

The pond in the east appears to have reduced in size between 1961 and 1973, and is no longer indicated from 1975, at which point the additional field boundary is removed and the site appears in its current day layout.

No further significant changes are observed on any of the subsequent maps.

3.2.2 The Surrounding Area

The earliest available historical maps, dated 1886, shows the immediately surrounding area to be predominantly agricultural farm land. In the location of the existing farm buildings outside the centre of the site are a number of structures assumed to comprise previous farm buildings. Two wells are also noted in this area, but these do not appear to encroach onto the site. The southern and eastern boundaries of the site are formed by roads, in the same location as the present day Sandridge Common and New Road respectively.

The wider surrounding area is also predominantly agricultural with scattered farm buildings and the village/hamlets of Melksham Forest and Blackmore Forest being present around 350 m west and immediately to the south east of the site respectively.

By 1901 small amounts of predominantly residential development have appeared around Melksham Forest and Blackmore Forest. The development around Melksham then continues throughout the 20th Century. It meets the western site boundary by 1973 at which time a transport depot is indicated around 350 m south of the site.

Small amounts of development then continue, and the development reaches the full extent of the western boundary, as well as the western half of the southern boundary between 2006 and 2023.

No further significant changes are then noted.

3.3 Geology

The online BGS Geology Viewer shows the bedrock across the site to be the Oxford Clay Formation comprising mudstone. There are no recorded Superficial deposits overlying the Oxford Clay Formation. This agrees with map sheet 265 of the Geological Survey of England and Wales 1:63,360/1:50,000 geological map series.

No faults are indicated to be present within the vicinity of the site.

There are no historical borehole records recorded within the vicinity of the site.

3.4 Hydrogeology

3.4.1 Groundwater Vulnerability

The underlying bedrock is classified as unproductive strata comprising rock layers with low permeability that have negligible significance for water supply or river base flow.

Information within the Envirocheck states that the site is not located within a groundwater Source Protection Zone.

3.4.2 Groundwater Abstractions

According to the Envirocheck there are no groundwater abstractions recorded within 500 m of the site.

3.5 Hydrology

The Envirocheck records the nearest surface water feature, to be located within the site. This is considered to refer to the surface watercourse identified on existing maps of the site. There are a number of surface watercourses identified within the surrounding area, however the nearest named watercourse is the River Avon, located around 1.2 km west of the site.

Information within the Envirocheck states that the site does not lie within a groundwater Source Protection Zone.

3.6 Extractive Industries

The site does not lie within a coal mining-affected area.

There are no BGS recorded mineral sites within 1km of the site, and no extractive industries were identified in the surrounding area on the historical maps.

Extractive industries are therefore not considered to affect the site.

3.7 Ground Gas

The site is within a lower probability radon area where <1% of homes are estimated to be at or above the action level. Therefore no radon precautions are necessary in the construction of new dwellings.

No development has occurred on the site in the past and therefore significant depths of made ground are not expected to be present. A suspected infilled pond is however noted to be present in the western part of the site, and therefore localised made ground may be associated with this.

According to the Envirocheck there are no landfill sites within 250 m of the site.

The Envirocheck lists two areas of potentially infilled land relating to water-related features, on the site or site boundary. One refers to the infilled pond mentioned above and the second is located on the western corner of the site where a possible watercourse was infilled. However, there is no definitive evidence of this shown on the historical maps. The Enviocheck also lists seven more instances of potentially infilled land within 250 m of the site, with all relating to small ponds or surface watercourses. The areas of potentially infilled land would not be considered to have the potential to generate significant volumes of ground gas, and due to the low permeability of the geology in the area, lateral migration of gases is unlikely to occur. Amber 1 ground gas precautions should be installed in the plots located directly over the infilled pond located within the site unless further investigation and risk assessment demonstrates that there is no risk.

3.8 Pollution Incidents to Controlled Waters

The Envirocheck lists one pollution incident within 250 m of the site, recorded at 115 m east of the site. This was a Category 3 (Minor) incident relating to the release of diesel fuels on 24th March 1999 into the Upper Avon Catchment. Due to the distance from site and the time elapsed since the incident it is not considered that this will pose a significant risk to the site.

3.9 Local Authority Pollution Prevention and Controls

The Envirocheck does not list any controls within 250 m of the site.

3.10 Discharge Consents

The Envirocheck does not list any active discharge consents within 250 m of the site. There is however one revoked discharge consent. This was located 42 m south east of the site and operated by Wessex Water Services Ltd. It related to sewage discharges to a ditch tributary of Clackers Brook.

This is not considered to affect the groundwater below the site.

3.11 Flooding

Information provided in the Envirocheck Report shows the watercourse crossing the site to be bordered on either site by a Zone 2 (extreme) flood area relating to rivers or the sea. This watercourse is also noted as being at high risk (30 year return) of surface water flooding. Additional low to high surface water flood risk areas area present in the north, east and south of the site.

The site does not however lie within an area at risk of groundwater flooding.

3.12 Soil Geochemistry

The Envirocheck estimates the following concentrations of arsenic, cadmium, chromium, nickel and lead to be present in the natural soil at the site. These have been compared to the appropriate assessment value protective of residential human health receptors with homegrown produce.

Contaminant	Estimated Concentration (mg/kg)	Assessment Value (mg/kg)
Arsenic	15 to 25	37
Cadmium	<1.8	11
Chromium	90 to 120	910
Lead	<100	200
Nickel	30 to 45	180

Given the above, no naturally elevated concentrations of metals/metalloids are anticipated.

3.13 Contemporary Trade Directory Entries and Fuel Station Entries

There are two contemporary trade directory entries recorded within 250 m of the site, the nearest is a door manufacturer 91 m south of the site and a plant and machinery repairer 107 m west of the site, although Envirocheck states that this is inactive.

There are no fuel stations within 250 m of site.

3.14 Ground Stability Hazards

The Envirocheck states the potential for shrinking or swelling clay ground stability hazards on the site is classed as moderate. The remaining ground stability hazards listed in the Envirocheck are classed as either ‘very low’ or ‘no hazard’.

4.0 OUTLINE CONCEPTUAL MODEL

4.1 Potential Sources of Contamination

Historically, the site was part of agricultural land and has remained undeveloped to present day. The site is to be developed with residential housing with associated private gardens, roads and areas of public open space.

4.2 Ground Gas

Radon precautions are not required.

Significant areas of made ground are not expected to be present at the site, although there is potential for deep made ground associated with an infilled pond in the west of the site.

No landfill sites have been recorded within 250 m of the site.

Amber 1 ground gas precautions should be installed in the plots located directly over the infilled pond located on site unless further investigation and risk assessment demonstrate that this is not required.

4.3 Potential Pollutant Linkages

The following table details the possible sources and associated contaminants of concern, pathways and receptors, highlighted by the Phase 1 as potentially present.

Source	Potential Contaminants	Potential Pathways	Potential Receptors
Made ground	Heavy metals/metalloids Asbestos PAHs	Ingestion Inhalation Direct contact Biological uptake Migration through ground	Site residents and visitors to the site Site construction workers Plants Water supply pipes
Topsoil	Pesticides		
Made or natural ground	Sulphates Low pH	Direct contact	Below ground concrete

5.0 GROUND INVESTIGATION

5.1 Site Works

Eastwood Consulting Engineers attended site from 24 July to 2 August 2023. Ninety-three trial pits (TP1 to TP93) were excavated to depths of between 2.4 m and 2.7 m bgl and five cable percussion boreholes (BH01 to BH05) were completed to depths of between 10.5 and 14.1 m bgl.

Eastwood Consulting Engineers attended site again on 11 October 2023. Infiltration tests were undertaken in six locations (SAA – SAF) at depths of between 0.9 m and 2 m bgl. A further two trial pits (TP94 and TP95) were also excavated to investigate the two areas of potentially infilled ground identified on site. These reached depths of between 2 and 2.5 m bgl.

Copies of all trial pit and borehole logs are presented in Appendix 3, and their locations are plotted on the Exploratory Hole Location Plan, drawing number 48309/SK001, a copy of which is included in Appendix 2.

5.2 Laboratory Testing

Forty-two samples of topsoil and twenty-four samples of natural ground were despatched for chemical testing. Soil samples were taken in 1kg plastic tubs and 250ml amber glass jars and analysed at Chemtest laboratories using MCERTs accredited methodologies where available. The chemical test results are presented in Appendix 4 and discussed further in Section 8.

Fifteen disturbed samples and six undisturbed (U100) samples of natural ground were dispatched for geotechnical testing at Geolabs. The results are included in Geolabs report reference GEO/38592 a copy of which is enclosed and discussed further in Section 7.

6.0 GROUND CONDITIONS

6.1 Topsoil

Topsoil was encountered at the surface in all of the trial pit locations. This was predominately dark brown gravelly silty sand/sandy silt and reached depths of 0.3 m below ground level (bgl).

6.2 Made ground

Made ground was only identified in one location, TP94, which was excavated in the location of the backfilled pond identified on historical maps. The made ground comprised re-worked superficial deposits with the inclusion of rare concrete and brick fragments. It reached a depth of 0.5 m bgl.

6.3 Natural Ground

Underlying the topsoil or reworked ground, the natural ground was found to comprise firm to stiff, slightly sandy slightly gravelly clay generally to depths of between 0.8 and 1.4 m bgl, although this did reach 2 m in one location. This was inferred to represent superficial deposits and was found to overlie very stiff fissured clay representative of the Oxford Clay Formation. The base of this strata was not proven in any of the trial pits. The borehole continued within this stratum which generally became weak mudstone at depths of between 12 and 13.9 m bgl.

6.4 Obstructions

No significant obstructions were encountered.

A 21 mm water pipe supplying water troughs on site was encountered in TP48 at a depth of 0.6 m bgl. This was damaged by the excavator and subsequently sealed. No evidence of the pipe was shown on any of the services records provided to ECE prior to the investigation.

6.5 Groundwater

Groundwater was not encountered within any of the trial pits excavated on the site.

6.6 Evidence of Contamination

Visual or olfactory evidence of possible contamination was not identified in any of the exploratory holes.

7.0 GEOTECHNICAL APPRAISAL

The site is proposed for residential development including private gardens and areas of public open space.

Ground conditions encountered during the site investigation comprised topsoil over firm to stiff clay, with the exception of re-worked clay being encountered in six locations. The ground conditions were found to be homogenous with little variation noted.

7.1 Geotechnical Testing

Fifteen samples of the natural cohesive ground were sent for geotechnical testing. A copy of the results (GEO/38592) is included in Appendix 4 and these are summarised in the table below.

Location	Depth (m bgl)	Strata	Water Content (%)	Liquid Limit (%)	40% Liquid Limit	Modified Plasticity Index (%)	Volume Change Potential
TP01	2.0	OCF	26.5	52	20.8	32	Medium
TP04	1.2	OCF	25.7	55	22	31	Medium
TP04	2.6	OCF	27.6	60	24	32.6	Medium
TP06	1.5	OCF	26.3	53	21.2	33	Medium
TP10	1.0	OCF	24.5	55	22	30	Medium
TP13	0.9	SD	29.4	67	26.8	45	High
TP15	1.5	OCF	23.3	51	20.4	26	Medium
TP21	1.5	OCF	24.0	52	20.8	30	Medium
TP25	1.5	OCF	25.5	48	19.2	25	Medium
TP28	2.3	OCF	29.8	56	22.4	30	Medium
TP37	0.4	SD	29.6	70	28	44	High
TP37	2.5	OCF	27.2	53	21.2	28	Medium
TP57	1.4	OCF	24.2	54	21.6	29	Medium
BH3	1.0	SD	38.4	80	32	48.5	High
BH3	2.4	OCF	29.2	64	25.6	37.6	Medium

OCF = Oxford Clay Formation
SD = Superficial Deposits

The above demonstrates that the cohesive superficial deposits have a high volume change potential, whilst the underlying Oxford Clay Formation is shown to be of medium volume change potential in accordance with NHBC Standards Chapter 4.2. Based on this, the clay soils should be considered to be of high volume change potential for design purposes.

In all samples the water content is greater than 40% of the liquid limit and therefore the samples are not indicated to be significantly desiccated.

The seven undisturbed samples underwent quick undrained triaxial testing. The results are again included in Geolabs report (GEO/38592) , and are summarised in the table below.

Location	Depth (m bgl)	Material	Shear Stress (kPa)
BH2	6.0	Oxford Clay Formation	137
BH3	3.0	Oxford Clay Formation	62
BH3	9.0	Oxford Clay Formation	384
BH4	4.0	Oxford Clay Formation	108
BH4	10.0	Oxford Clay Formation	388
BH5	6.0	Oxford Clay Formation	131

These results indicate a trend of increasing shear strength with depth within the natural Oxford Clay, as would be expected.

7.2 Foundations

Conventional strip or trench-fill footings are considered appropriate. Based on the clay soils having a high volume change potential, a minimum founding depth of 1000 mm below current or finished ground level, whichever is lower, will be required. All foundations must be taken down to bear on undisturbed, non-desiccated natural ground. Therefore if any made/re-worked ground or desiccated clay is encountered at founding depth, the foundations will need to be deepened until non-desiccated natural ground is encountered.

Our observations with regards to the strength of the clay soils indicate that at the minimum founding level of 1000 mm an allowable bearing capacity of 125 kN/m^2 will be appropriate for design. This is likely to increase to around 150 kN/m^2 on the underlying Oxford Clay Formation strata. All foundation trenches should, however, be inspected for soft spots and if any are encountered the foundation should be deepened locally until firmer ground is encountered.

Foundations within clay soils will need to be deepened in accordance with NHBC Standards, Chapter 4.2 where past, present or proposed trees are within influencing distance of the foundation. Heave precautions will be required where the footing depth due to past or present trees is in excess of 1500 mm. For trenchfill footings, allowance should be made for placing a 75 mm thickness of low density polystyrene from the top of the footing down to a depth of 500 mm above formation level

against the inside face of the perimeter footings. The trenches will need to be dug wider to accommodate this. A smooth vertical face is required for the external side of the footings.

Consideration should be given to tree influence at an early stage. Plots are likely to need to be piled wherever the depth due to trees exceeds 2.5 m, therefore, plots should be located outside these zones, where possible, in order to prevent the need for piling.

7.3 Ground Floors

Where less than 600 mm of made ground is present, ground bearing slabs will be appropriate. Elsewhere, reinforced suspended slabs or precast concrete floors with a minimum 150 mm high ventilated void should be used.

If the footings require heave precautions due to trees, a precast concrete floor with a ventilated void will be required. This void should be a minimum of 300 mm high.

7.4 Superstructure Precautions

No additional superstructure precautions will be required due to the ground conditions encountered.

7.5 Excavation Problems

All of the trial pits remained dry and stable whilst open. Nonetheless, support will be required in accordance with current Health & Safety Regulations wherever access is required to trenches deeper than 1.2 m or less where there is risk of collapse.

7.6 Obstructions

No significant obstructions were encountered.

7.7 Roads

A CBR value of at least 2% is likely to be appropriate for road design. The ground should be assumed to be frost susceptible and a minimum construction thickness of 450 mm will therefore apply. It is recommended that CBR tests are undertaken along any proposed roads prior to construction so that more accurate CBR values can be obtained.

7.8 Surface Water Drainage

Infiltration tests were undertaken in six locations (SAA to SAF) spread across the proposed residential development area.

Five of the tests were undertaken within the superficial slightly sandy clay at between 0.9 and 1.1 m bgl and one was undertaken within the underlying Oxford Clay at 2 m bgl.

Each of the tests was allowed to run for at least three hours and over this time period the water level in the pits did not drop. As such it has not been possible to calculate infiltration rates.

Based on these results infiltration drainage is unlikely to be viable and alternative surface water drainage options will need to be considered.

8.0 REFINEMENT OF OUTLINE CONCEPTUAL MODEL

8.1 Source Characterisation

An outline conceptual model, detailing the possible sources and associated contaminants of concern, potential pathways and receptors identified in the phase 1 study was detailed in Section 4.0.

This section of the report documents the works undertaken to obtain information to test and refine this model enabling a risk assessment to be produced and, where significant risks are expected, remediation recommendations.

8.2 Investigation of Potential Contamination Sources

The investigation works undertaken to cover each of the sources of potential contamination outlined in Section 4, are detailed in the table below:

Source	Potential Contaminants	Targeted Exploratory Holes
Made ground	Heavy metals/metalloids Asbestos PAHs	Made ground was not encountered in any of the exploratory holes.
Topsoil	Pesticides	Topsoil was encountered in all of the exploratory holes.
Sulphates and low pH in natural ground	Sulphates Low pH	Natural ground was encountered in all of the exploratory holes.

8.3 Gas Precautions

No radon precautions are required at the site and no landfill sites were identified within 250 m.

Two trial pits, TP94 and TP95, were excavated to investigate the two areas of potentially infilled ground identified within the Envirocheck to be located on site. One of these was a backfilled pond located in the centre of the western half of the site, and the second was a possible infilled watercourse located on the western corner of the site. TP94 was excavated in the location of the former pond and encountered made ground to a depth of 0.5 m. This was found to comprise re-worked superficial deposits including rare fragments of concrete and brick. TP95, on the western boundary, encountered superficial deposits directly underlying the topsoil. There was no evidence of anthropogenic material, however the soil could have been re-worked. Oxford Clay Formation strata was then encountered at 1.3 m bgl.

No significant depths of made ground were encountered in either location, and no degradable material was found to be present. Therefore ground gas precautions are not considered to be necessary in the construction of new dwellings in the vicinity of these features.

8.4 Unexpected Contamination

No visual or olfactory observations of unexpected contamination were noted.

8.5 Chemical Testing

Forty-five samples of topsoil and twenty-five samples of natural ground were sent for testing. Each of the samples was analysed for the suite of contaminants listed overleaf.

Contaminant Type	Actual Contaminants
Metals/Metalloids	Arsenic, cadmium, chromium, lead, mercury, nickel, selenium, copper and zinc
pH	pH
PAHs	Speciated PAH
Sulphates*	Water soluble sulphate, acid soluble sulphate, total sulphur

*Natural ground only

In addition to the above testing, five samples of topsoil were screened for asbestos and five were also tested for organochlorine and organophosphorus pesticides. Nine samples of topsoil and four samples of natural ground were also tested for total organic carbon.

Testing was undertaken by Chemtest, a UKAS accredited laboratory, using MCERTs accredited methodologies, where available.

8.6 Assessment Criteria

The proposed development of the site is to be residential with associated gardens and car parking, there are also to be outside recreation areas and a nursery. Therefore, the assessment criteria relating to a residential end use with homegrown produce have been used.

Tables detailing the relevant assessment concentrations used are included in Appendix 5.

8.7 Chemical Test Results

A copy of the chemical test results (Chemtest report 23-25982) is included in Appendix 4. Some preliminary risk assessment is undertaken in this section of the report where determinants can be readily discounted.

8.7.1 Topsoil

No determinants were found to be elevated within the samples of topsoil.

None of the samples tested recorded asbestos to be present.

None of the samples tested recorded any detectable concentrations of pesticides.

8.7.2 Natural Ground

No determinants were found to be elevated within the samples of natural ground.

8.7.3 Phytotoxicity

There were no exceedances of phytotoxicity assessment values within any of the samples.

8.7.4 Sulphates

In accordance with BRE Special Digest 1, the site comes under the classification of 'greenfield' and groundwater is not expected to be mobile.

The natural ground samples collected from the trial pits, all of which represented what is inferred to be superficial deposits, as well as four deeper samples of Oxford Clay Formation from the cable percussion boreholes were each scheduled for analysis of sulphates in order to confirm the concrete classification. The results for the sulphate testing are included in Geolabs report reference (GEO/38592), and Chemtest report reference (23-25982-1) copies of which are enclosed in Appendix 4, and are summarised in the tables below;

Strata	Superficial Deposits	Range of Results	Characteristic Value	Design Sulphate Class	ACEC class
Superficial Deposits	Water Soluble Sulphate (mg/l)	<10 – 270	180	DS-2	AC-2
	Total Sulphur (%)	0.012 – 0.2	0.11		
	Total potential sulphate	0.069 – 0.21	0.33		
	pH	6.6 – 8.2	6.6		
Oxford Clay Formation	Water Soluble Sulphate (mg/l)	550 to 2,300	2,300	DS-4*	AC-4
	Total Sulphur (%)	0.41 to 1.0	1.0		
	Total potential sulphate	1.23 to 3.0	3.0		
	pH	7.8 to 8.3	7.8		

*A Design Sulphate Class of DS-4 has been determined as BRE Special Digest 1 confirms that '*a limitation can be applied if the sulfate class for the total potential sulfate is initially found to be Sulfate Class 5, but sulfate classes for groundwater and the water extracts tests are Sulfate Class 3 or less. In this case, the Design Sulfate Class for the site location can be limited to DS-4*'

The results have been compared with values given in 'BRE Special Digest 1 – Concrete in Aggressive Ground, and design sulphate (DS) and aggressive chemical environment for concrete (ACEC) classifications have been determined from this.

The Superficial Deposits tested indicate a concrete classification of DS-2 AC-2 and the samples of Oxford Clay Formation have resulted in a concrete classification of DS-4 AC-4. Appropriate sulphate precautions will therefore be required in below ground concrete at the site.

8.8 Significant Pollutant Linkages

The significant pollutant linkages consequently identified are thus documented in the table below

Source	Pathway	Receptor
Sulphates in the natural ground	Direct contact	Below ground concrete

9.0 RISK ASSESSMENT

9.1 Human Health: Future Site Users

No determinants were recorded at concentrations considered to pose a significant risk to human health. Therefore no remedial measures are necessary and the soils on site are considered suitable for re-use within the development.

9.2 Human Health: During Construction

Groundworkers employed during the construction phase of the development are most at risk of harm due to them having direct contact with affected soils. However, the contact is generally of short duration, and all competent ground workers will be aware of the potential risks associated with any made ground soils. Therefore, the overall risk to the health of construction workers is considered to be low.

Normal site procedures, such as the wearing of gloves when handling soils and the washing of hands prior to eating, should be implemented at all times.

9.3 Plants

No samples recorded phytotoxic concentrations of contaminants.

9.4 Ground Gas

Ground gas precautions are not considered to be required in any plots constructed at the site.

9.5 Construction Materials

Based on the results of the pH and sulphate testing discussed in Section 8.7.4, DS-2 AC-2 sulphate precautions will be required for any concrete in contact with the superficial deposits only. For concrete in contact with the underlying Oxford Clay Formation DS-4 AC-4 sulphate precautions will be required.

The results of the chemical testing will need to be forwarded to the water company so that appropriate water supply pipes can be selected.

9.6 Controlled Waters

Groundwater was not encountered as part of this investigation and no elevated concentrations of contaminants were recorded in the soil samples. No significant risk to controlled waters has therefore been identified during the course of this investigation.

Standard good site practice during the construction phase of the development must still be adhered to in terms of surface water run-off control measures, to ensure there is no risk to controlled waters.

9.7 Unexpected Contamination

Should any unusual, brightly coloured, ashy, fibrous or odorous material or material suspected of containing asbestos be encountered during construction this should be brought to the attention of the site staff and investigated.

9.8 Disposal of Material

If material needs to be removed, it should to be taken to a suitably licensed landfill or waste treatment facility. The costs of disposal and landfill tax can be substantial. The disposal of material should therefore be seen as a last resort with options such as treatment and reuse either on-site or off-site considered where possible.

The category of landfill which can accept the waste (inert, non-hazardous or hazardous) would need to be determined and will also have a significant effect on the costs. Additional testing may be required by the landfill operator and the acceptance of material is generally at their discretion.

Appendix 1

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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Gravel Pit
Sand Pit
Other Pits
Quarry
Shingle
Orchard
Osiers
Reeds
Marsh
Mixed Wood
Deciduous
Brushwood
Fir
Furze
Rough Pasture
Arrow denotes flow of water
Trigonometrical Station
Site of Antiquities
Bench Mark
Pump, Guide Post, Signal Post
Well, Spring, Boundary Post
285 Surface Level
Sketched Contour
Instrumental Contour
Main Roads
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
Sunken Road
Raised Road
Road over Railway
Railway over River
Railway over Road
Level Crossing
Road over River or Canal
Road over Stream
Road over Stream
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. Rural District Boundary
Civil Parish Boundary

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Electricity Transmission Line
Pole
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
Standard Gauge Single Track
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

1:10,000 Raster Mapping

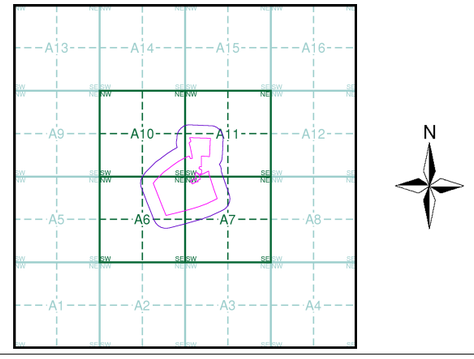
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community boundary
District, Unitary, Metropolitan, London Borough boundary
Constituency boundary
Area of wooded vegetation
Non-coniferous trees
Non-coniferous trees (scattered)
Coniferous trees
Coniferous trees (scattered)
Positioned tree
Orchard
Coppice or Osiers
Rough Grassland
Heath
Scrub
Marsh, Salt Marsh or Reeds
Water feature
Flow arrows
MHW(S) Mean high water (springs)
MLW(S) Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
BM 123.45 m Bench mark (where shown)
Triangulation station
Point feature (e.g. Guide Post or Mile Stone)
Pylon, flare stack or lighting tower
Site of (antiquity)
Glasshouse
General Building
Important Building

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Wiltshire	1:10,560	1888	2
Wiltshire	1:10,560	1901	3
Wiltshire	1:10,560	1926	4
Wiltshire	1:10,560	1942 - 1951	5
Historical Aerial Photography	1:10,560	1947	6
Ordnance Survey Plan	1:10,000	1961	7
Ordnance Survey Plan	1:10,000	1975	8
Ordnance Survey Plan	1:10,000	1988	9
10K Raster Mapping	1:10,000	2000	10
10K Raster Mapping	1:10,000	2006	11
VectorMap Local	1:10,000	2023	12

Historical Map - Slice A



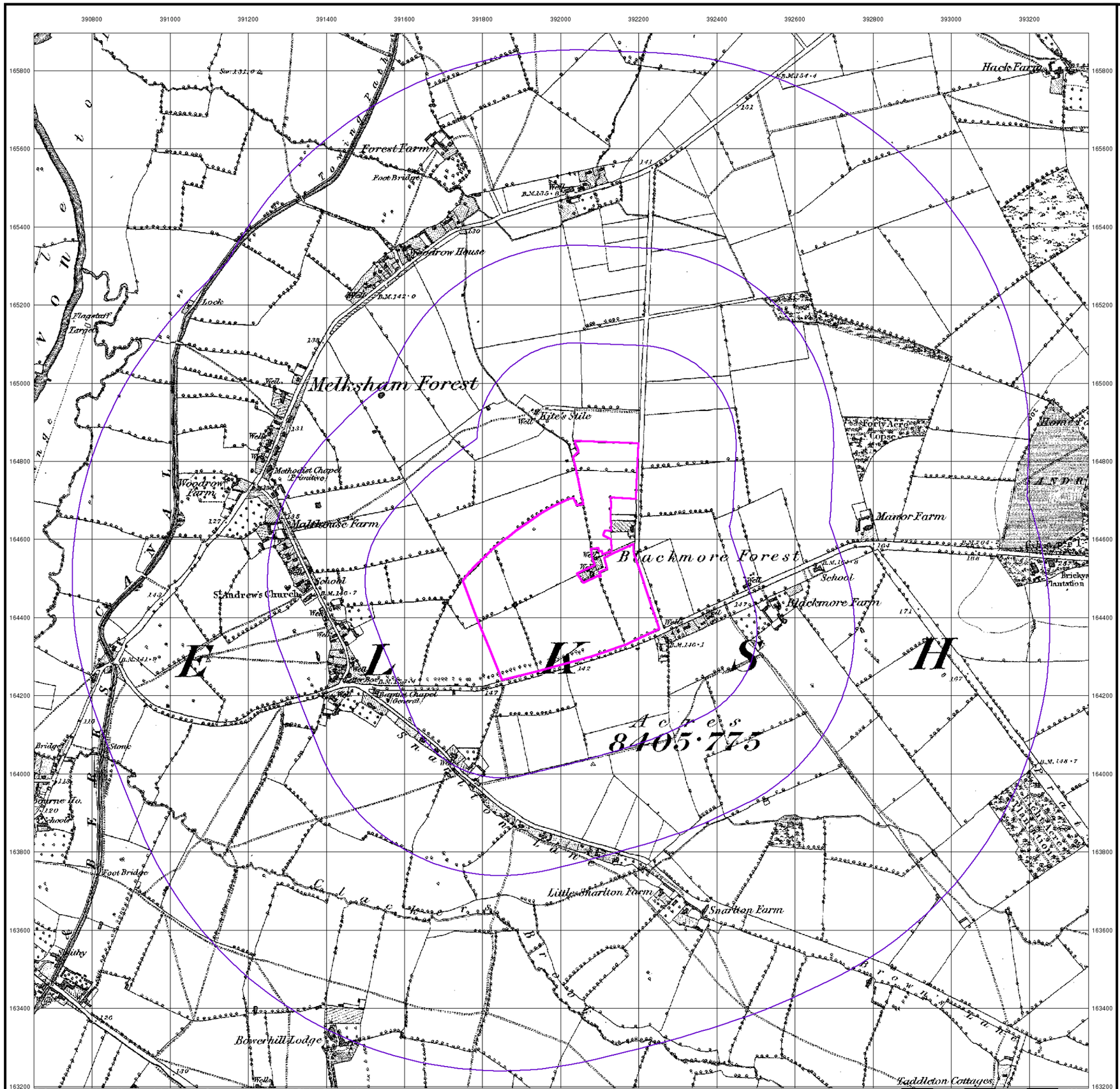
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Order Number: 313423348_1_1
Customer Ref: 48309
National Grid Reference: 392030, 164540
Slice: A
Site Area (Ha): 16.96
Search Buffer (m): 1000

Site Details

Site at 392040, 164540

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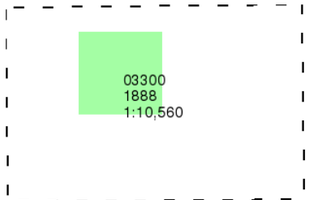
Wiltshire

Published 1888

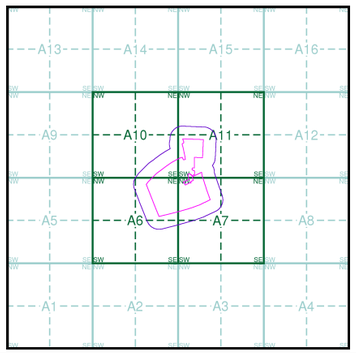
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

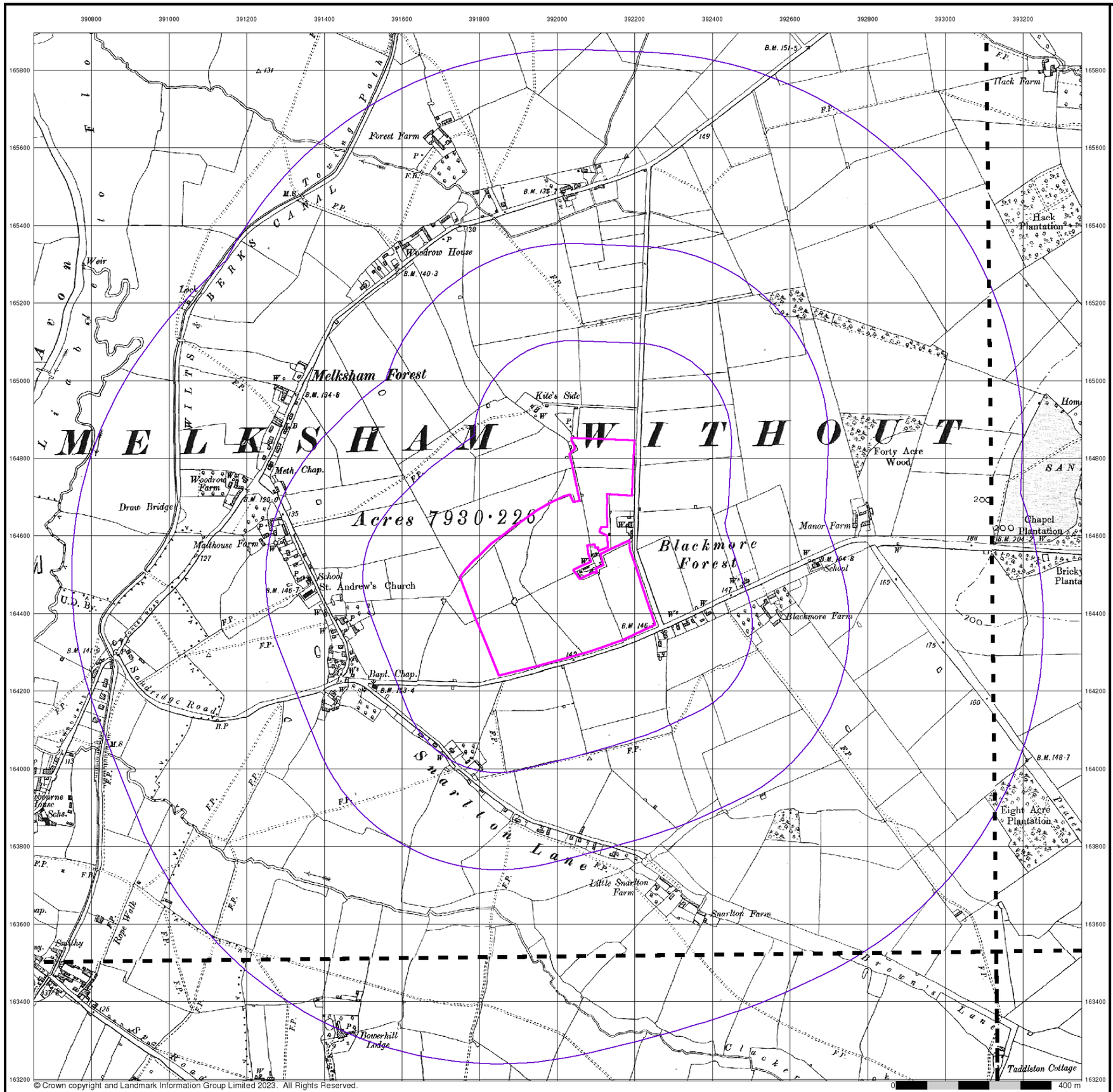
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Slice:	A
Site Area (Ha):	16.96
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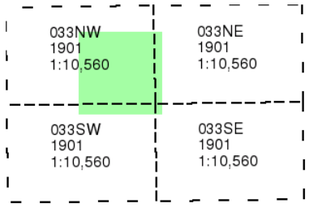
Wiltshire

Published 1901

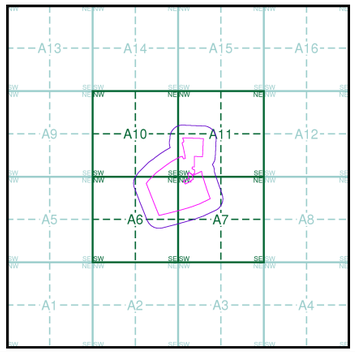
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



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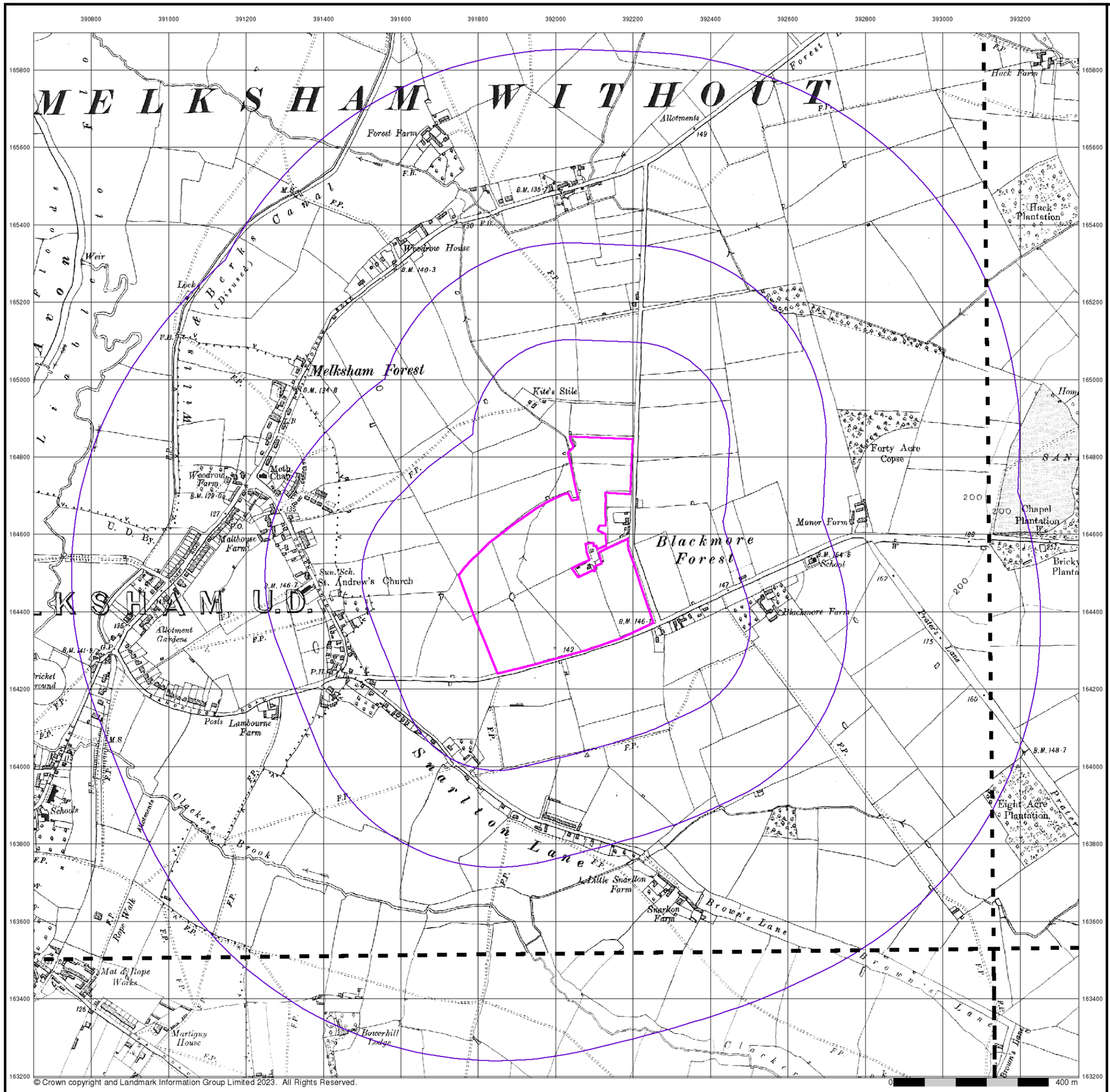
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Wiltshire

Published 1926

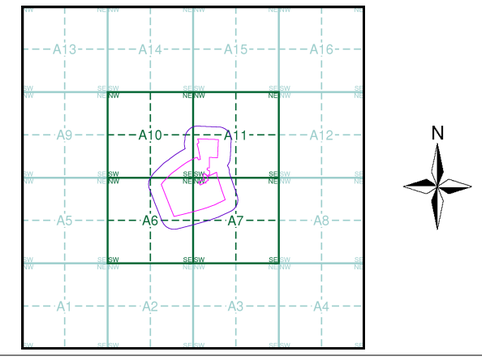
Source map scale - 1:10,560

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Map Name(s) and Date(s)

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033SW 1926 1:10,560	033SE 1926 1:10,560

Historical Map - Slice A



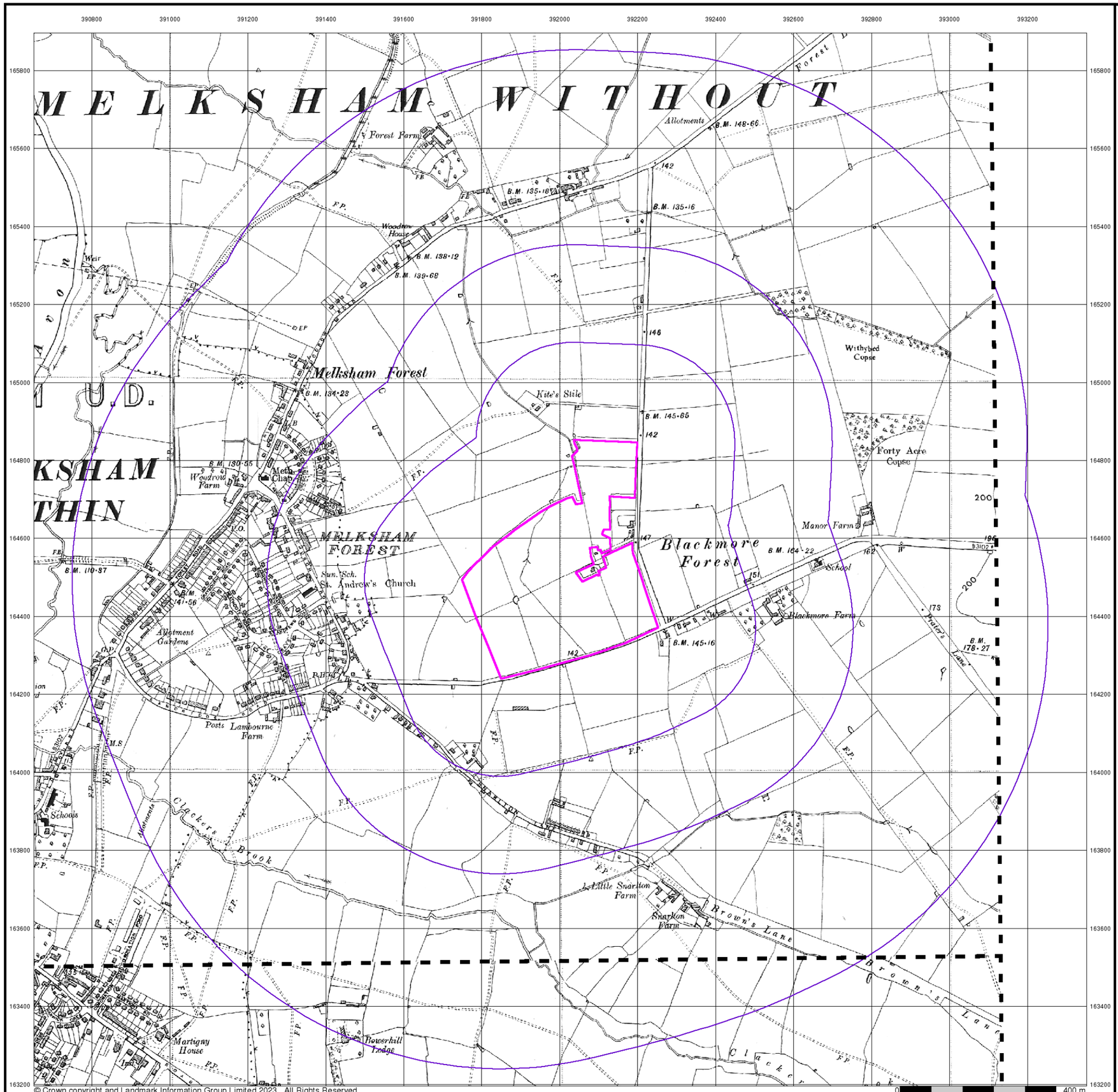
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Wiltshire

Published 1942 - 1951

Source map scale - 1:10,560

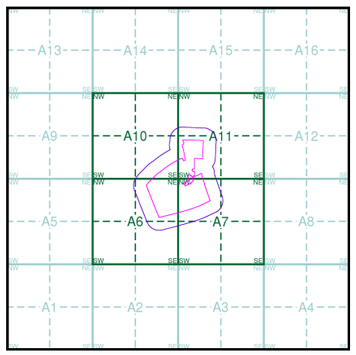
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Map Name(s) and Date(s)

033NW
1942
1:10,560

033SW
1951
1:10,560

Historical Map - Slice A



Order Details

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Historical Aerial Photography

Published 1947

Source map scale - 1:10,560

The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

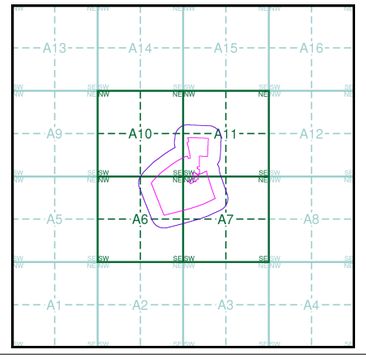
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Map Name(s) and Date(s)

ST96NW
1947
1:10,560

ST96SW
1947
1:10,560

Historical Aerial Photography - Slice A



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Order Details

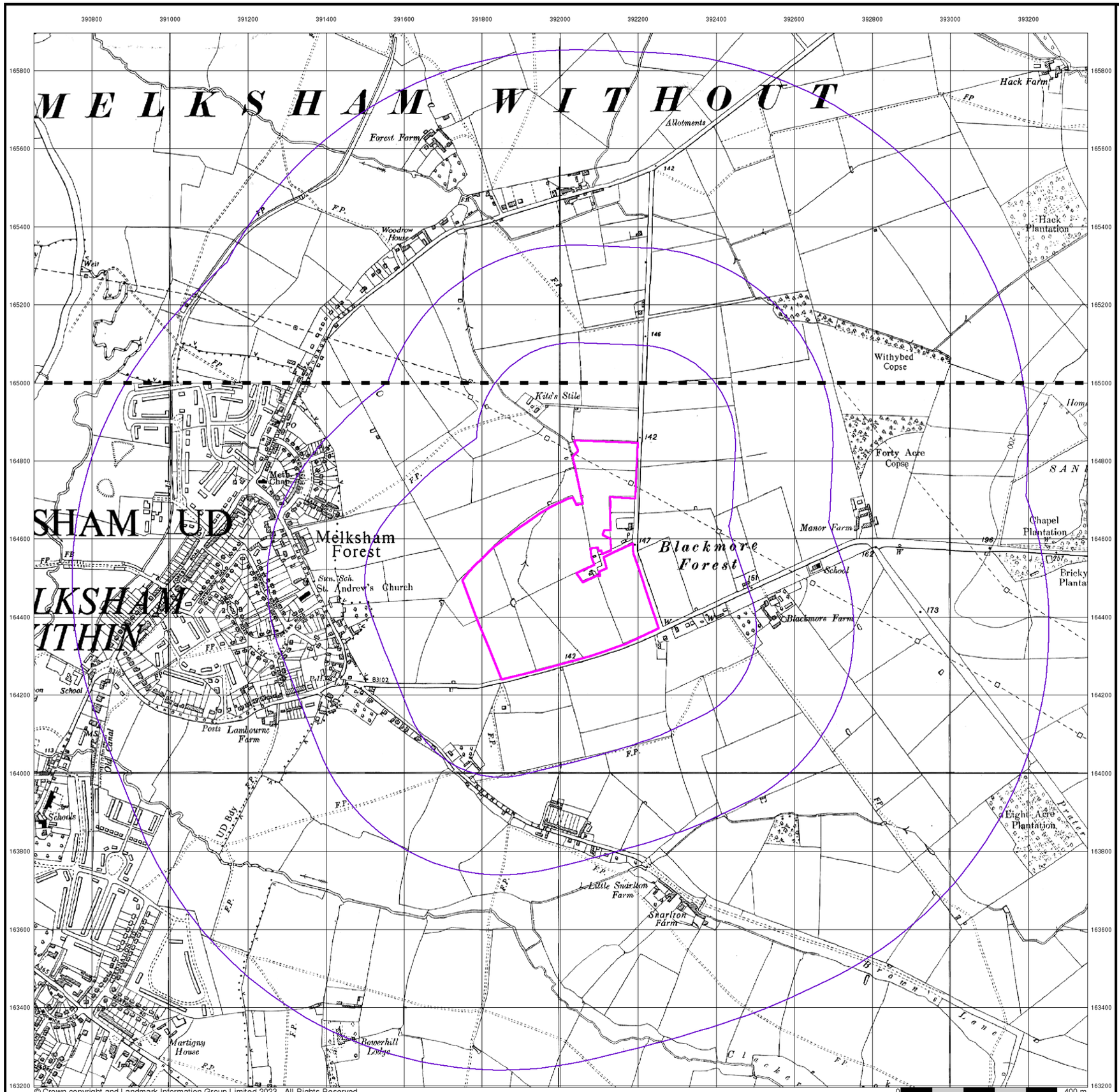
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Ordnance Survey Plan

Published 1961

Source map scale - 1:10,000

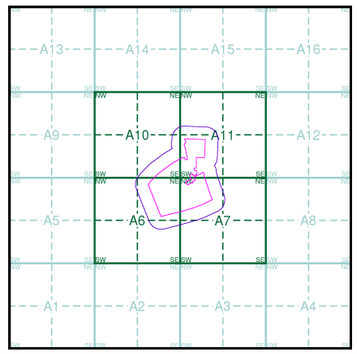
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Map Name(s) and Date(s)

ST96NW
1961
1:10,560

ST96SW
1961
1:10,560

Historical Map - Slice A



Order Details

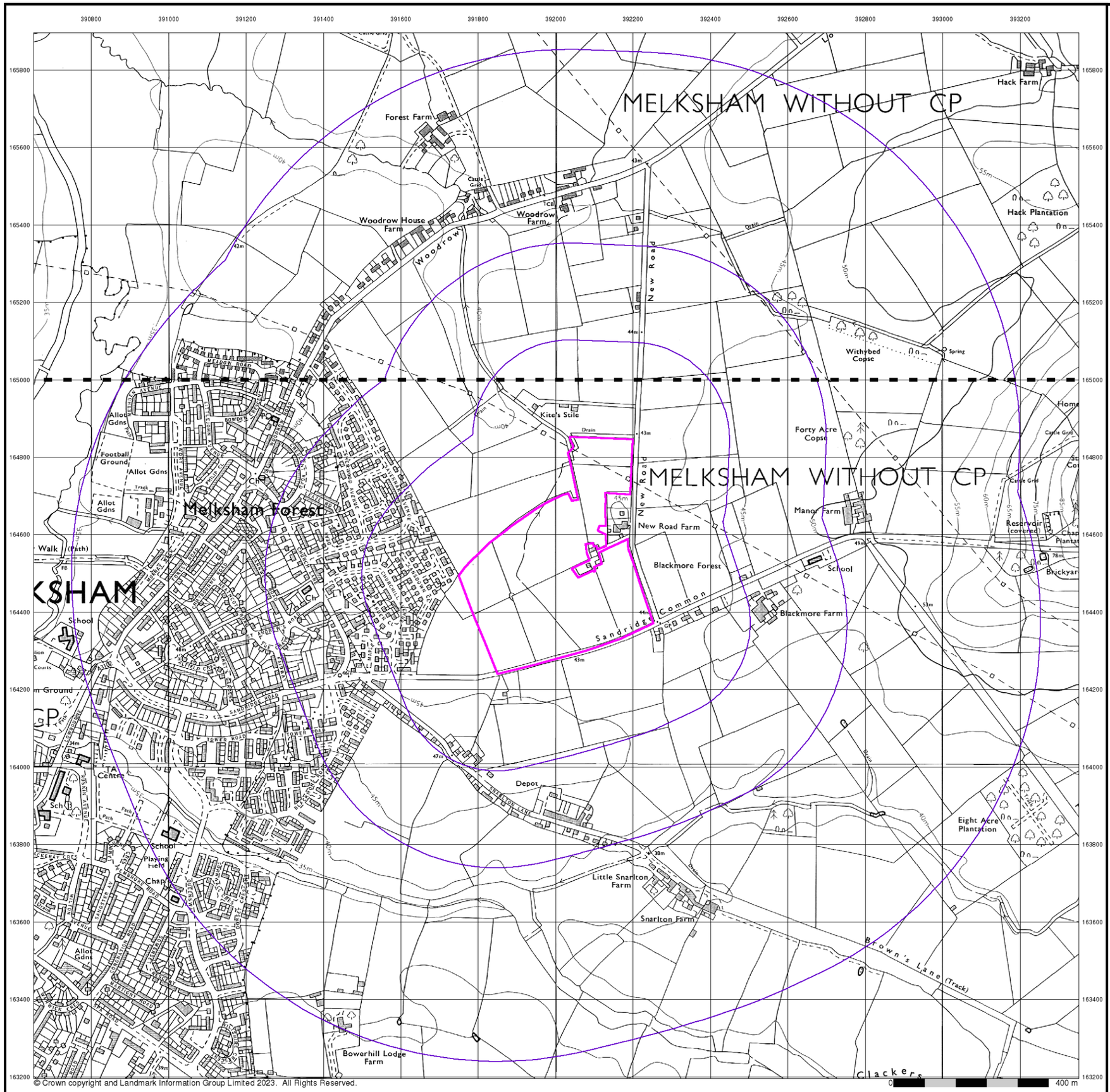
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Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	1000

Site Details

Site at 392040, 164540

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Ordnance Survey Plan

Published 1975

Source map scale - 1:10,000

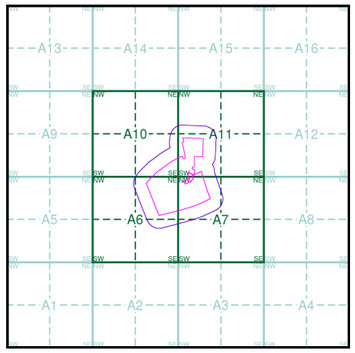
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Map Name(s) and Date(s)

ST96NW 1975 1:10,000

ST96SW 1975 1:10,000

Historical Map - Slice A



Order Details

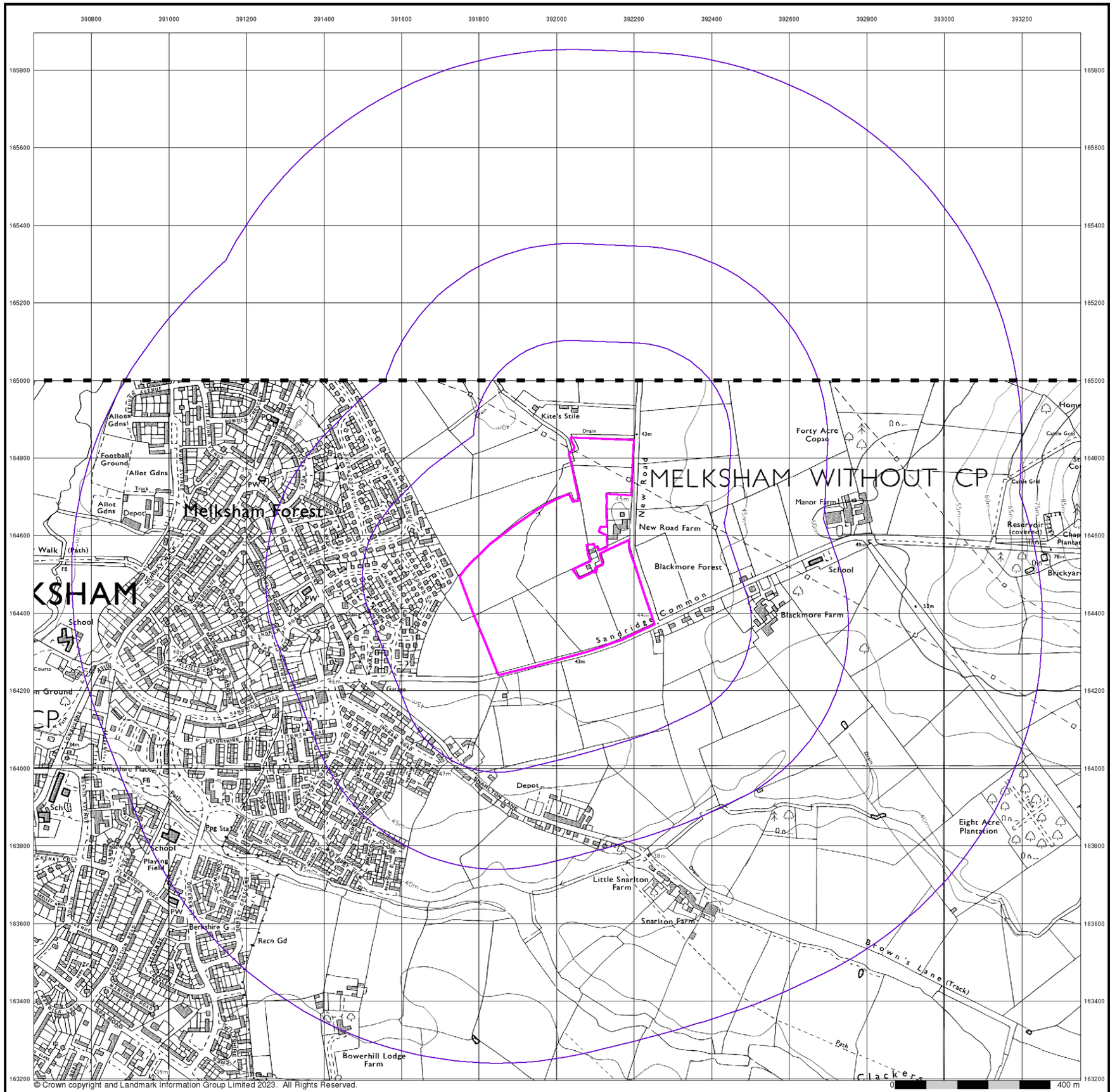
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Search Buffer (m):	1000

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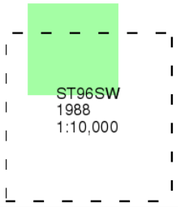
Ordnance Survey Plan

Published 1988

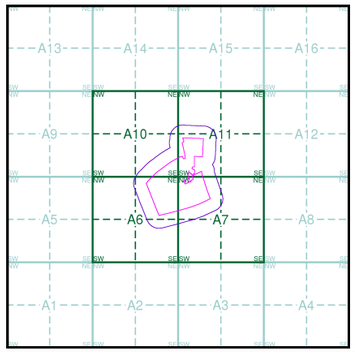
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

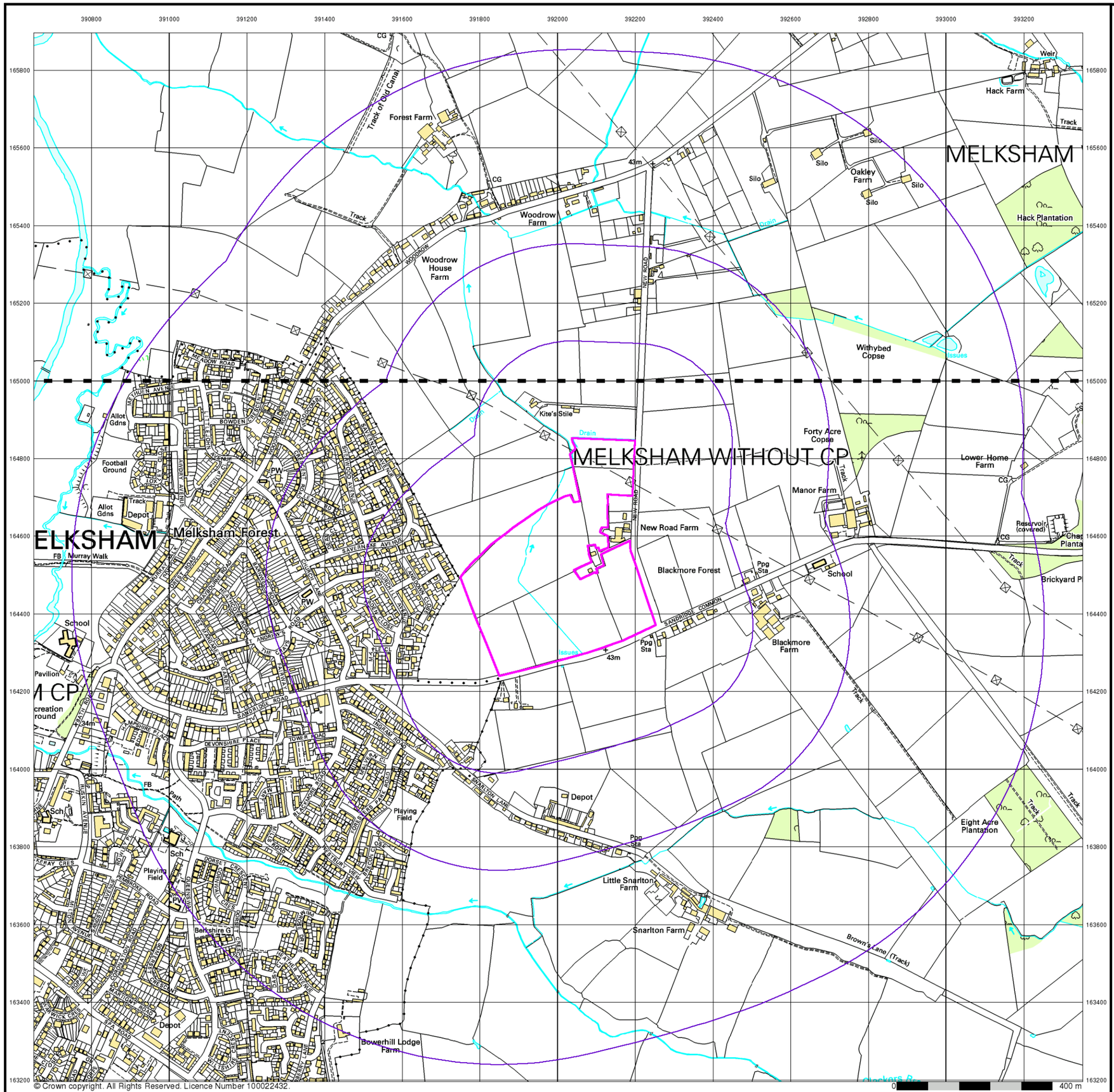
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Site Area (Ha):	16.96
Search Buffer (m):	1000

Site Details

Site at 392040, 164540

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10k Raster Mapping

Published 2000

Source map scale - 1:10,000

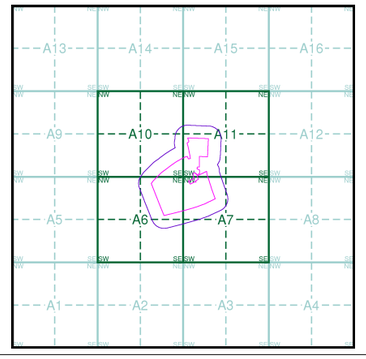
The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

Map Name(s) and Date(s)

ST96NW
2000
1:10,000

ST96SW
2000
1:10,000

Historical Map - Slice A



Order Details

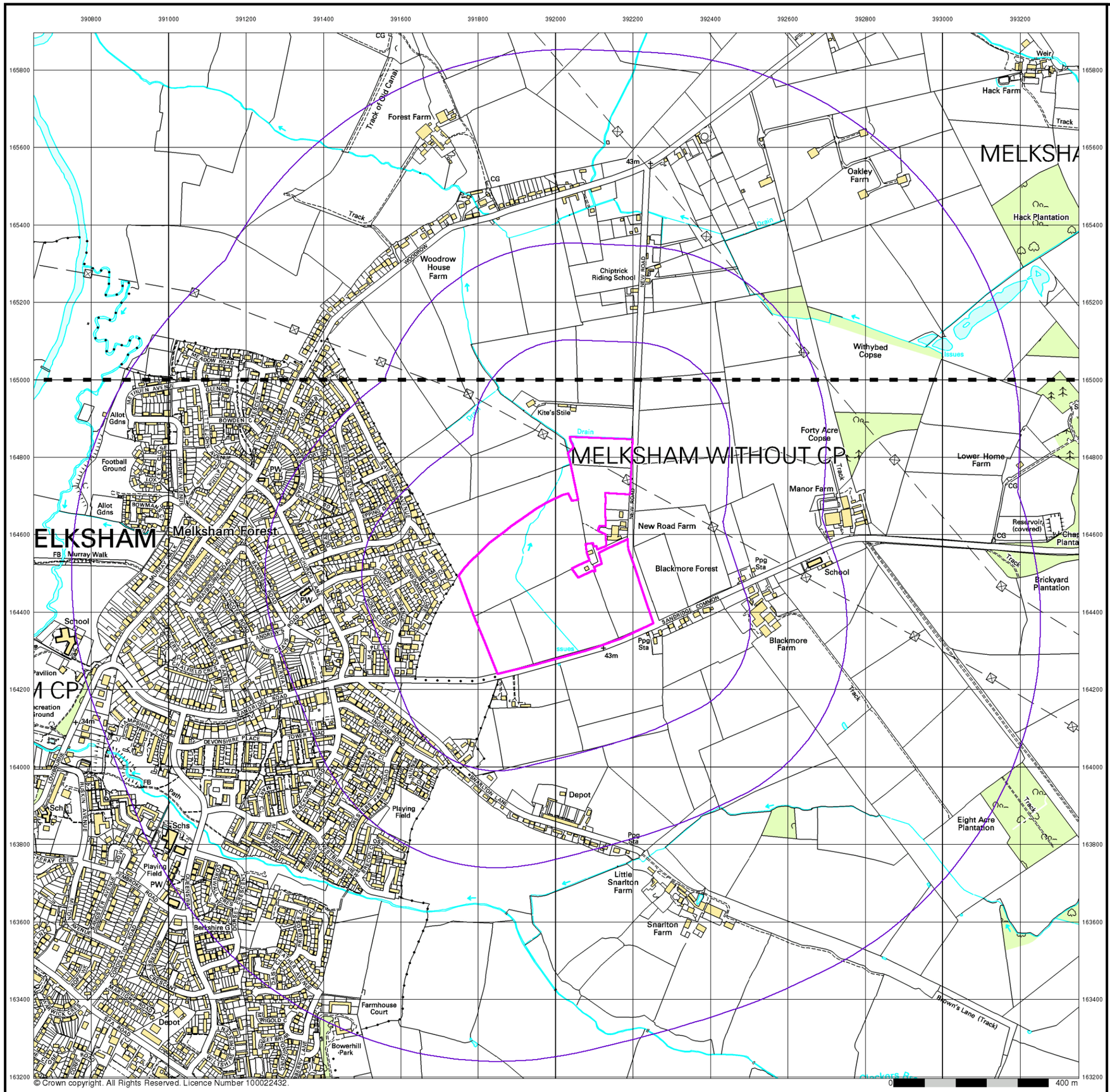
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10k Raster Mapping

Published 2006

Source map scale - 1:10,000

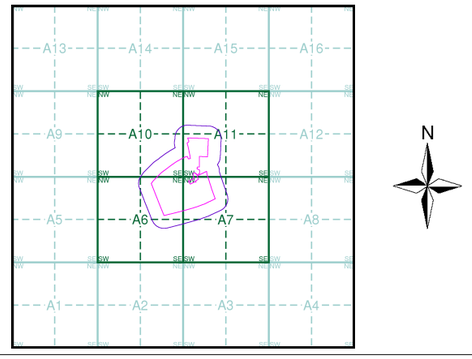
The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks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

Map Name(s) and Date(s)

ST96NW 2006 1:10,000

ST96SW 2006 1:10,000

Historical Map - Slice A



Order Details

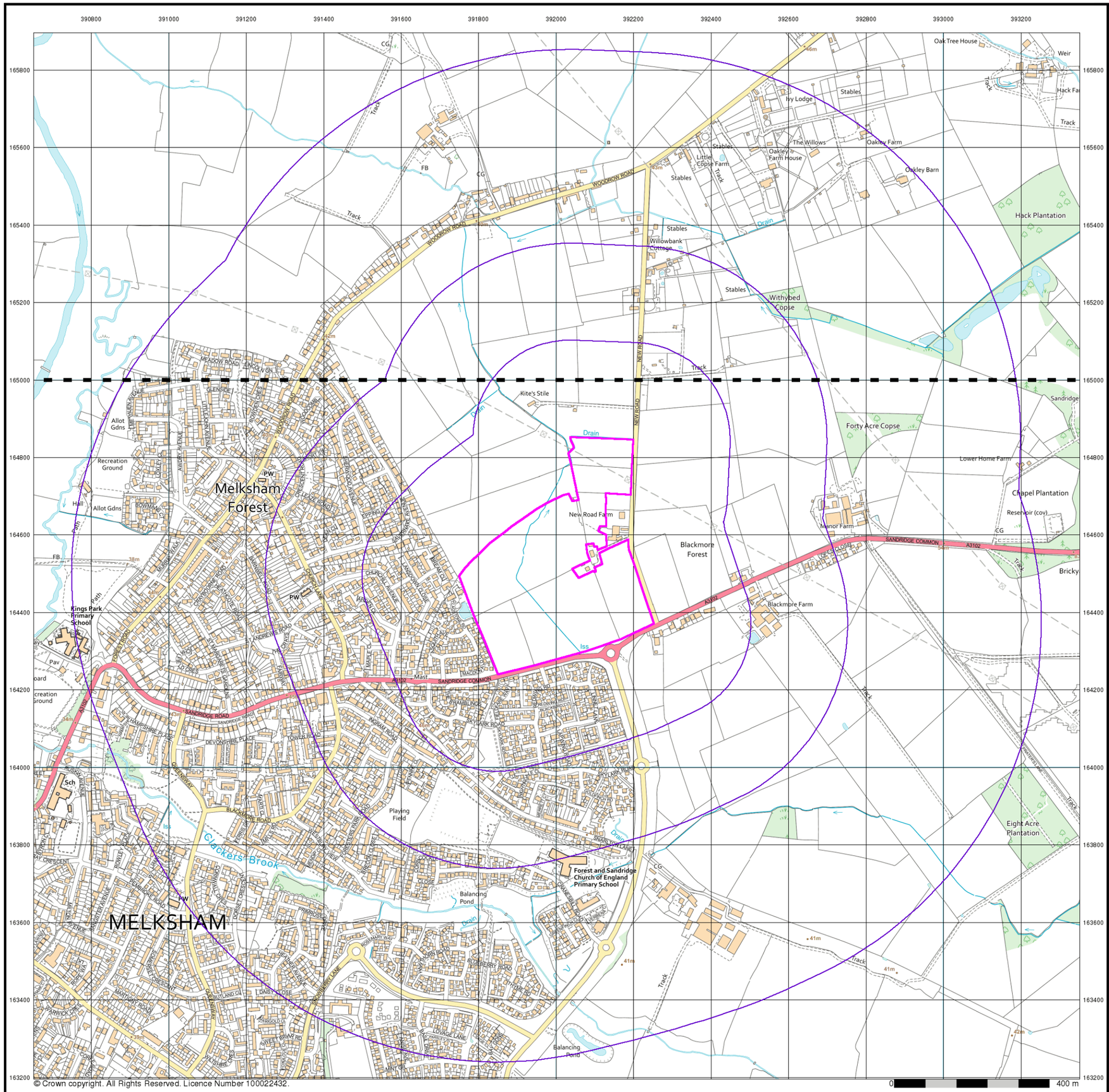
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0 400 m

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VectorMap Local

Published 2023

Source map scale - 1:10,000

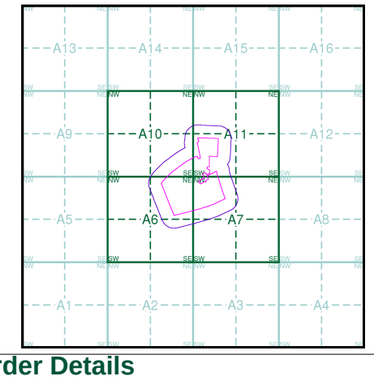
VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap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

Map Name(s) and Date(s)

ST96NW
2023
Variable

ST96SW
2023
Variable

Historical Map - Slice A



Order Details

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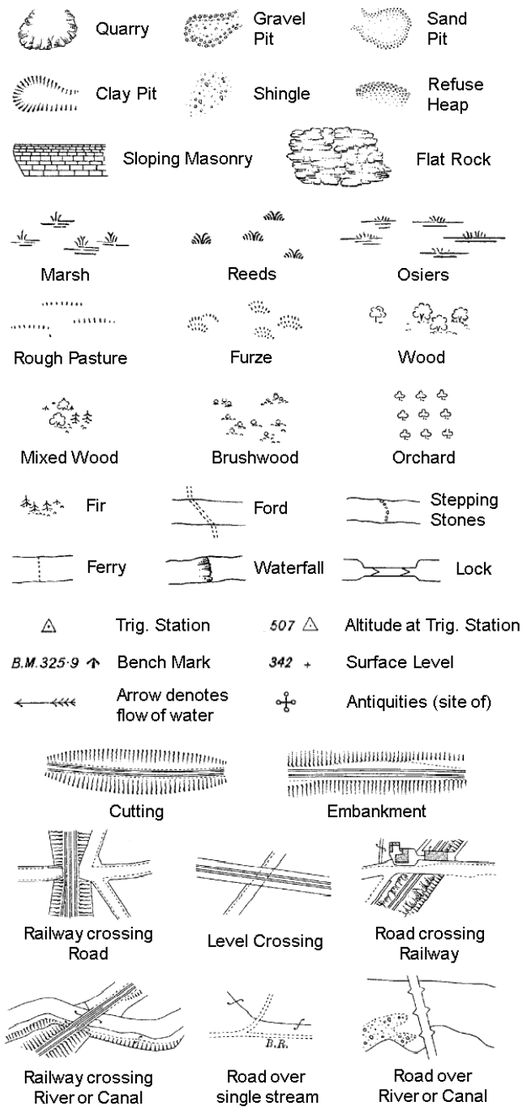
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Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

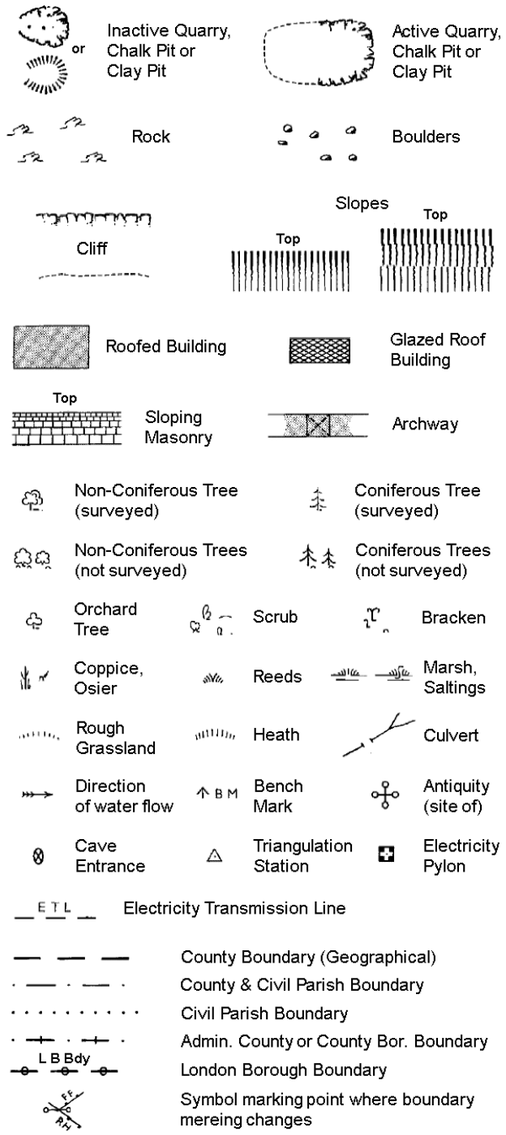
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

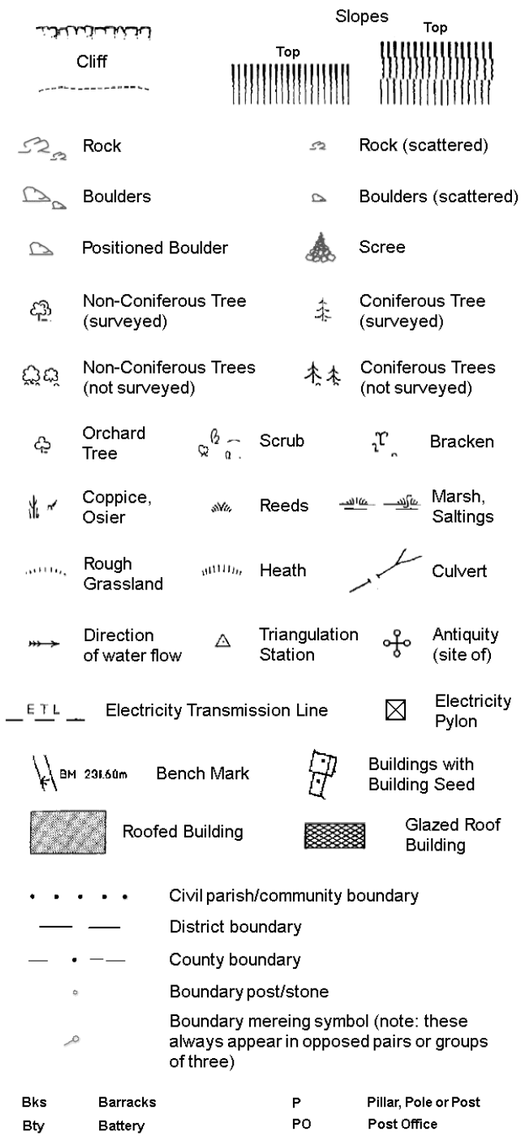
Admin. County or County Bor. Boundary

L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

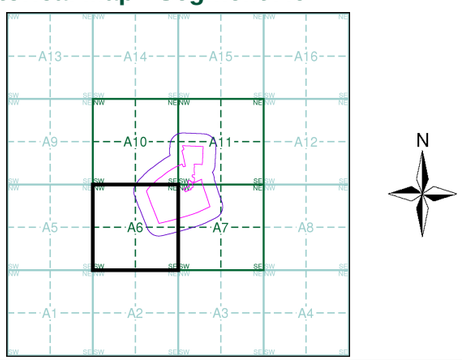
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Wiltshire	1:2,500	1886	2
Wiltshire	1:2,500	1900	3
Wiltshire	1:2,500	1924	4
Wiltshire	1:2,500	1936	5
Ordnance Survey Plan	1:2,500	1970 - 1972	6
Supply of Unpublished Survey Information	1:2,500	1973	7
Ordnance Survey Plan	1:2,500	1975 - 1980	8
Additional SIMs	1:2,500	1977 - 1991	9
Ordnance Survey Plan	1:2,500	1985 - 1989	10
Large-Scale National Grid Data	1:2,500	1995	11
Large-Scale National Grid Data	1:2,500	1995	12
Large-Scale National Grid Data	1:2,500	1996	13
Historical Aerial Photography	1:2,500	2001	14

Historical Map - Segment A6



Order Details

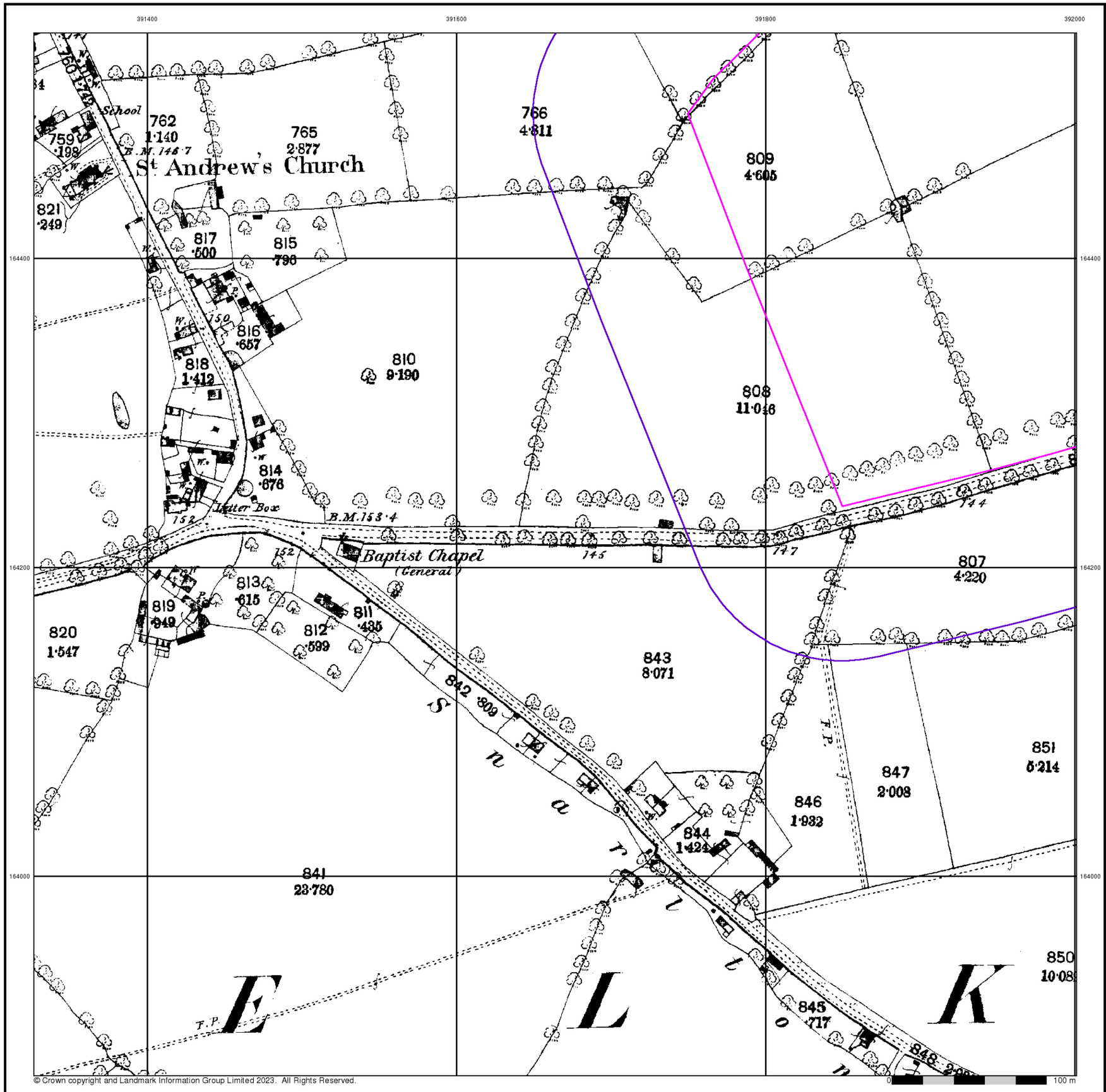
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Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	100

Site Details

Site at 392040, 164540

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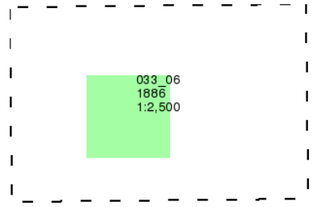
Wiltshire

Published 1886

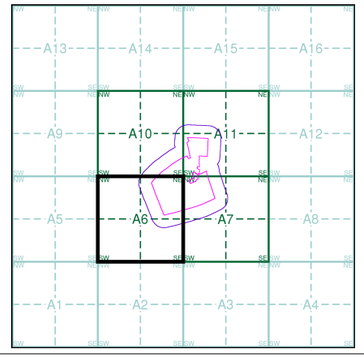
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A6



Order Details

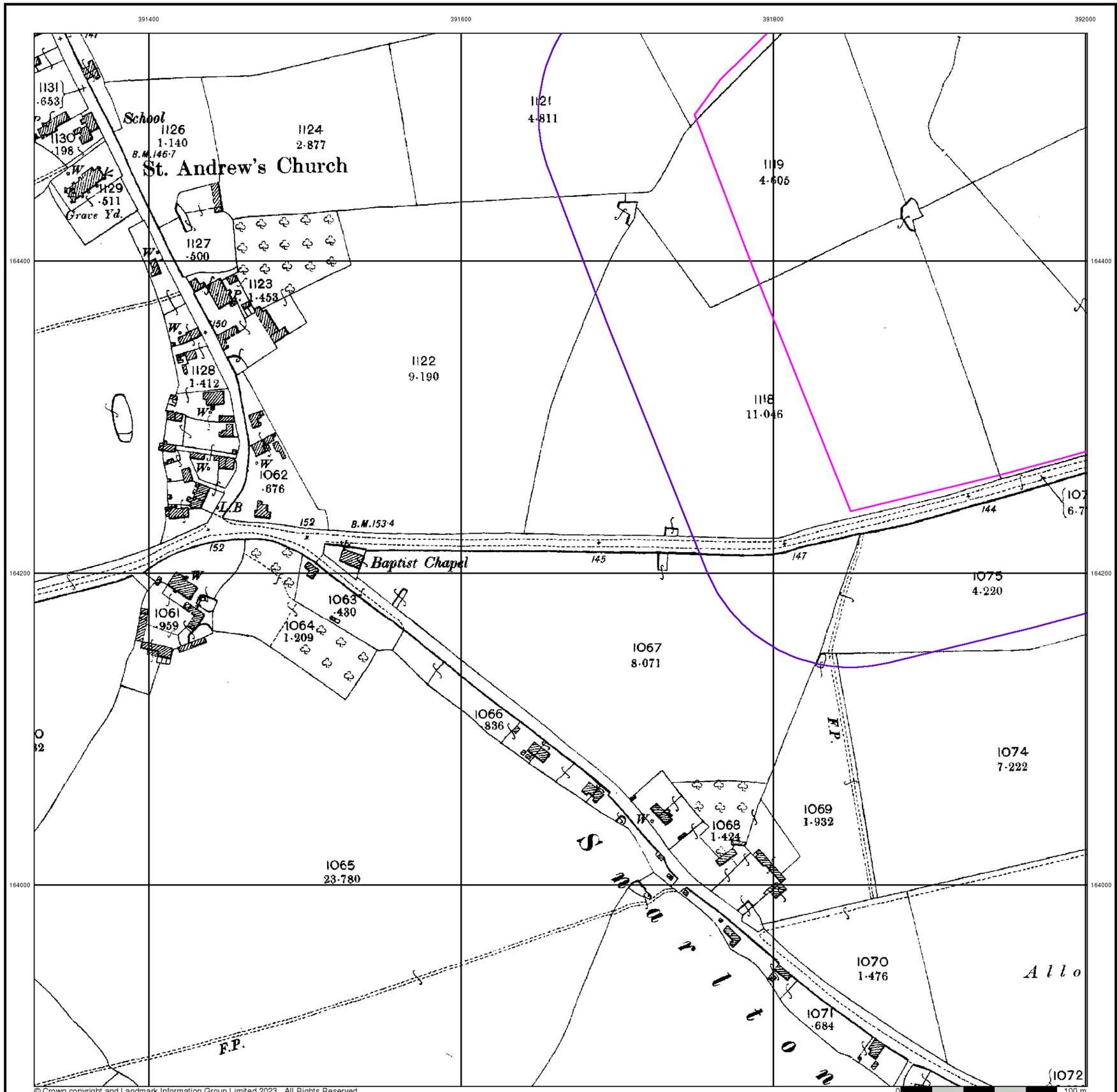
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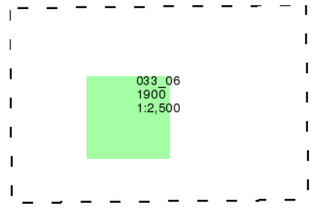
Wiltshire

Published 1900

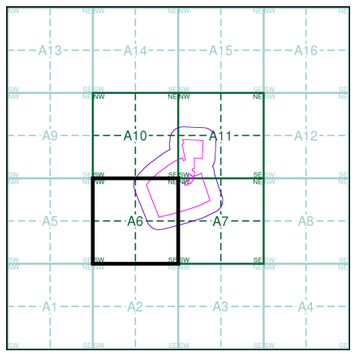
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Map Name(s) and Date(s)



Historical Map - Segment A6



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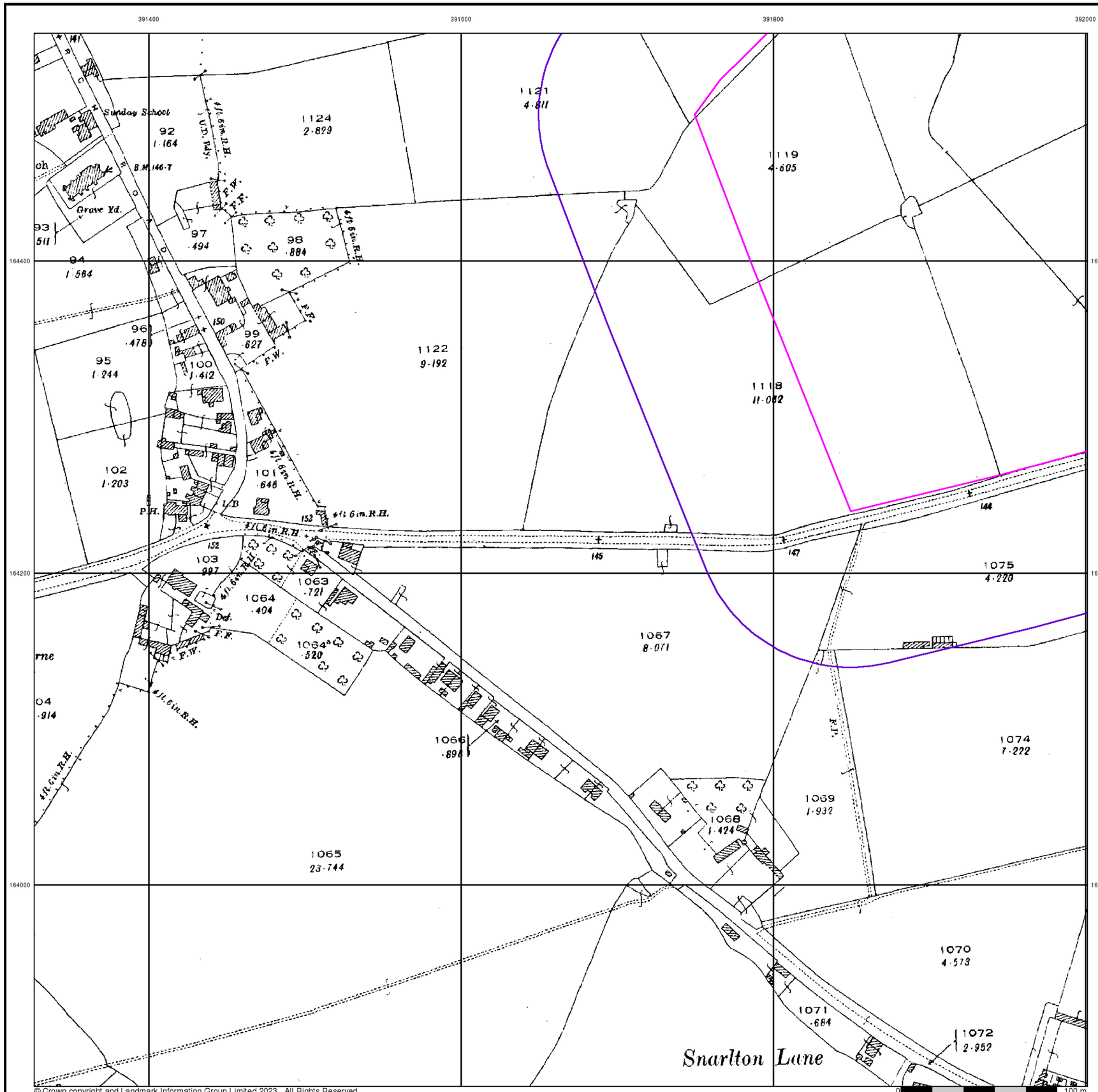
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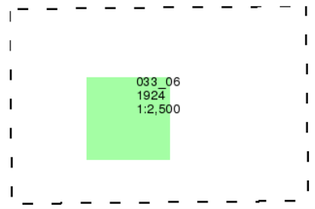
Wiltshire

Published 1924

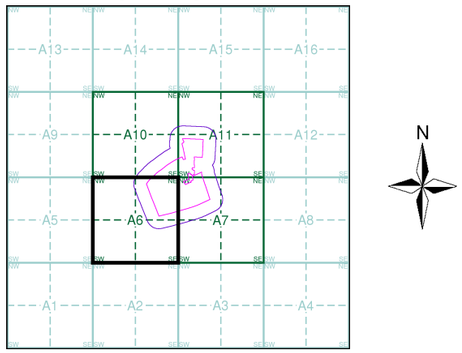
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Map Name(s) and Date(s)



Historical Map - Segment A6



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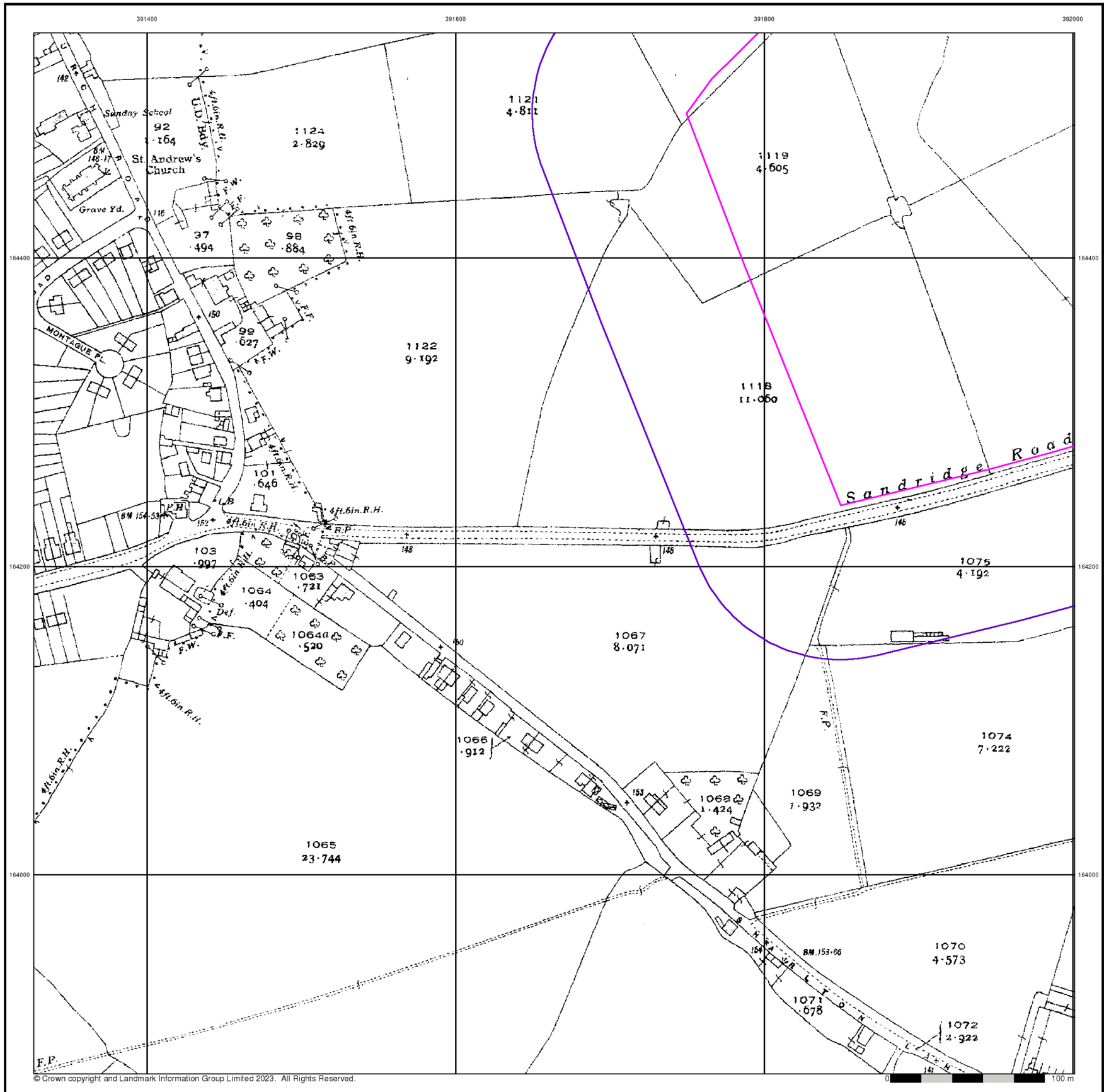
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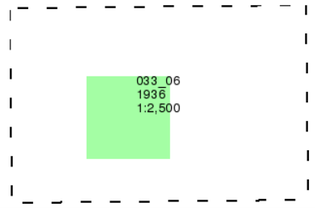
Wiltshire

Published 1936

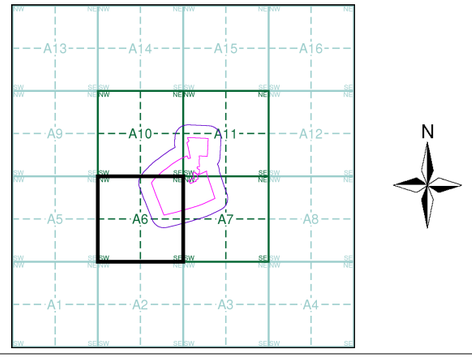
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Historical Map - Segment A6



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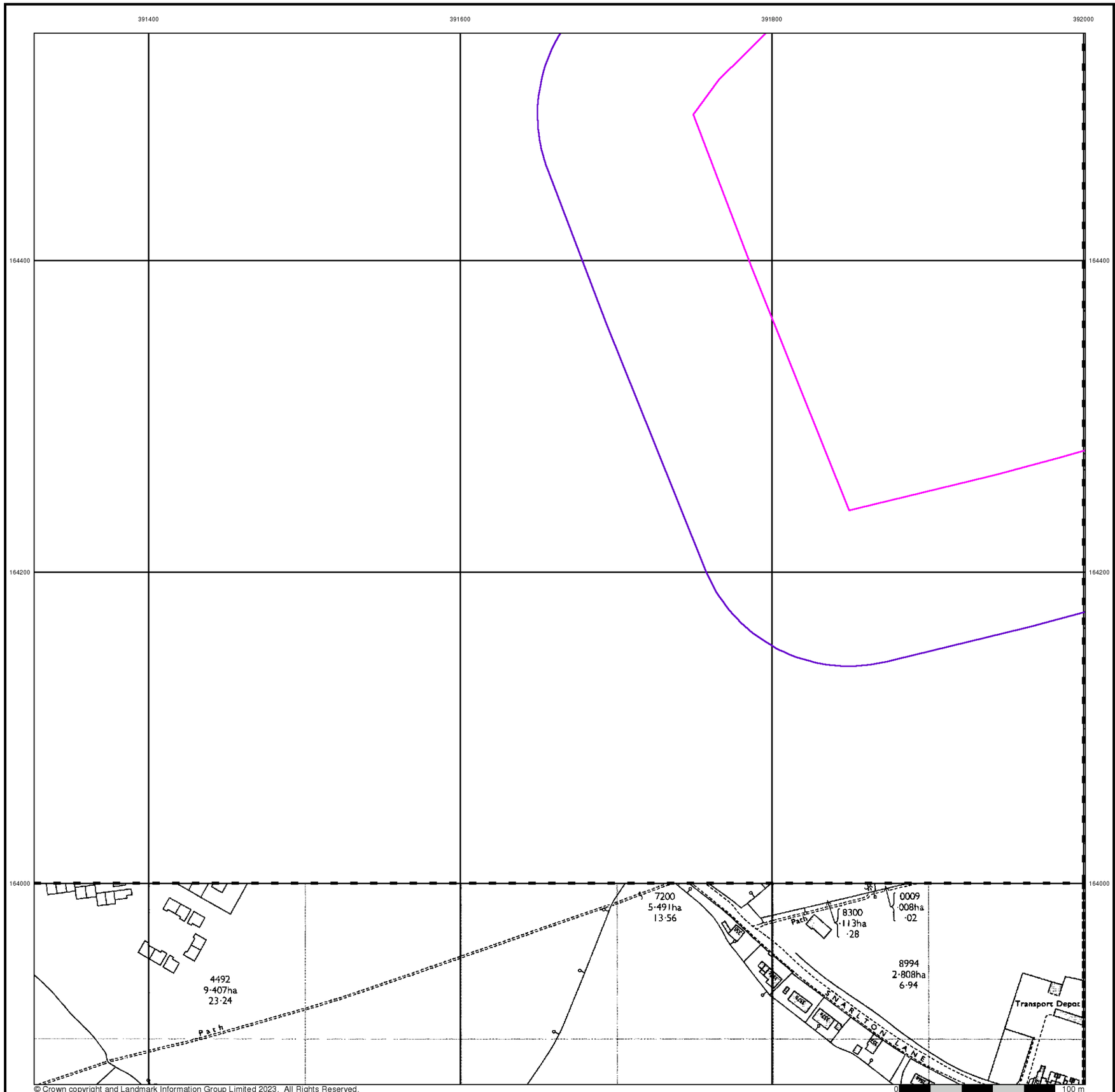
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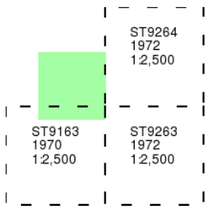
Ordnance Survey Plan

Published 1970 - 1972

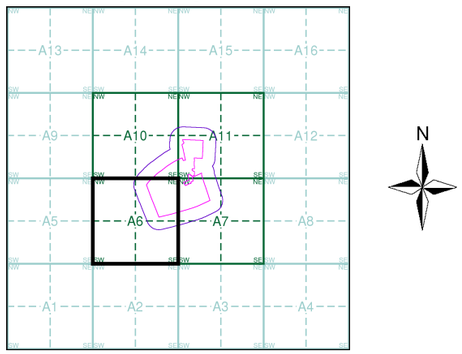
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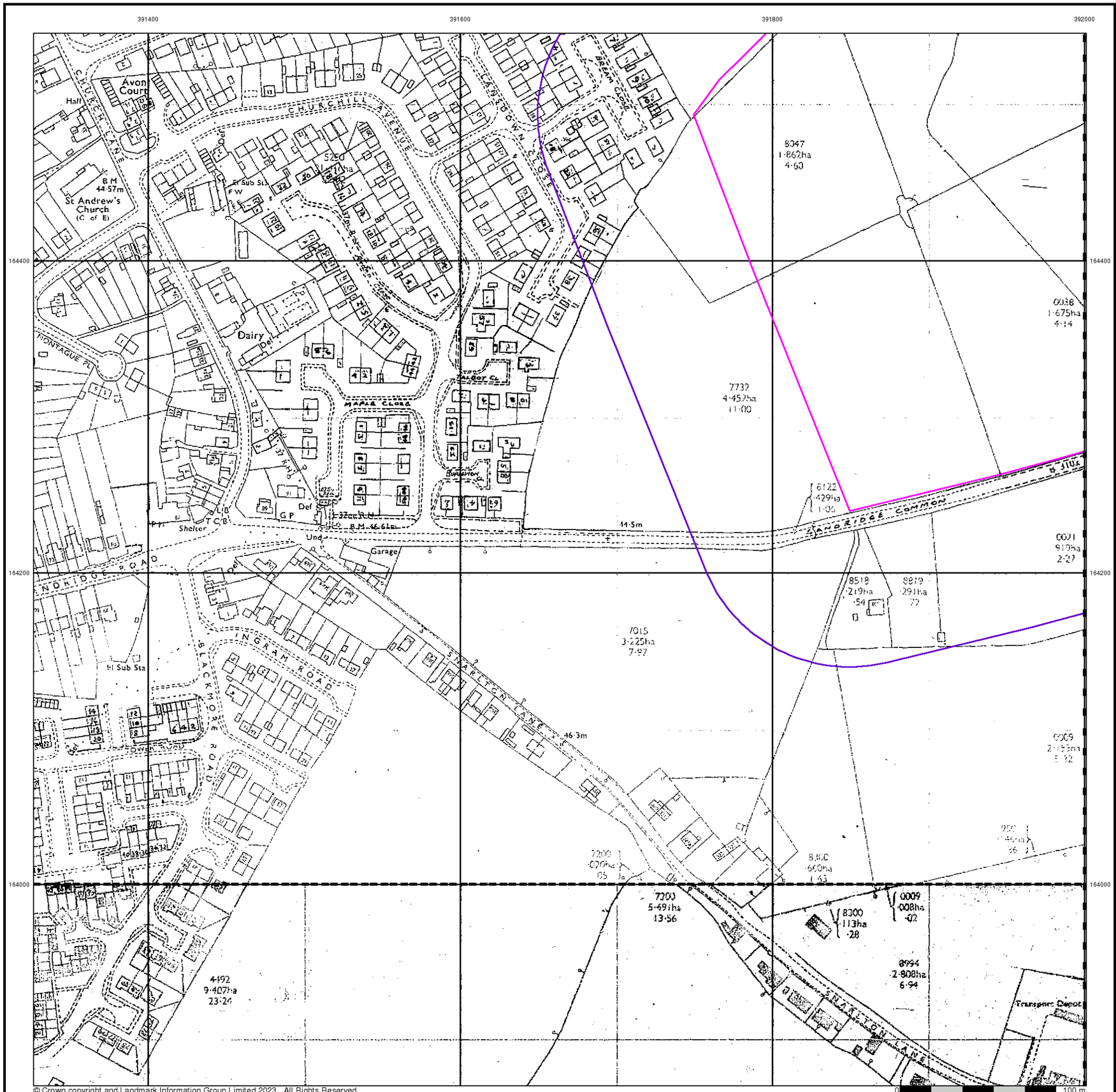
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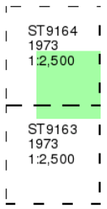
Supply of Unpublished Survey Information

Published 1973

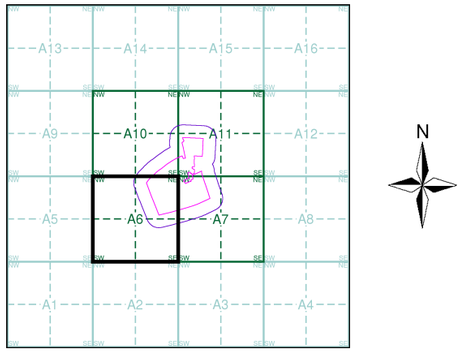
Source map scale - 1:2,500

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a `work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A6



Order Details

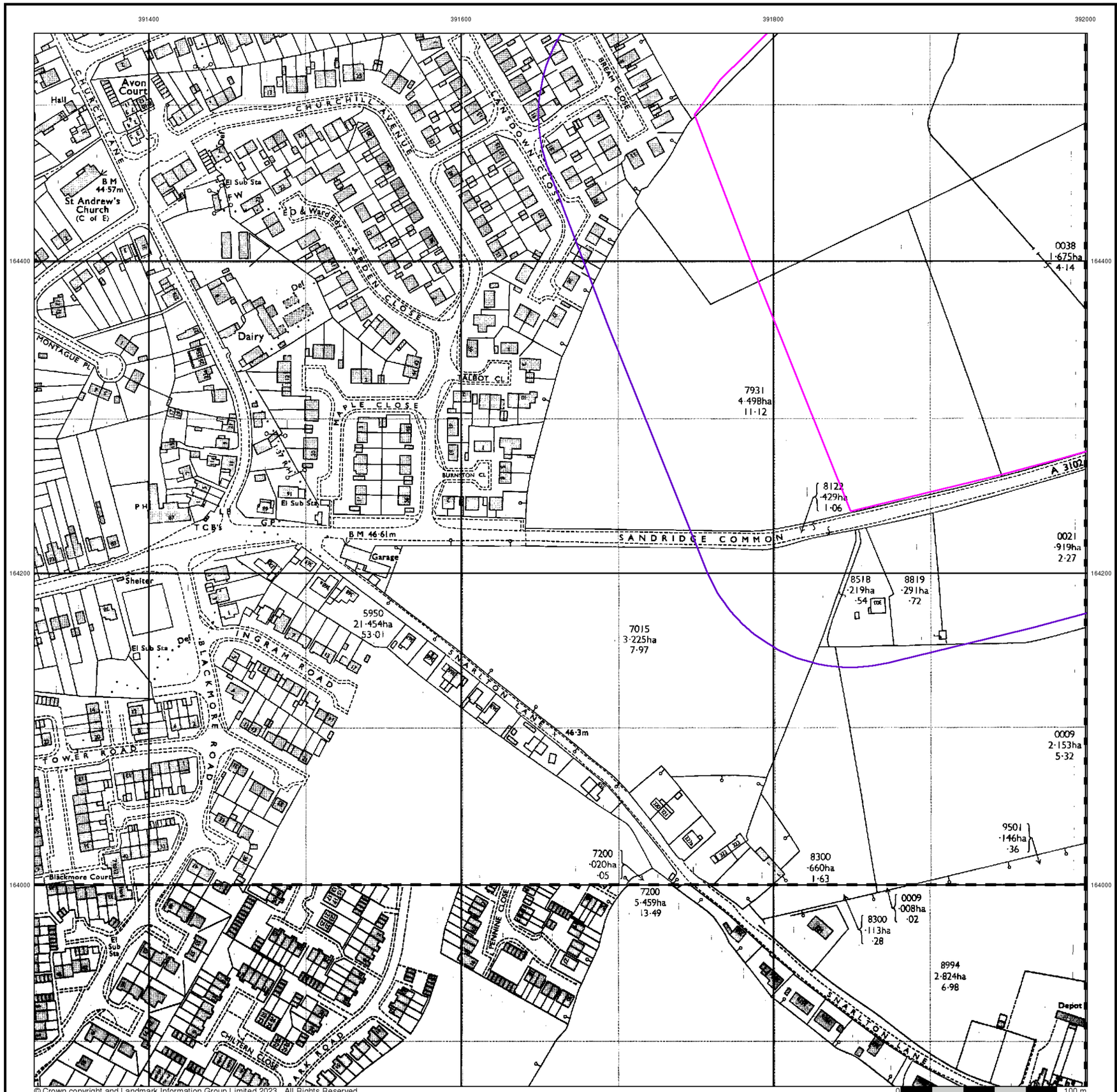
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Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	100

Site Details

Site at 392040, 164540

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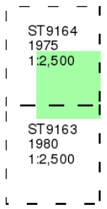
Ordnance Survey Plan

Published 1975 - 1980

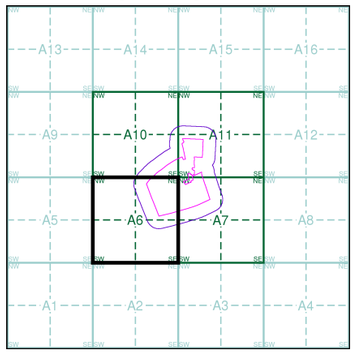
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A6



Order Details

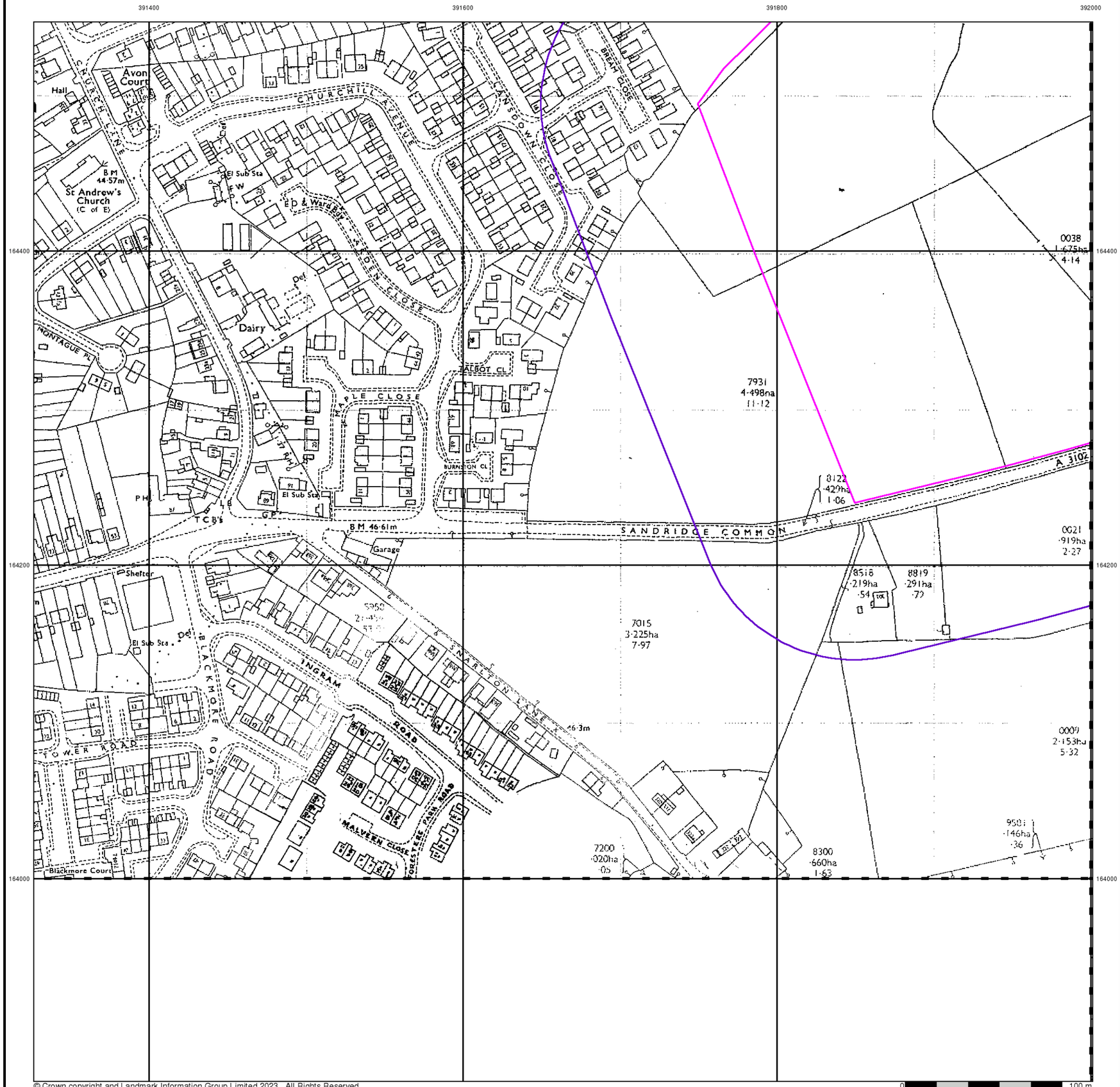
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Customer Ref:	48309
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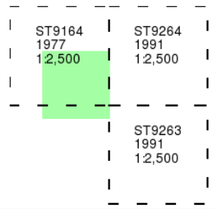
Additional SIMs

Published 1977 - 1991

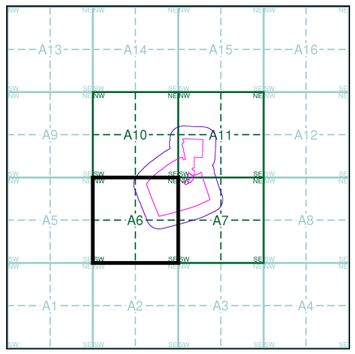
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A6



Order Details

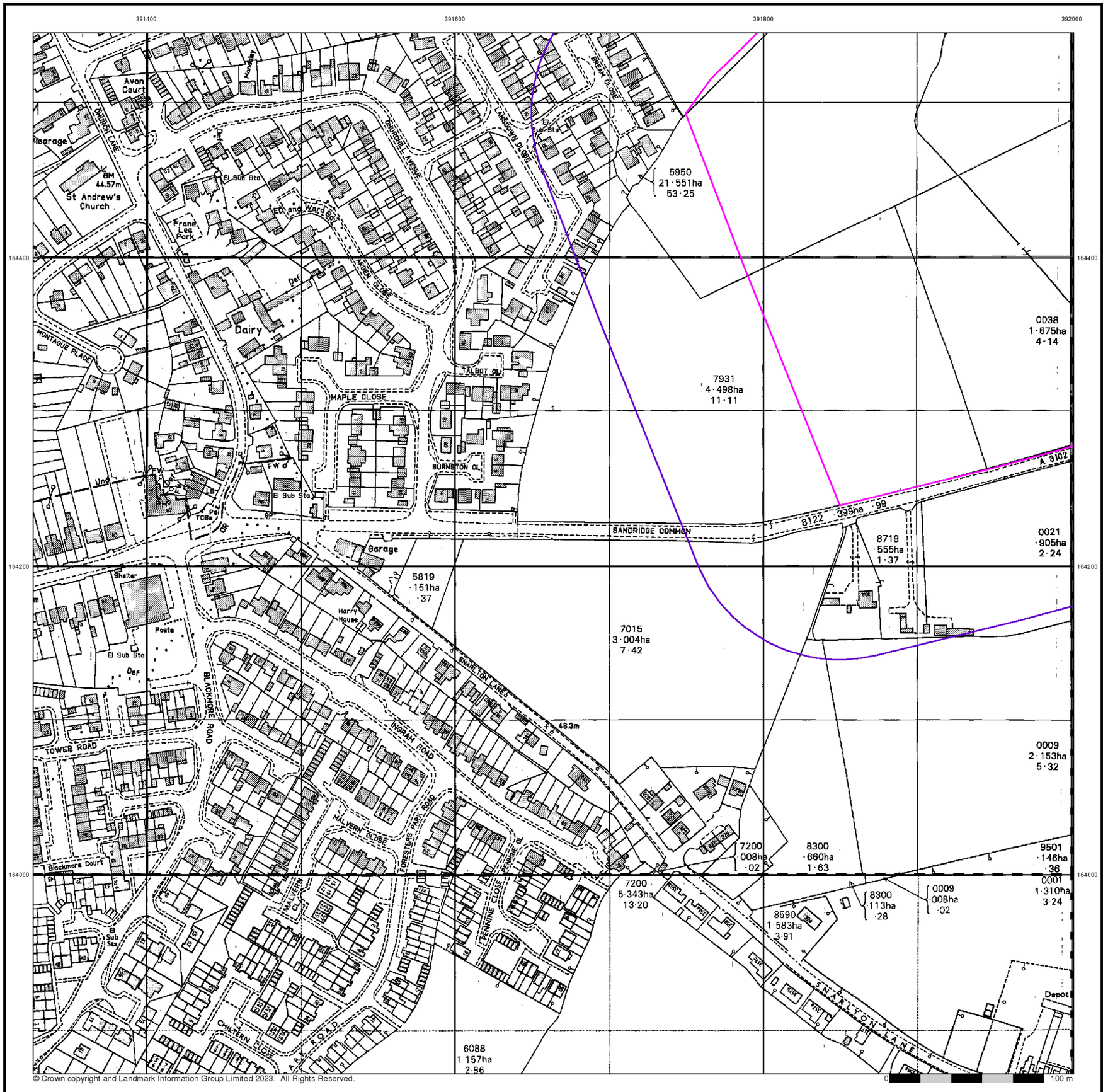
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Ordnance Survey Plan

Published 1985 - 1989

Source map scale - 1:2,500

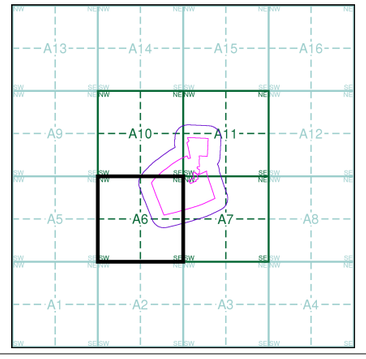
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

Map Name(s) and Date(s)

ST9164
1989
1:2,500

ST9163
1985
1:2,500

Historical Map - Segment A6



Order Details

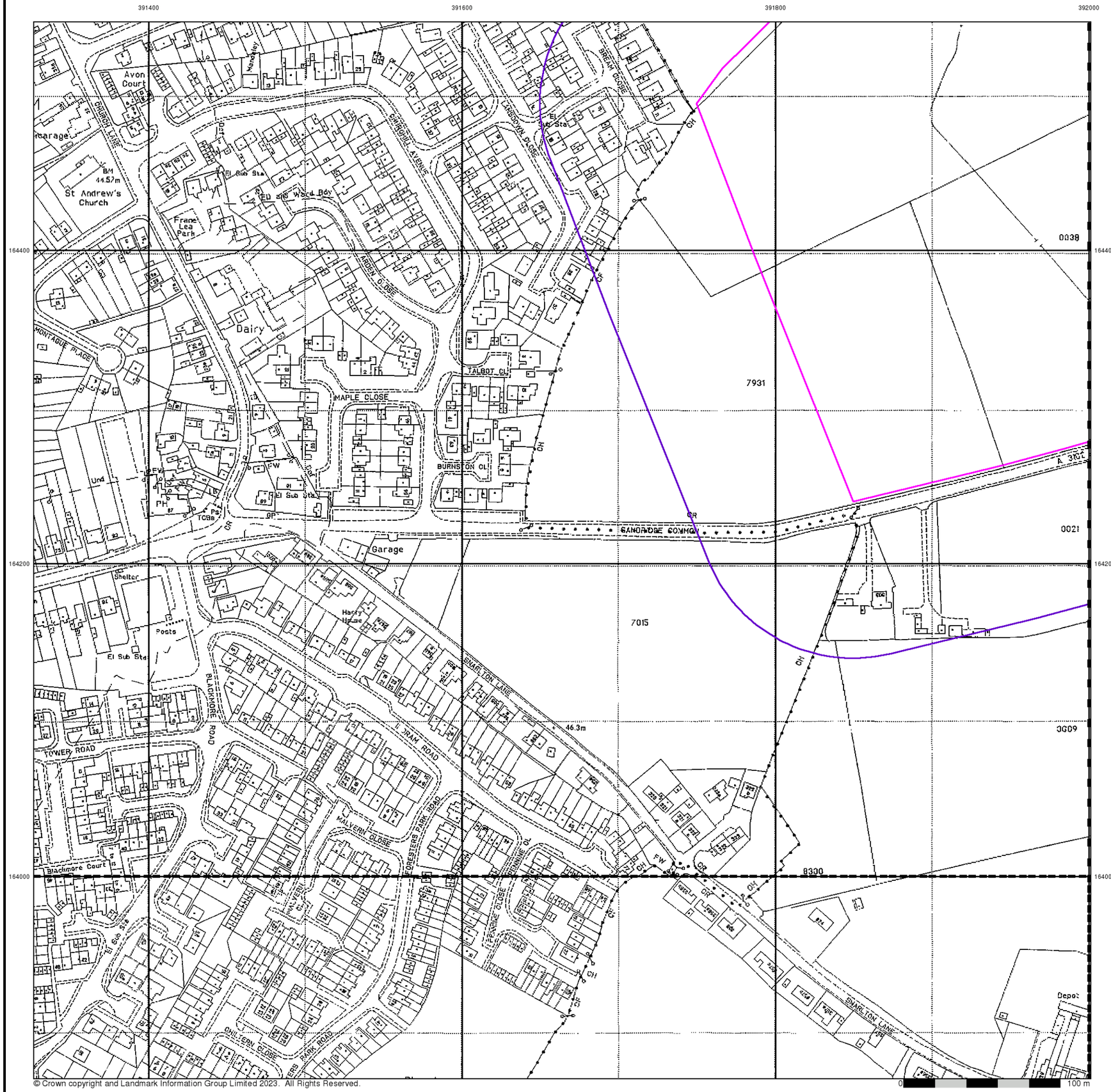
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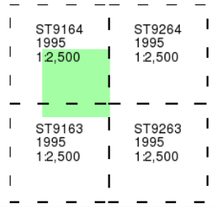
Large-Scale National Grid Data

Published 1995

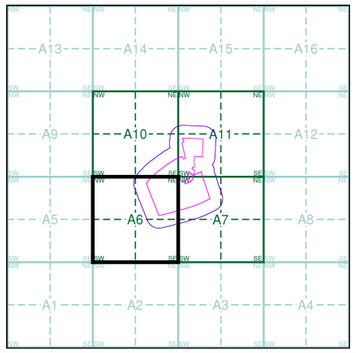
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A6



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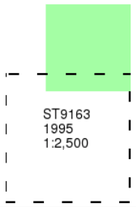
Large-Scale National Grid Data

Published 1995

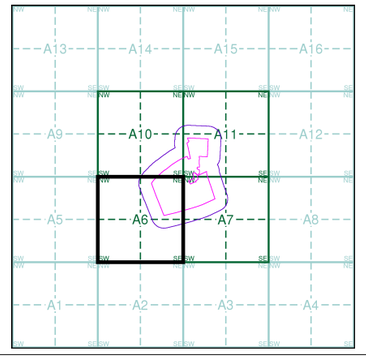
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A6



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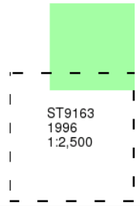
Large-Scale National Grid Data

Published 1996

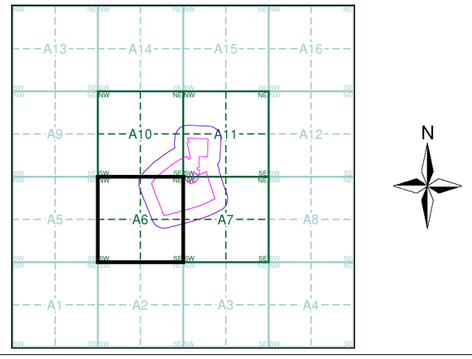
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



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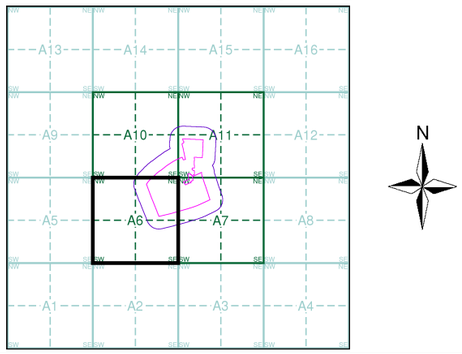


Historical Aerial Photography

Published 2001

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A6



Order Details

Order Number:	313423348_1_1
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National Grid Reference:	392030, 164540
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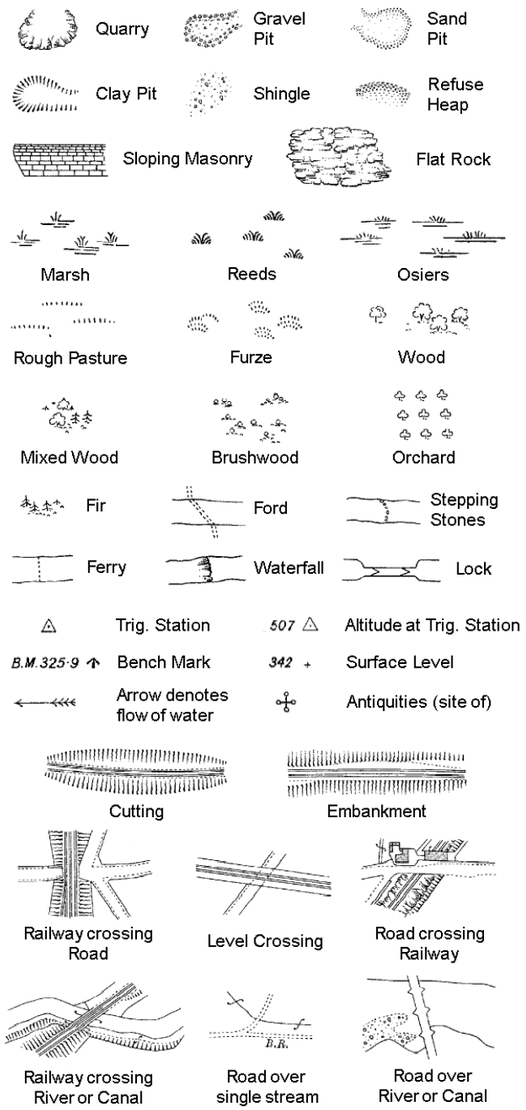
Site Details

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Historical Mapping Legends

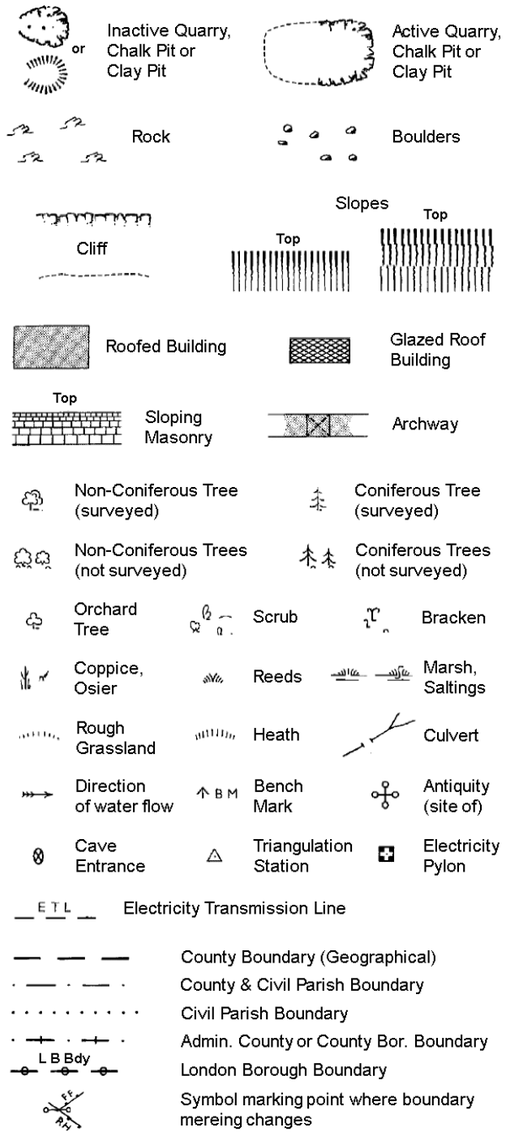
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy.
County Borough Boundary (England)
Co. Burgh Bdy.
County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

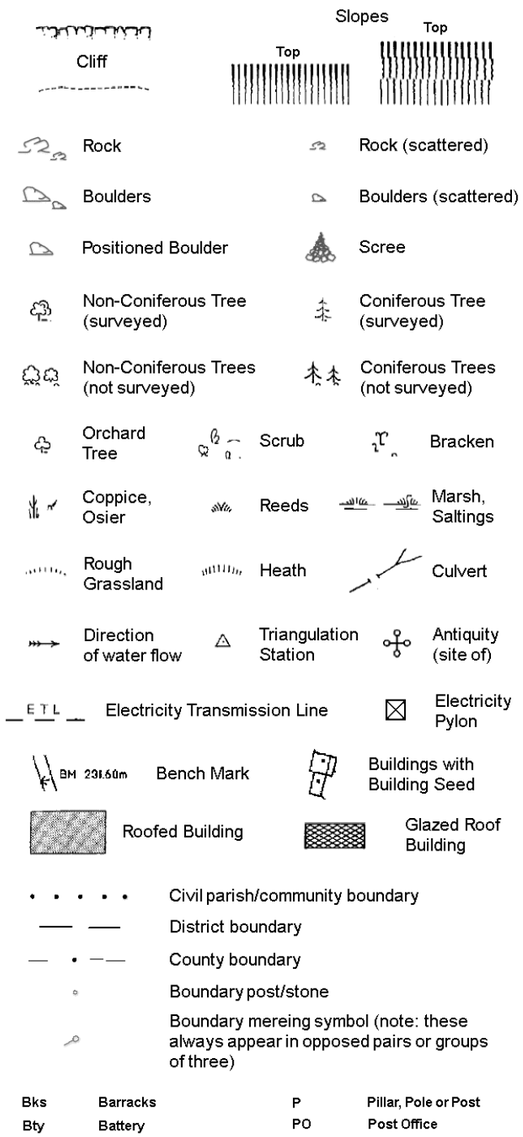
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy
London Borough Boundary
Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

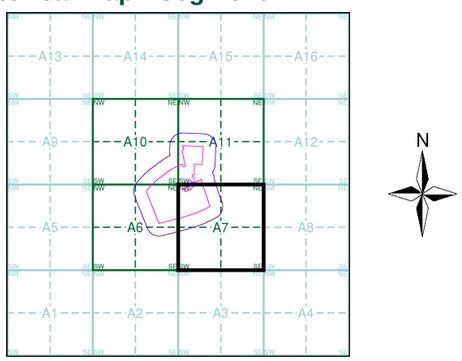
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Wiltshire	1:2,500	1886	2
Wiltshire	1:2,500	1900	3
Wiltshire	1:2,500	1924	4
Wiltshire	1:2,500	1936	5
Ordnance Survey Plan	1:2,500	1972	6
Additional SIMs	1:2,500	1991	7
Large-Scale National Grid Data	1:2,500	1995	8
Historical Aerial Photography	1:2,500	2001	9

Historical Map - Segment A7



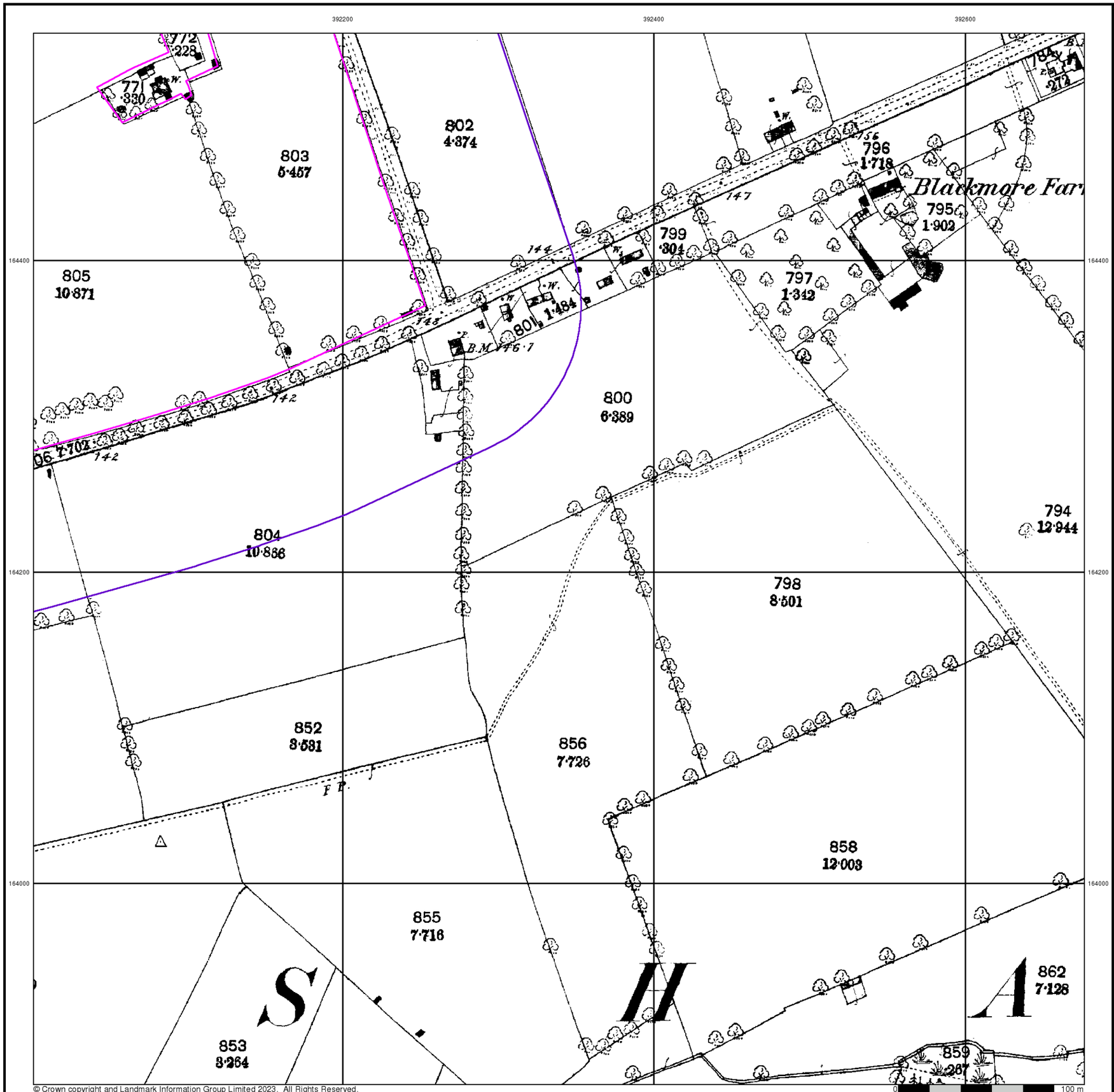
Order Details

Order Number:	313423348_1_1
Customer Ref:	48309
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Search Buffer (m):	100

Site Details

Site at 392040, 164540

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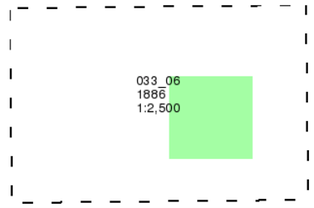
Wiltshire

Published 1886

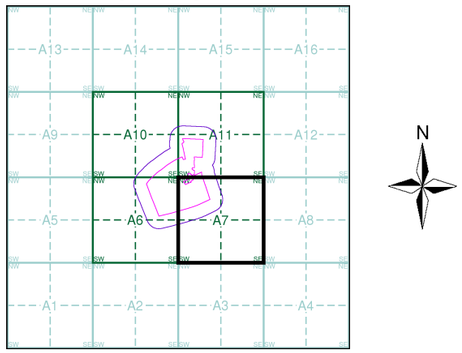
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A7



Order Details

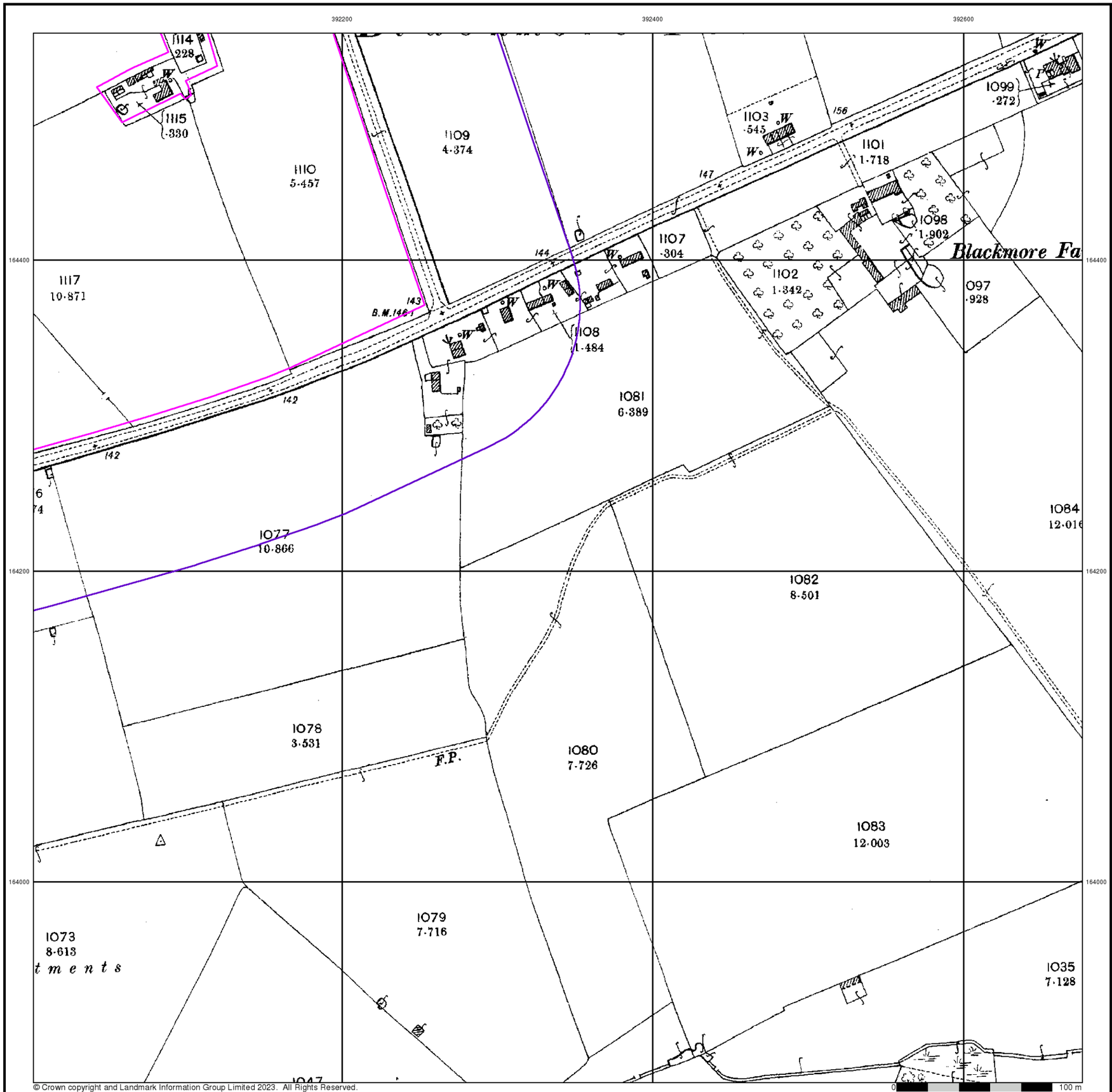
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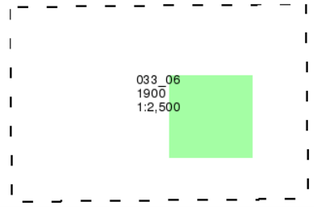
Wiltshire

Published 1900

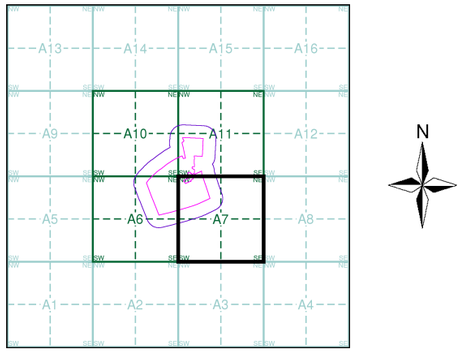
Source map scale - 1:2,500

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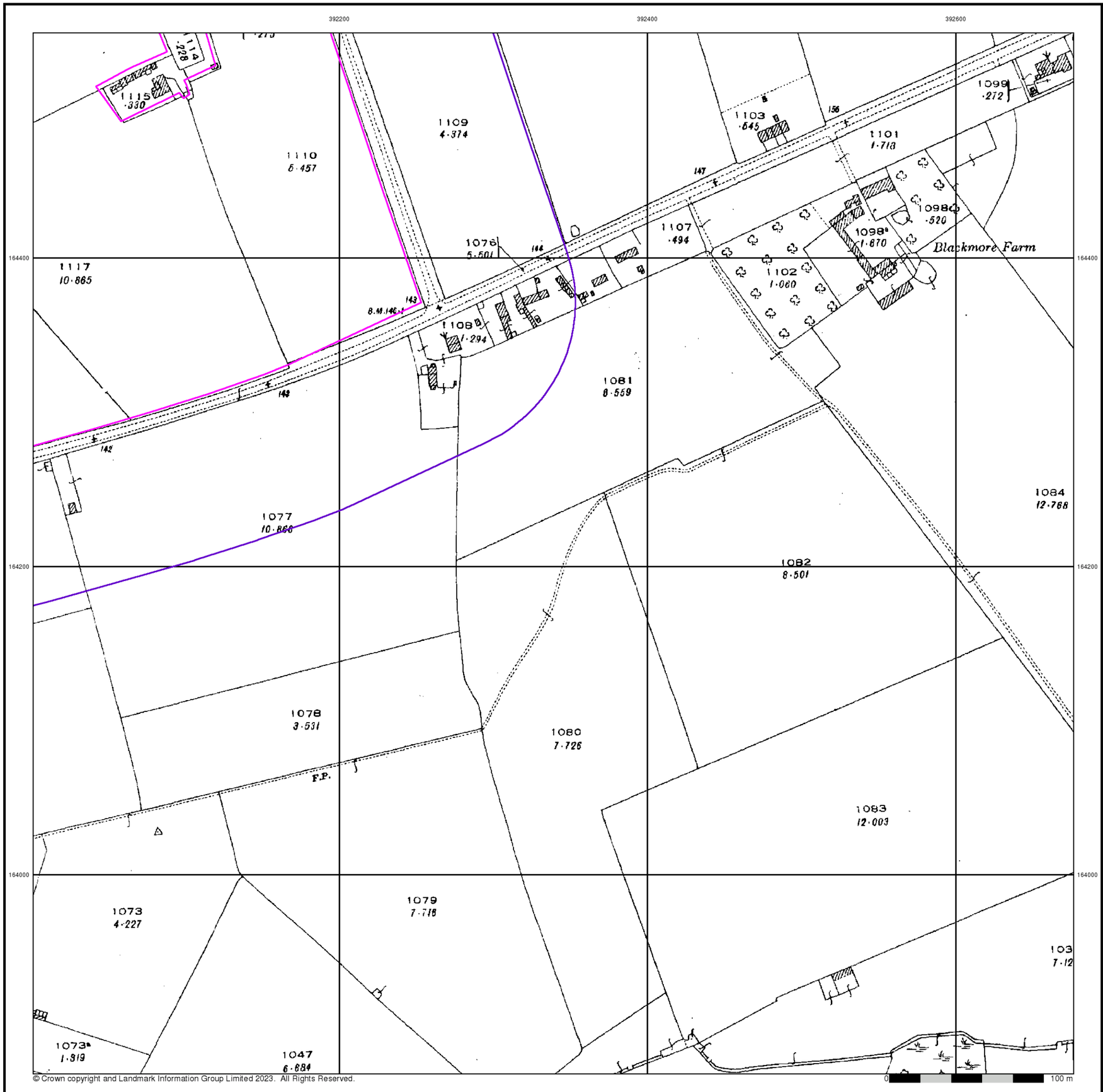
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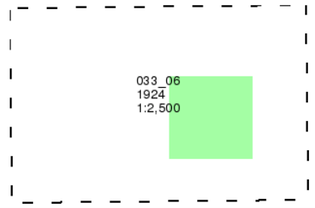
Wiltshire

Published 1924

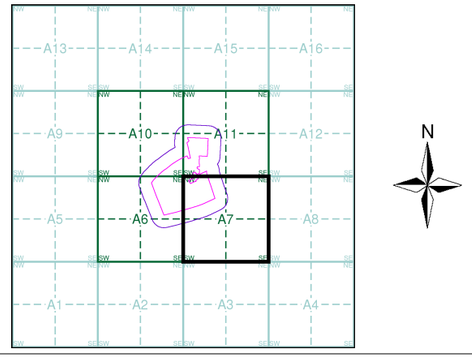
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A7



Order Details

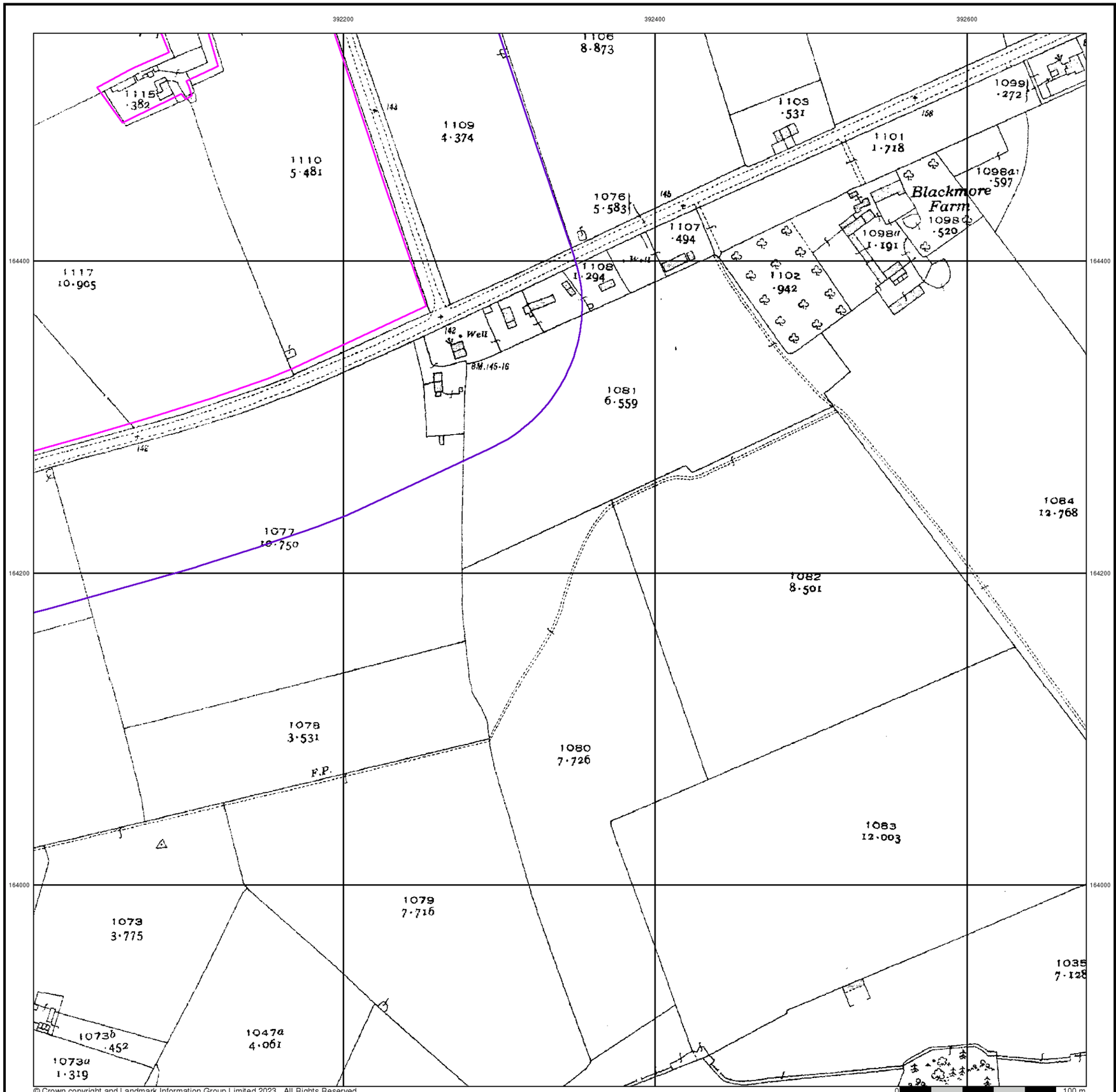
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Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	100

Site Details

Site at 392040, 164540

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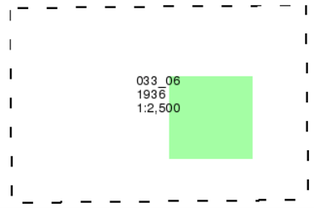
Wiltshire

Published 1936

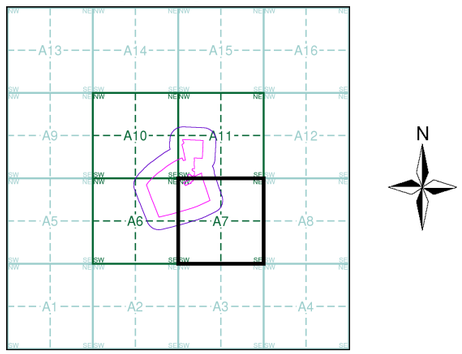
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A7



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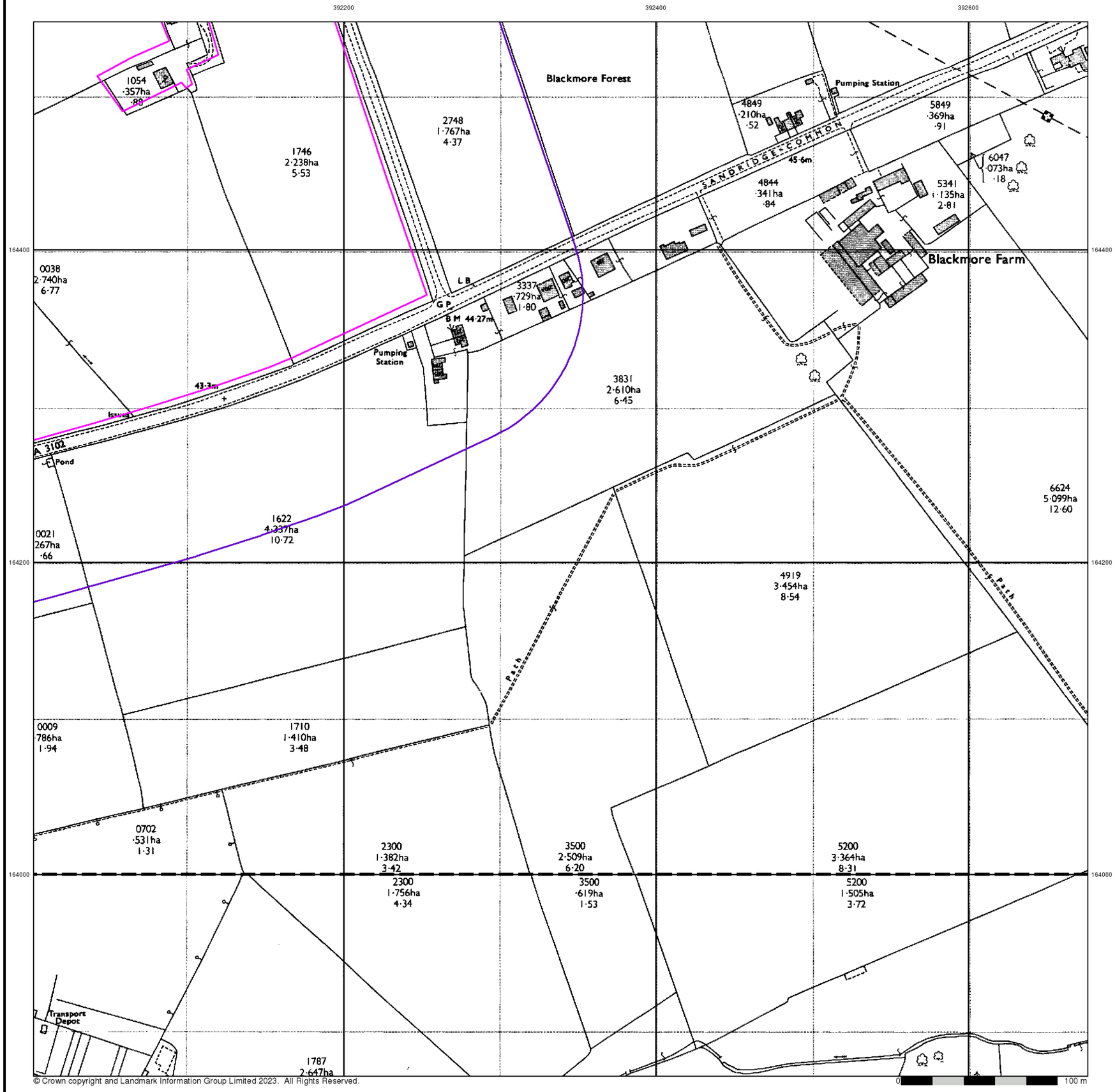
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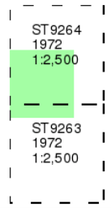
Ordnance Survey Plan

Published 1972

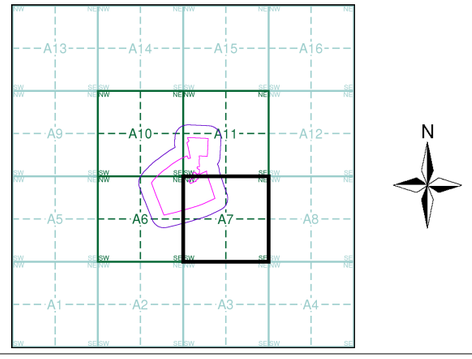
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Historical Map - Segment A7



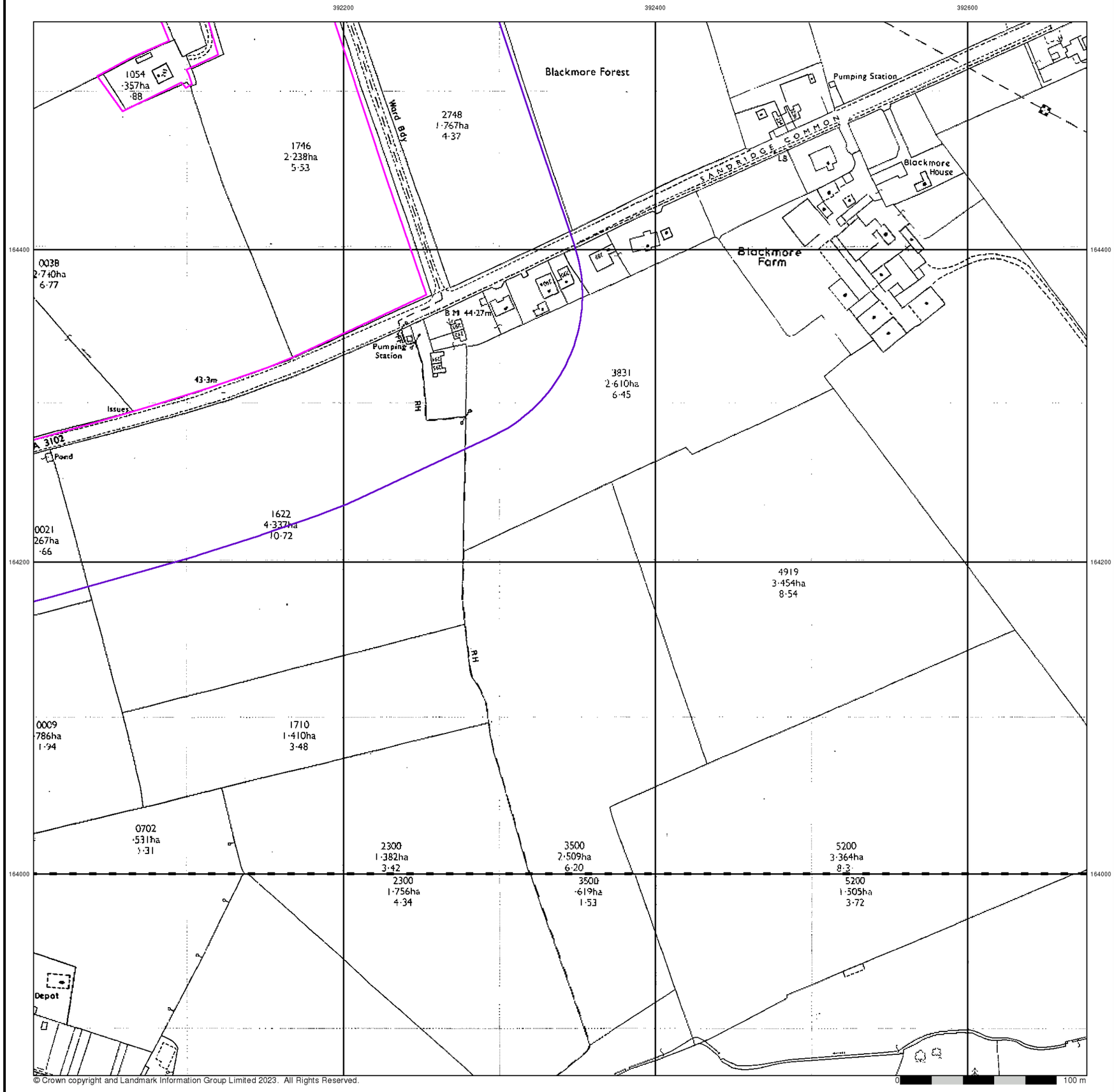
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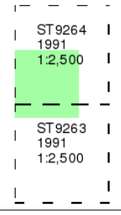
Additional SIMs

Published 1991

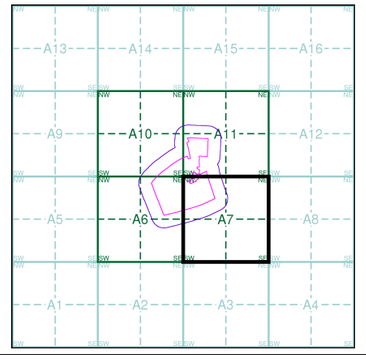
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A7



Order Details

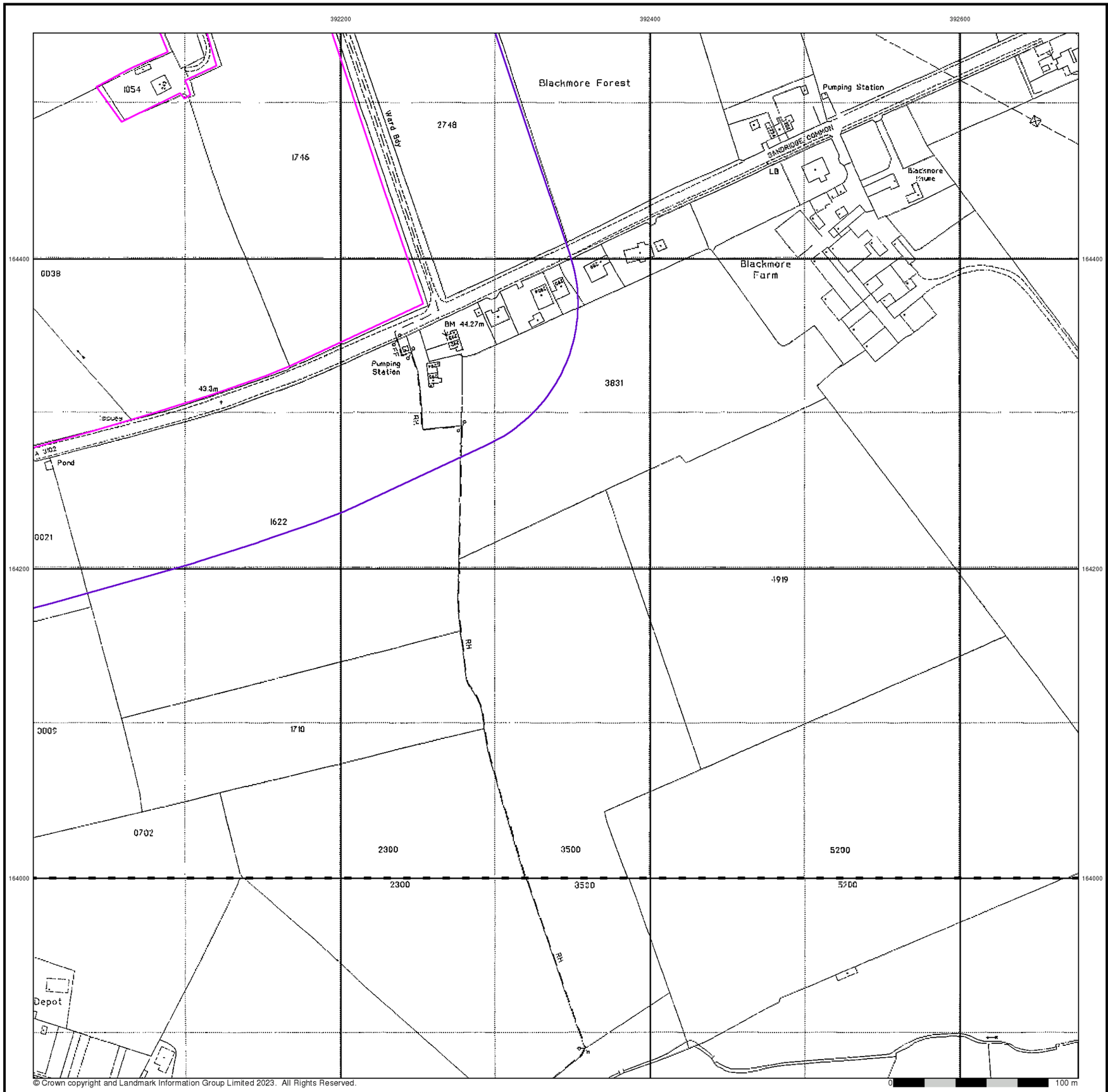
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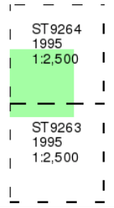
Large-Scale National Grid Data

Published 1995

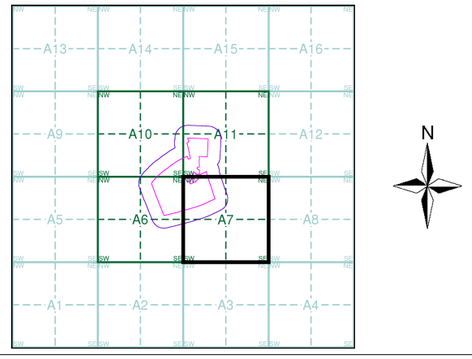
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A7



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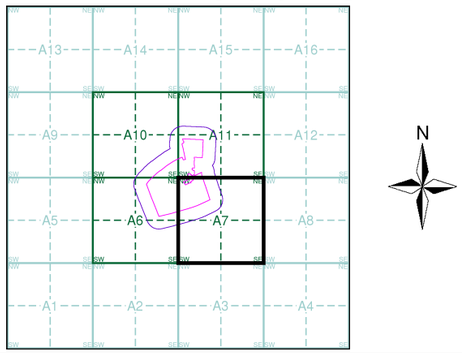
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Historical Aerial Photography

Published 2001

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A7



Order Details

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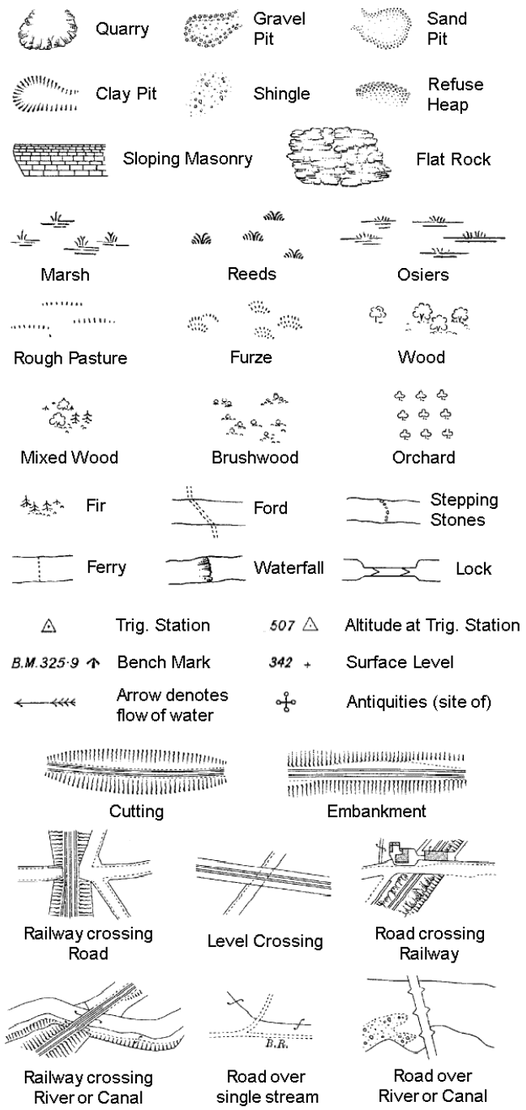
Site at 392040, 164540

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Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

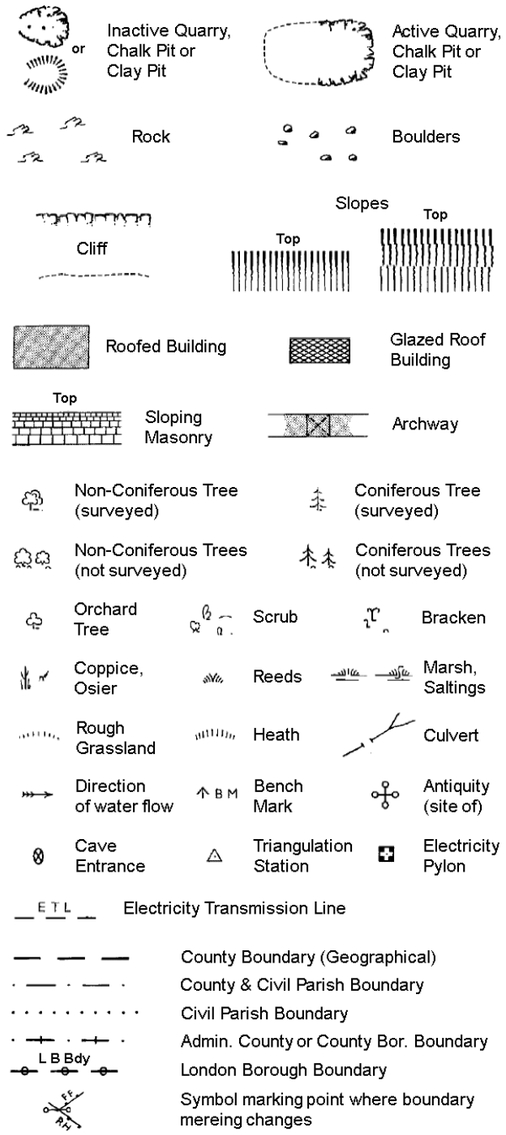
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

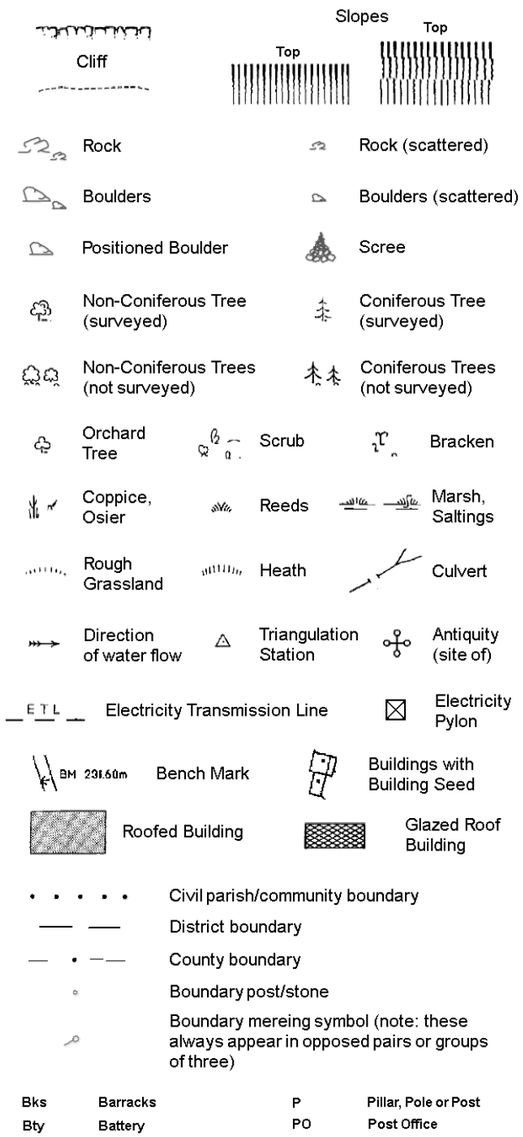
Admin. County or County Bor. Boundary

L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

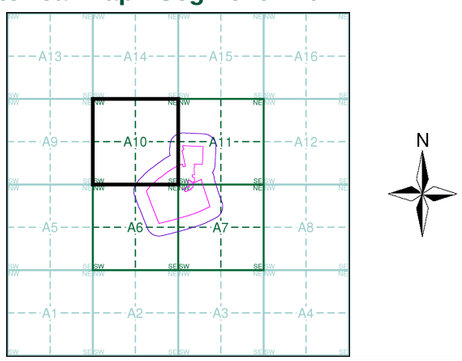
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Wiltshire	1:2,500	1886	2
Wiltshire	1:2,500	1900	3
Wiltshire	1:2,500	1924	4
Wiltshire	1:2,500	1936 - 1942	5
Ordnance Survey Plan	1:2,500	1972 - 1973	6
Supply of Unpublished Survey Information	1:2,500	1973	7
Ordnance Survey Plan	1:2,500	1975	8
Additional SIMs	1:2,500	1977 - 1992	9
Ordnance Survey Plan	1:2,500	1989	10
Large-Scale National Grid Data	1:2,500	1995	11
Historical Aerial Photography	1:2,500	2001	12

Historical Map - Segment A10



Order Details

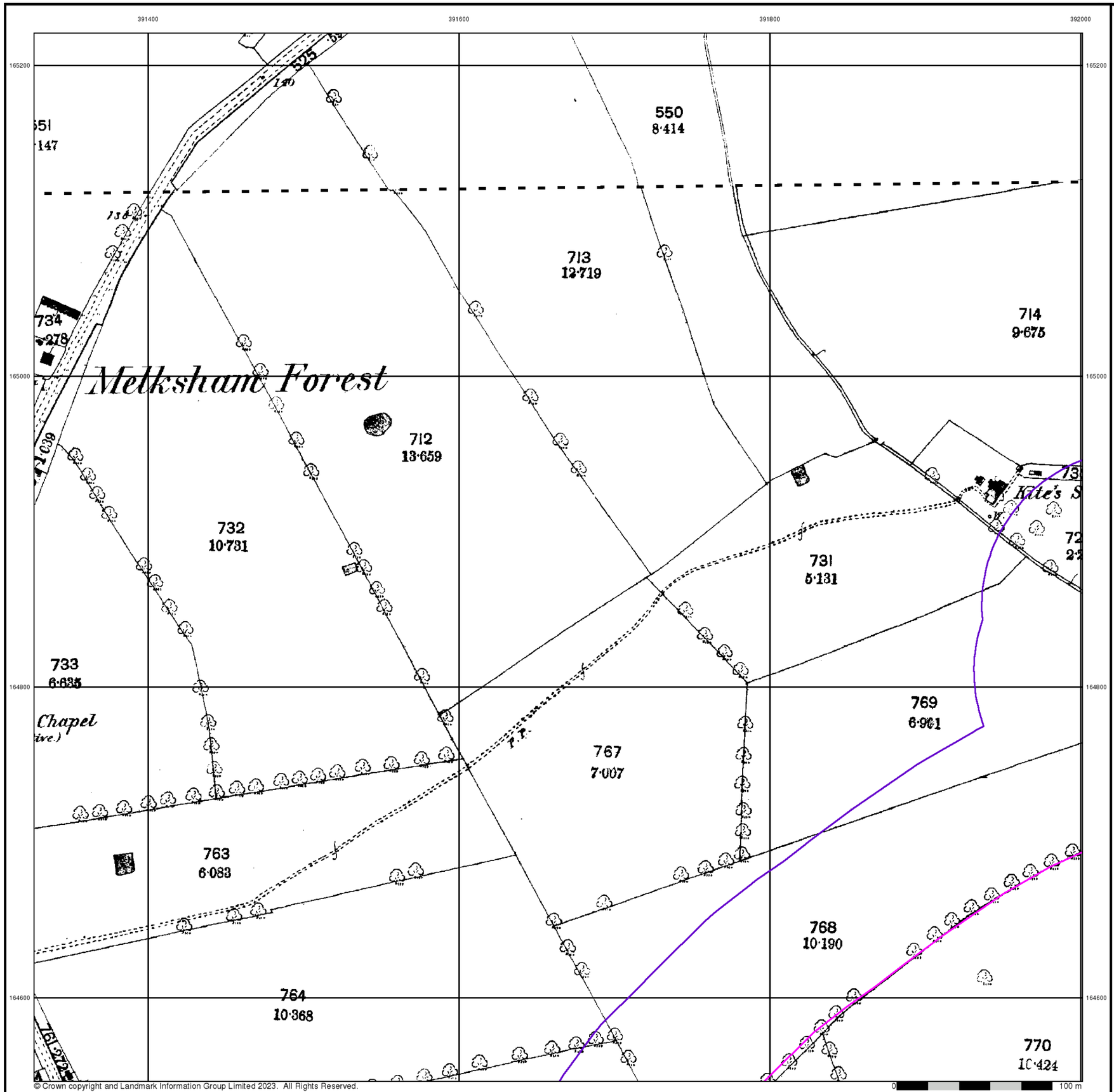
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Site Details

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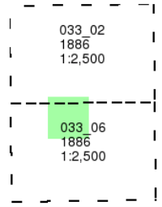
Wiltshire

Published 1886

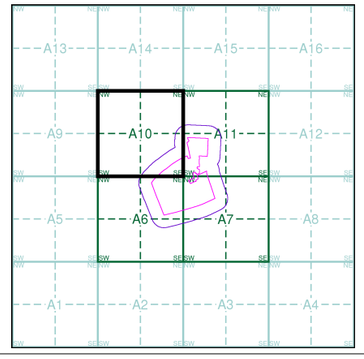
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

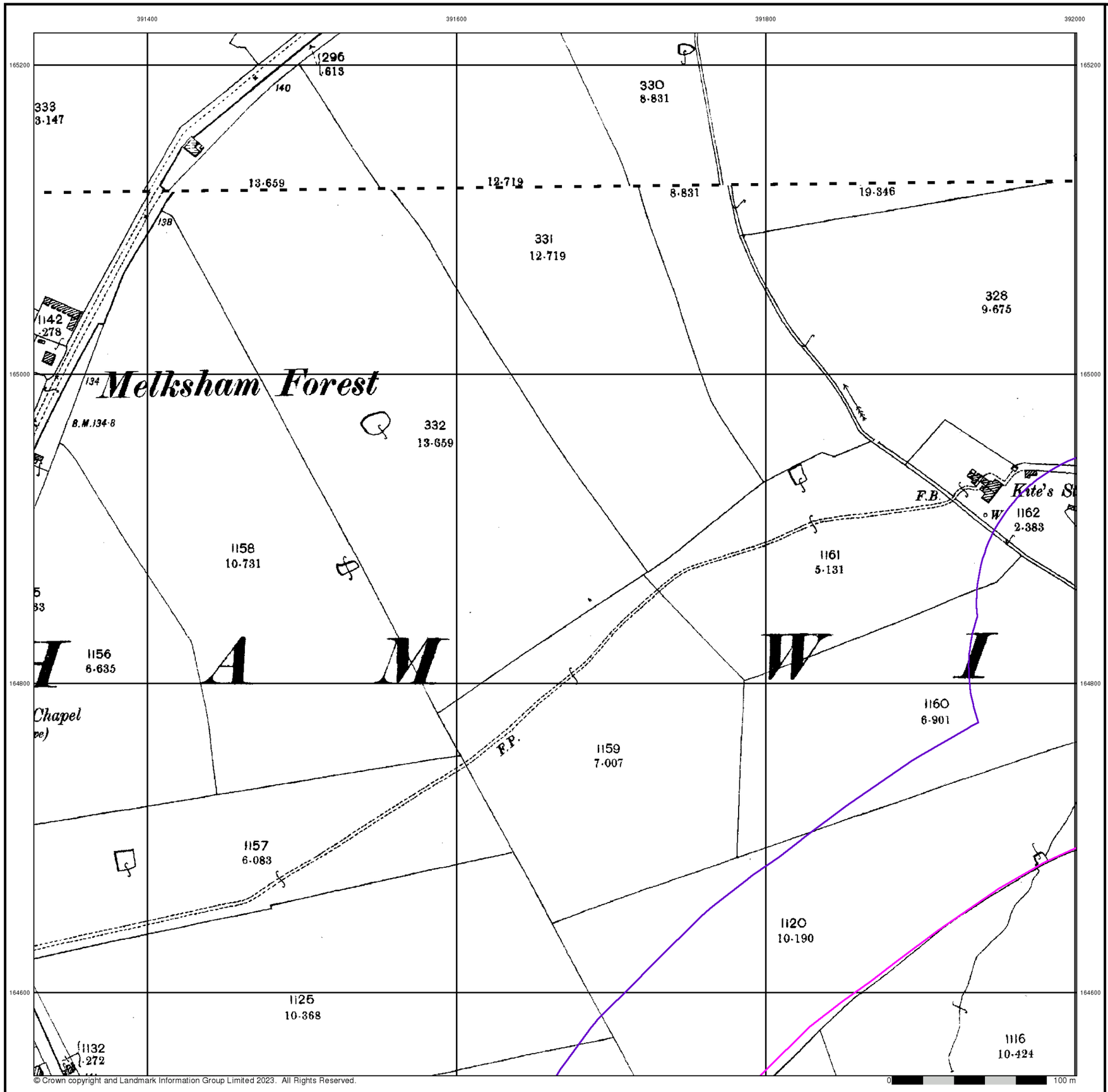
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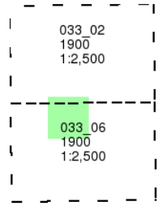
Wiltshire

Published 1900

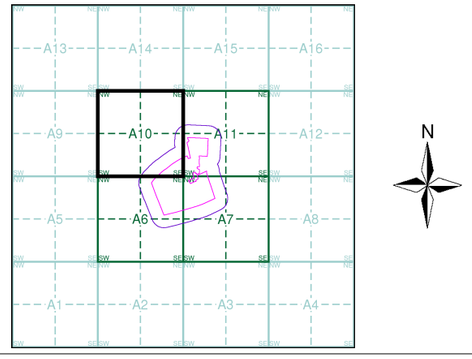
Source map scale - 1:2,500

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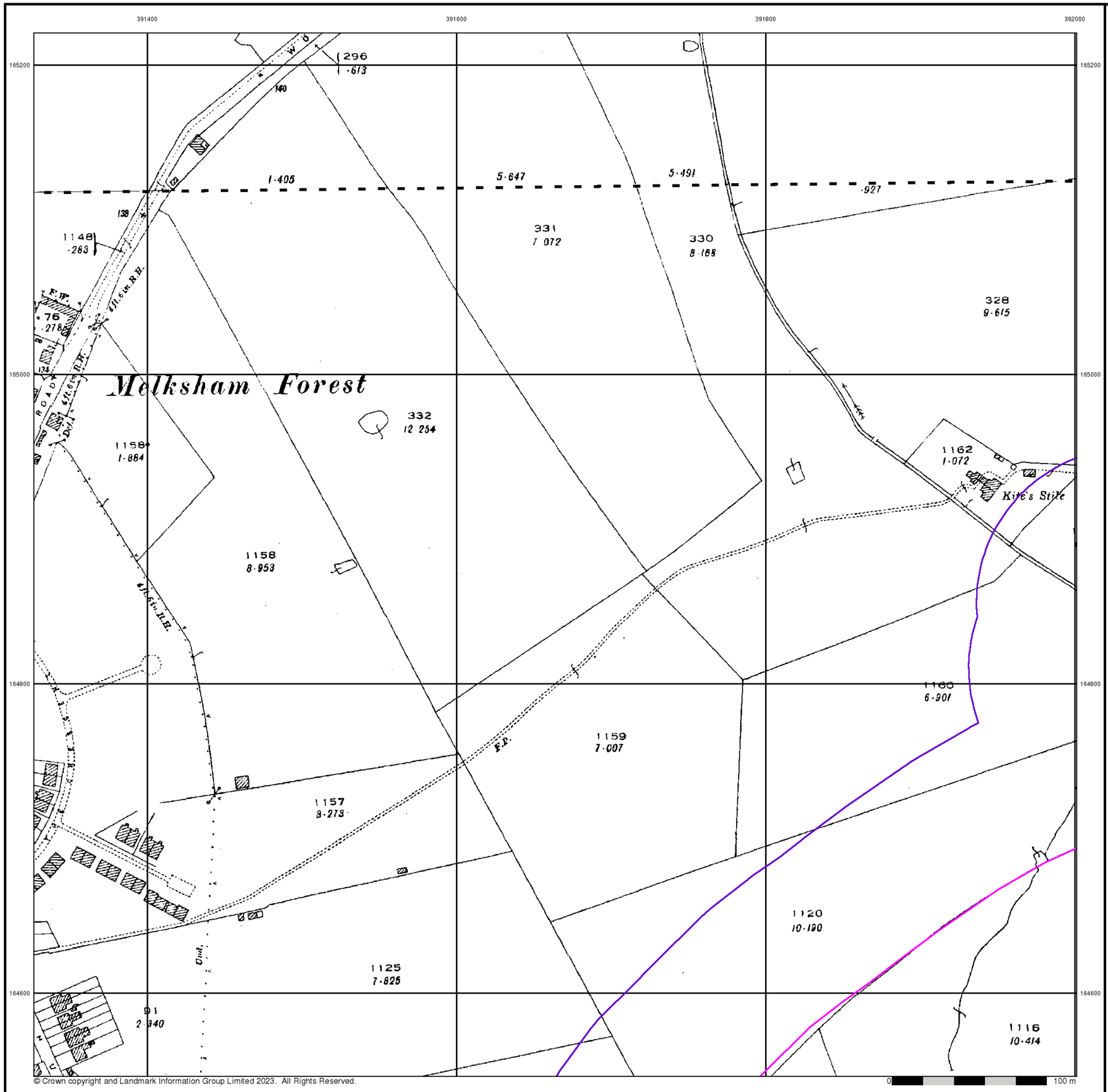
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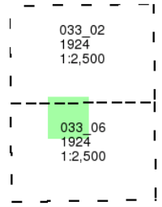
Wiltshire

Published 1924

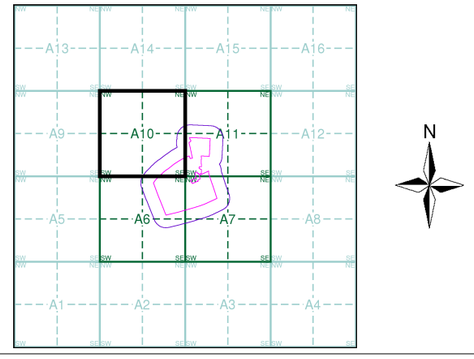
Source map scale - 1:2,500

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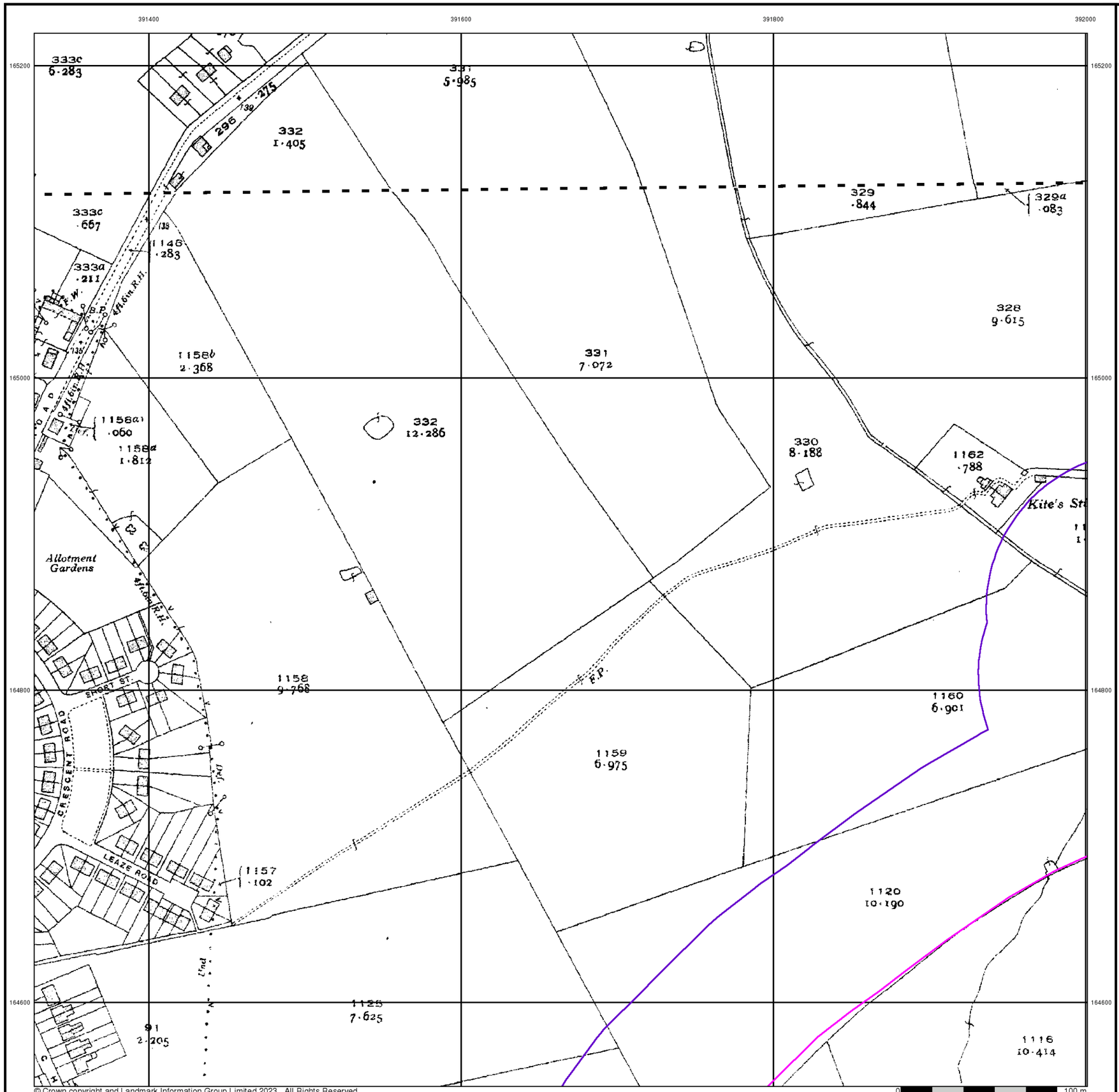
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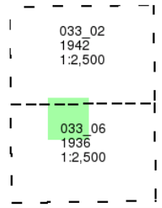
Wiltshire

Published 1936 - 1942

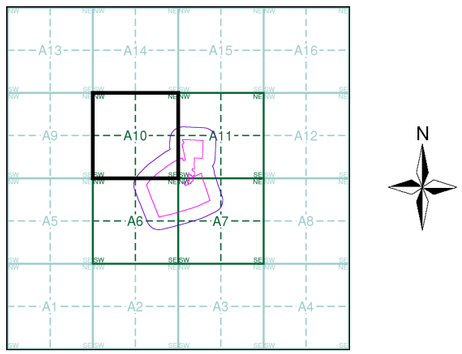
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

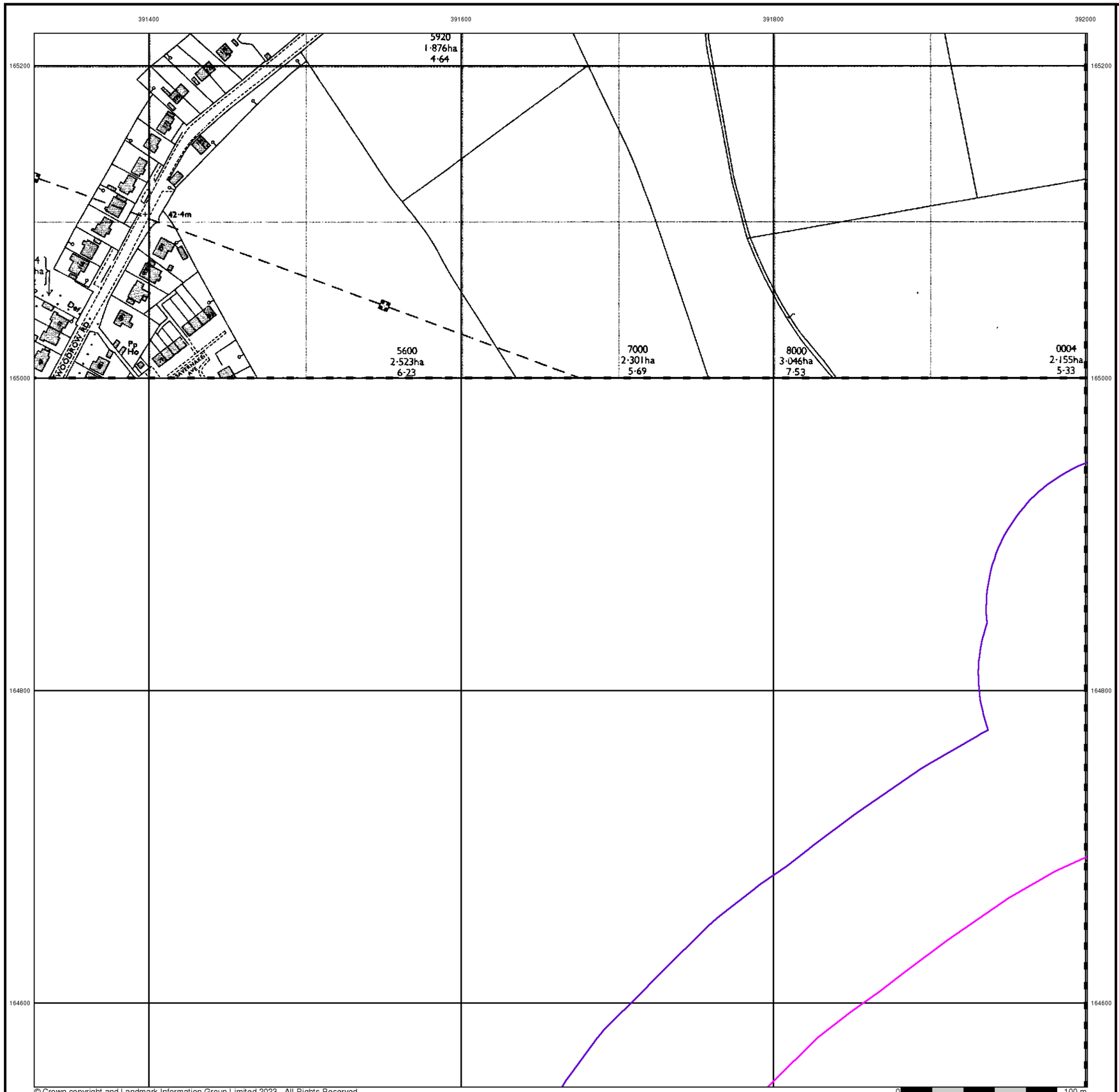
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Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	100

Site Details

Site at 392040, 164540

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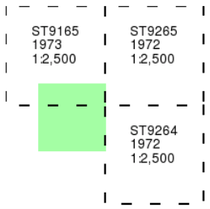
Ordnance Survey Plan

Published 1972 - 1973

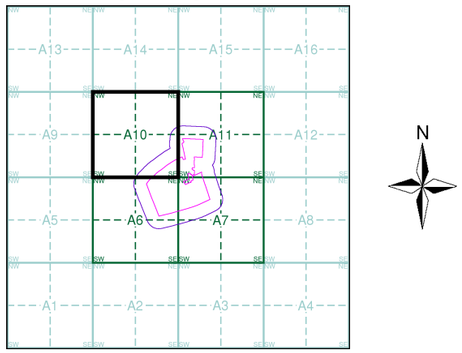
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

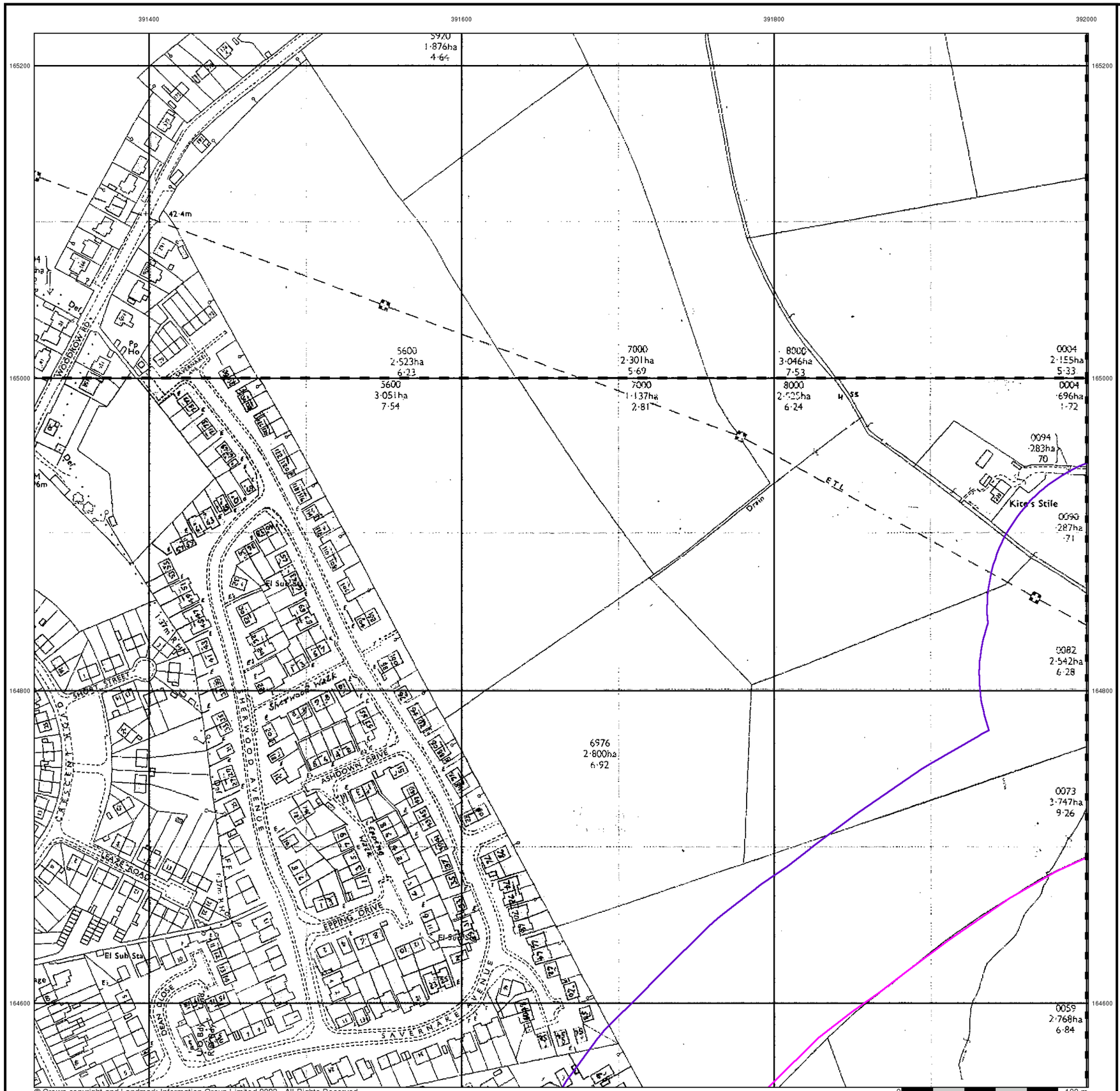
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Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	100

Site Details

Site at 392040, 164540

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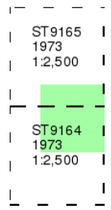
Supply of Unpublished Survey Information

Published 1973

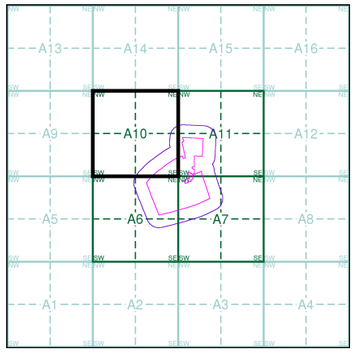
Source map scale - 1:2,500

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a `work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A10



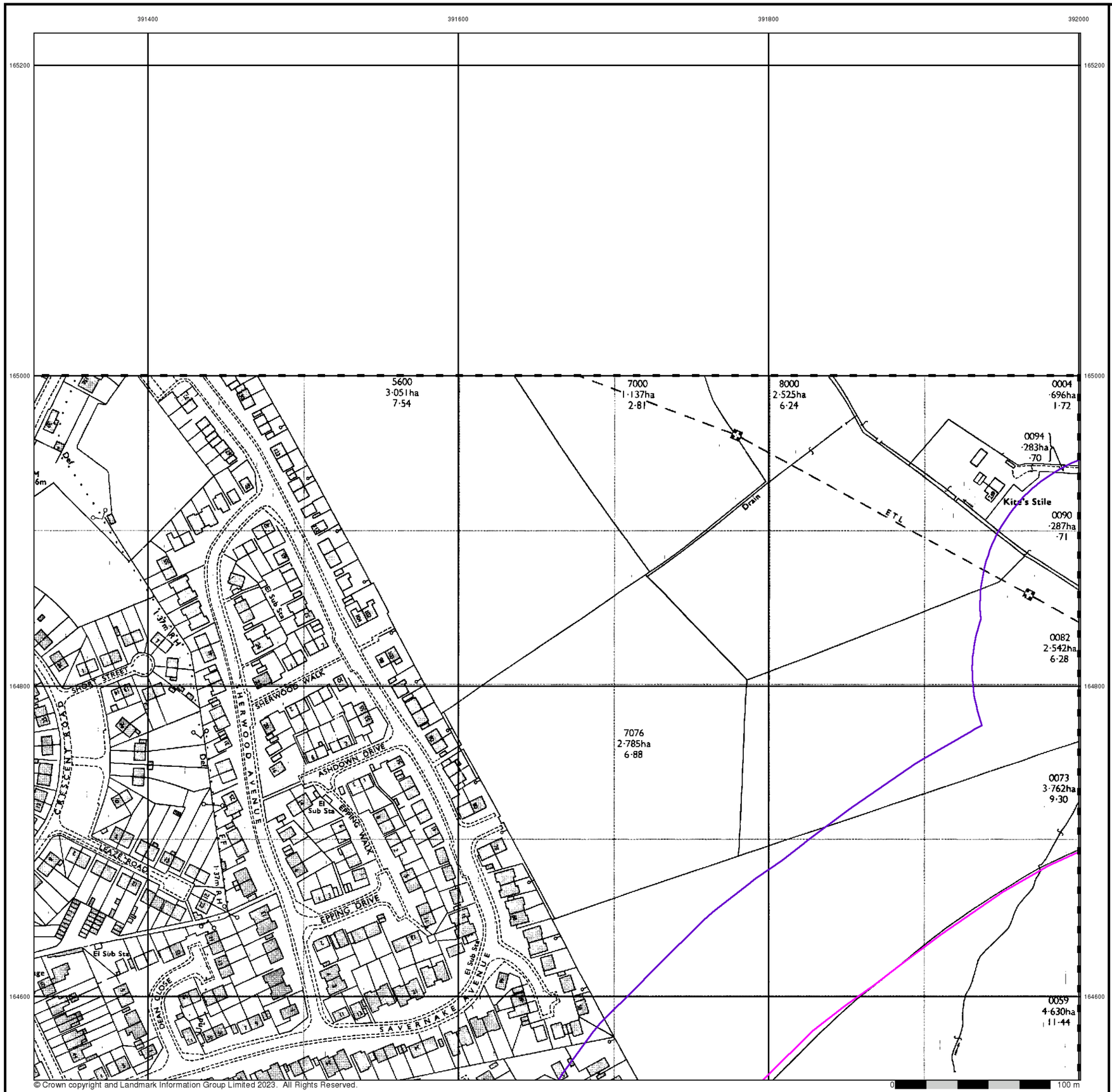
Order Details

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Customer Ref:	48309
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Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	100

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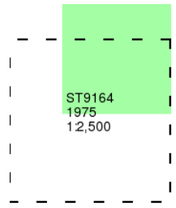
Ordnance Survey Plan

Published 1975

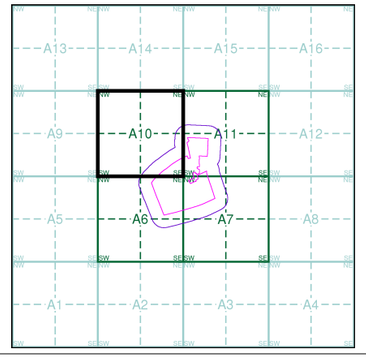
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

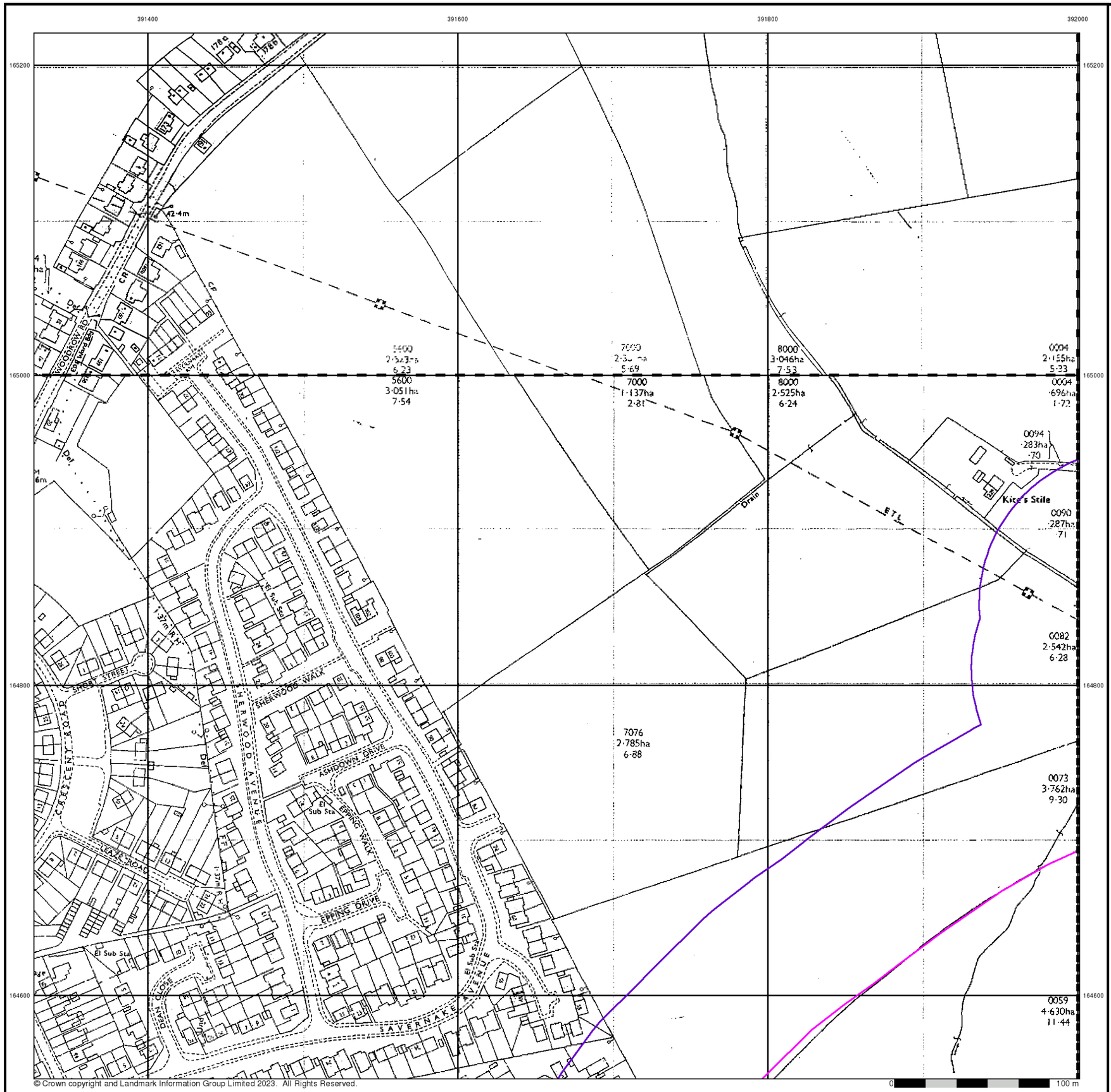
Order Number:	313423348_1_1
Customer Ref:	48309
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Site Area (Ha):	16.96
Search Buffer (m):	100

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Additional SIMs

Published 1977 - 1992

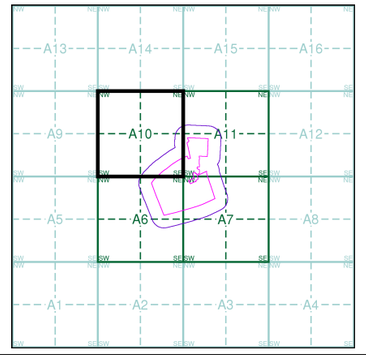
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

ST9165 1992 1:2,500	ST9265 1991 1:2,500
ST9164 1977 1:2,500	ST9264 1991 1:2,500

Historical Map - Segment A10



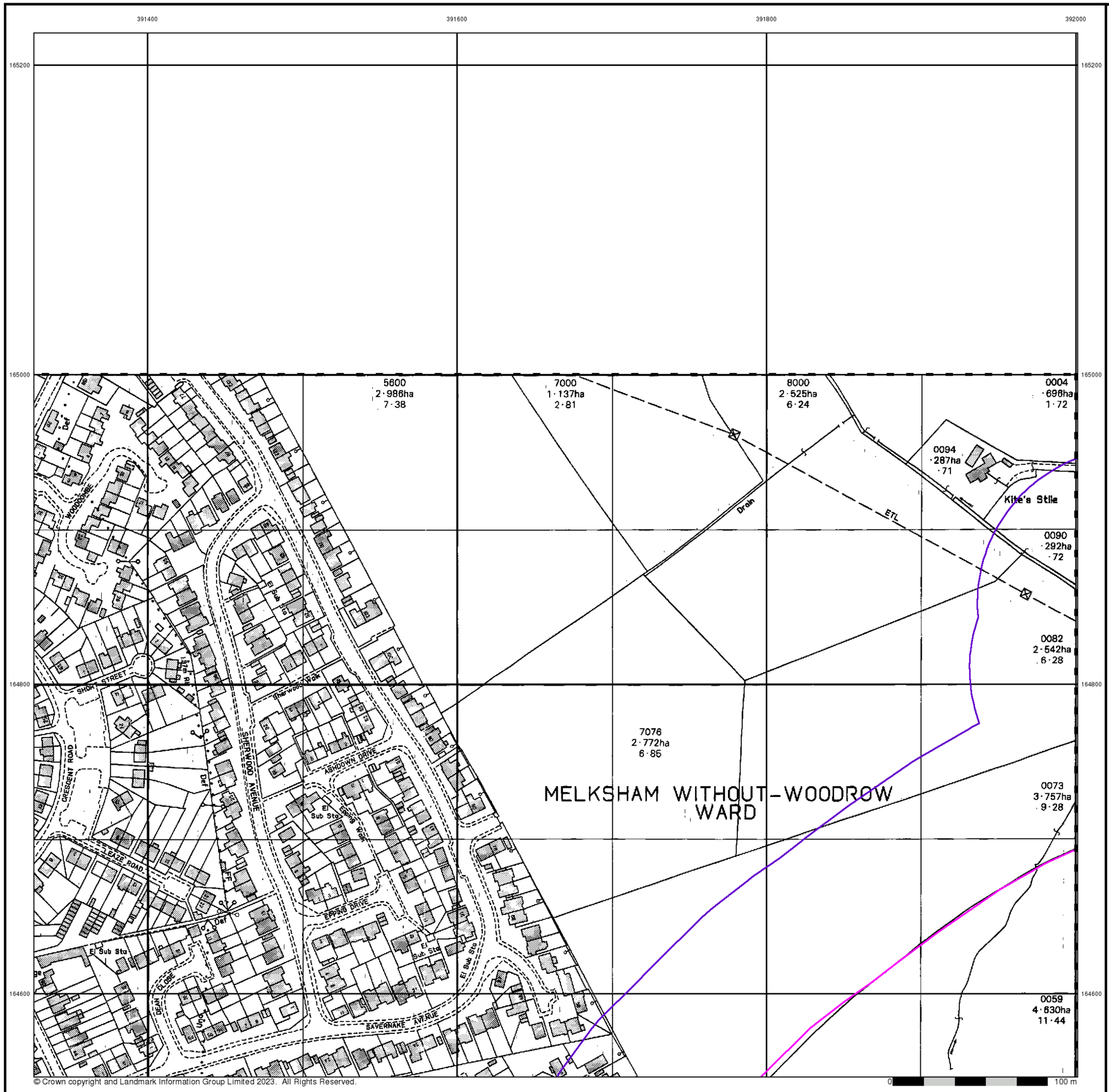
Order Details

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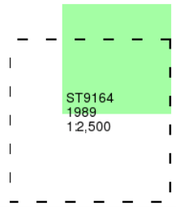
Ordnance Survey Plan

Published 1989

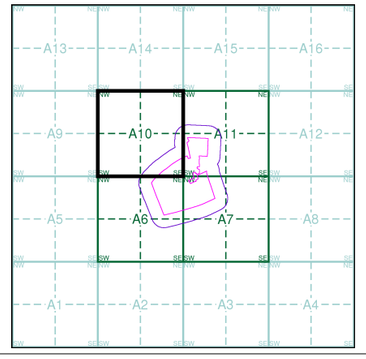
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10



Order Details

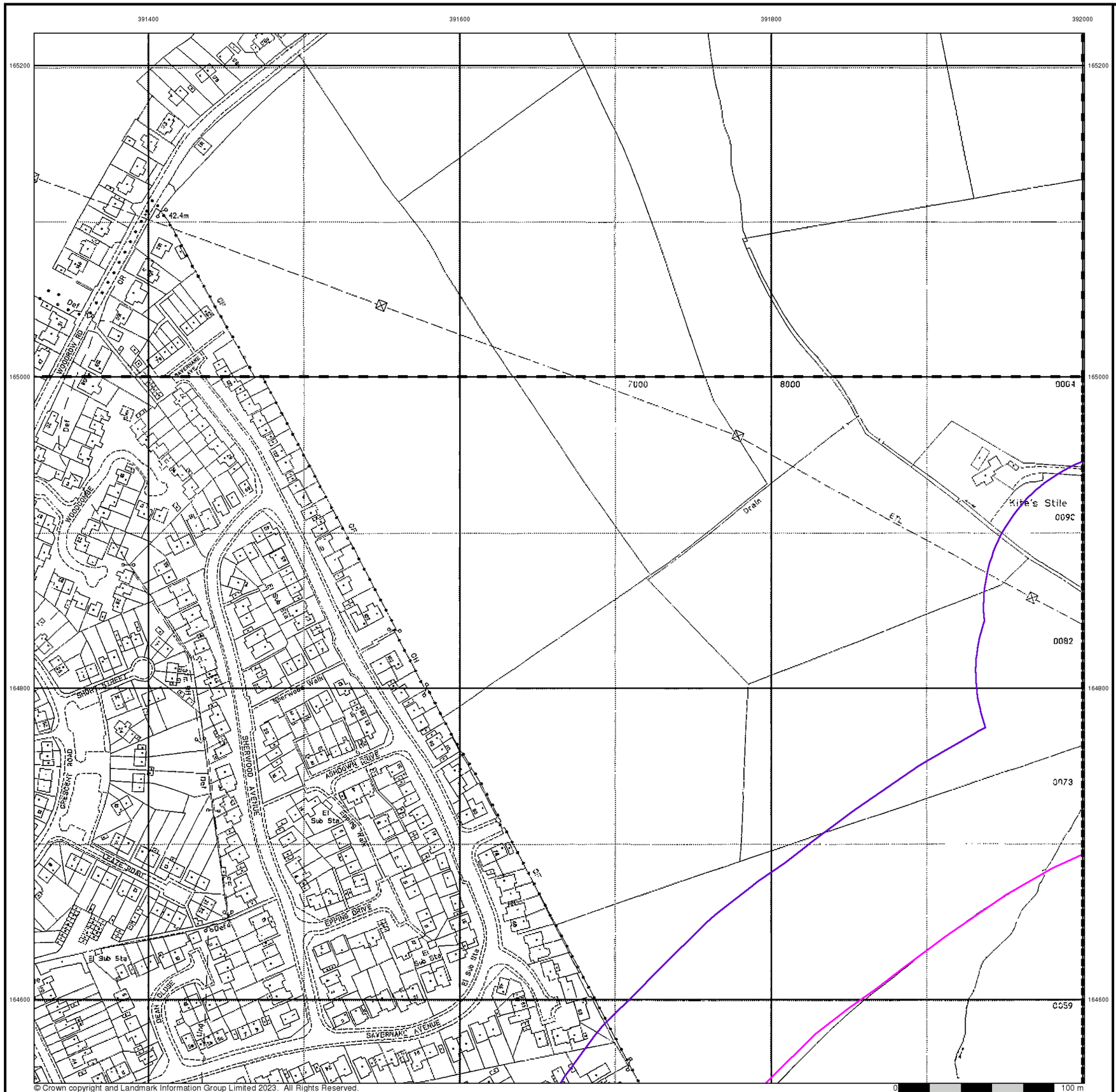
Order Number:	313423348_1_1
Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
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Large-Scale National Grid Data

Published 1995

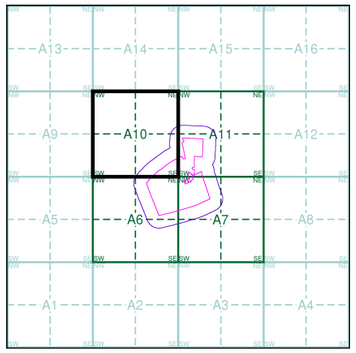
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

ST9165 1995 1:2,500	ST9265 1995 1:2,500
ST9164 1995 1:2,500	ST9264 1995 1:2,500

Historical Map - Segment A10



Order Details

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Site at 392040, 164540

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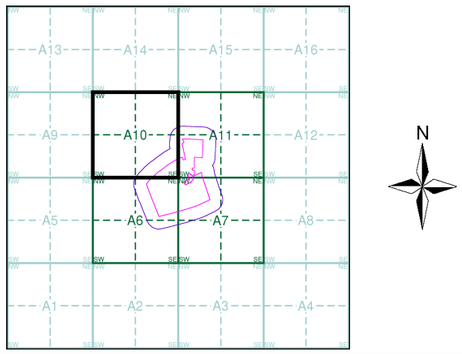
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Historical Aerial Photography

Published 2001

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A10



Order Details

Order Number:	313423348_1_1
Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	100

Site Details

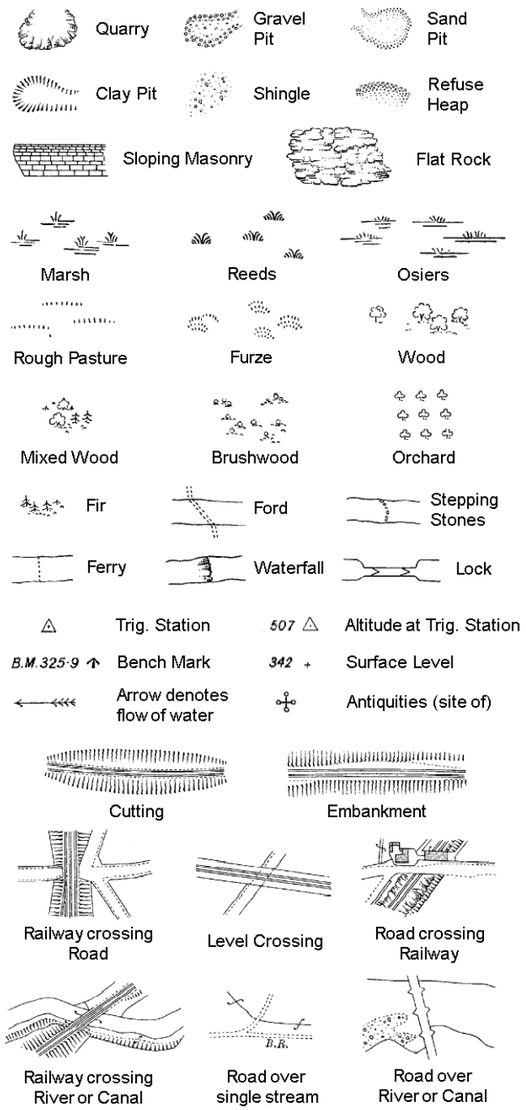
Site at 392040, 164540

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Historical Mapping Legends

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



County Boundary (Geographical)

County & Civil Parish Boundary

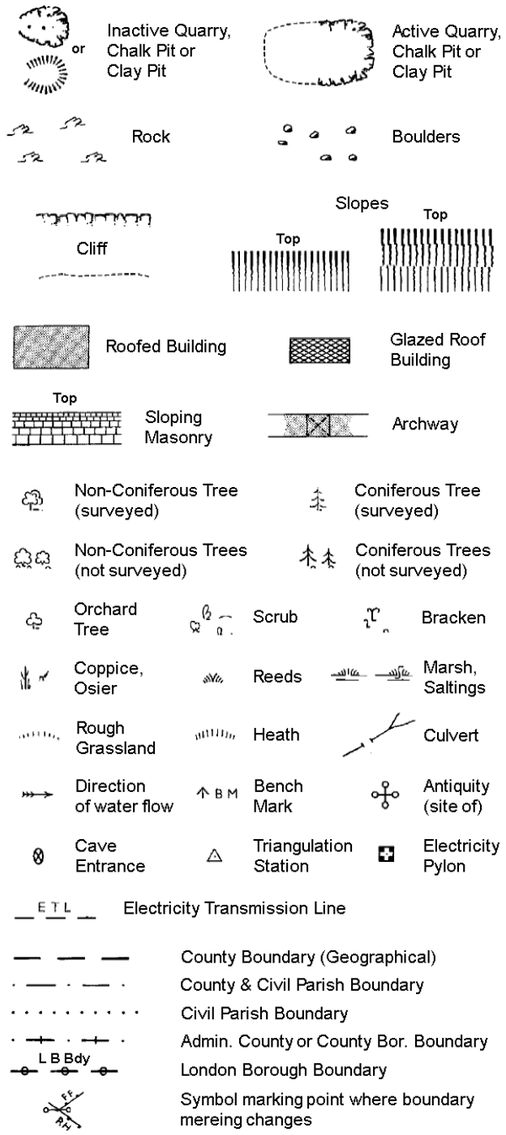
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

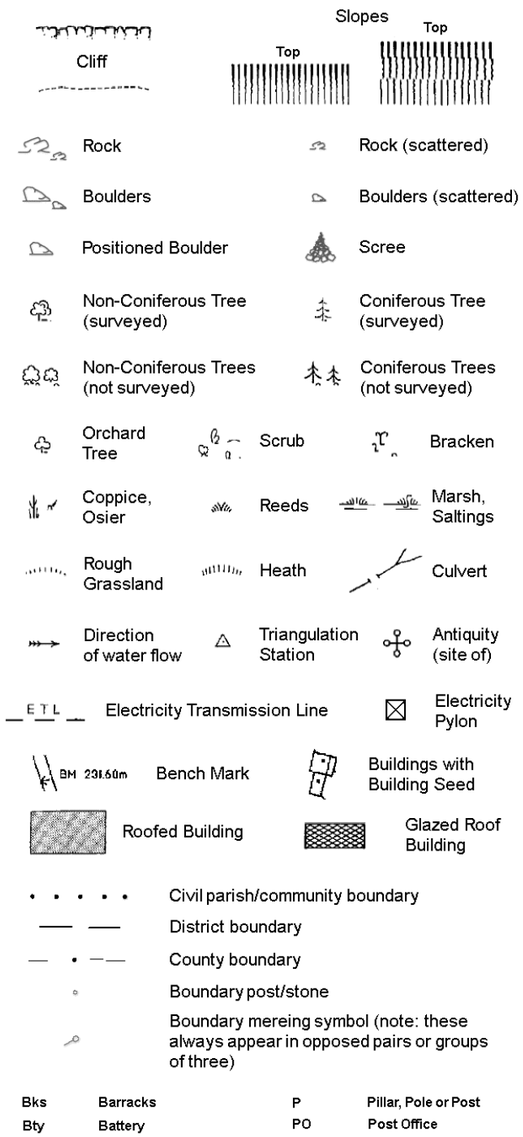
Admin. County or County Bor. Boundary

L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

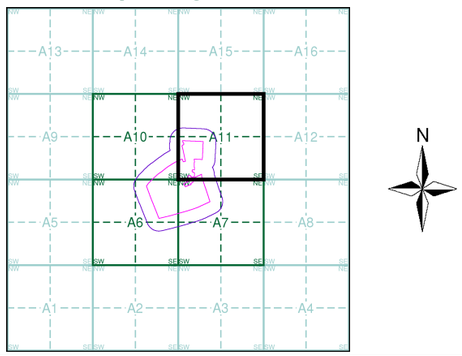
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Wiltshire	1:2,500	1886	2
Wiltshire	1:2,500	1900	3
Wiltshire	1:2,500	1924	4
Wiltshire	1:2,500	1936 - 1942	5
Ordnance Survey Plan	1:2,500	1972	6
Additional SIMs	1:2,500	1991	7
Large-Scale National Grid Data	1:2,500	1995	8
Historical Aerial Photography	1:2,500	2001	9

Historical Map - Segment A11



Order Details

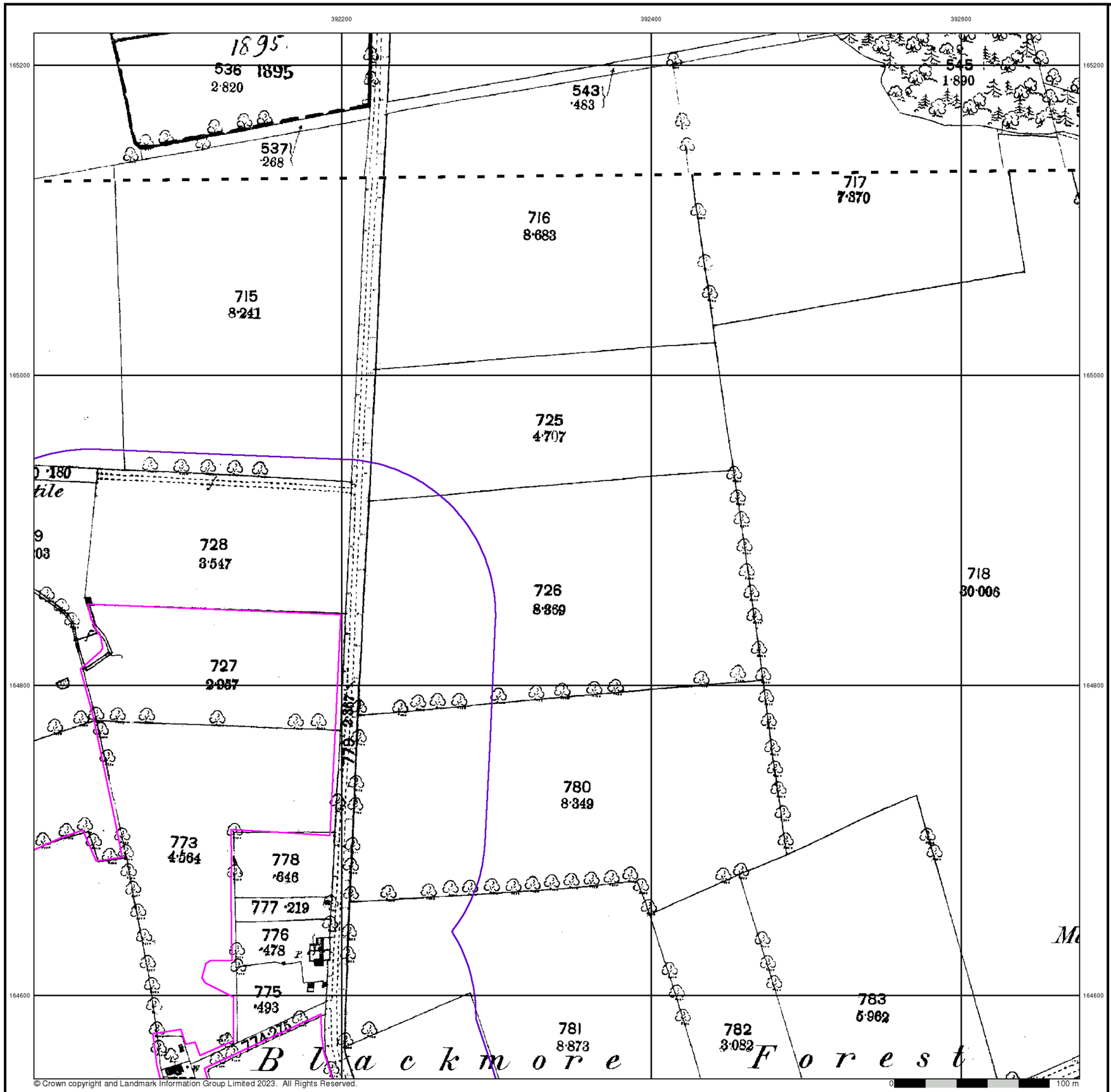
Order Number:	313423348_1_1
Customer Ref:	48309
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Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	100

Site Details

Site at 392040, 164540

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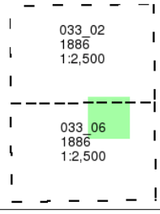
Wiltshire

Published 1886

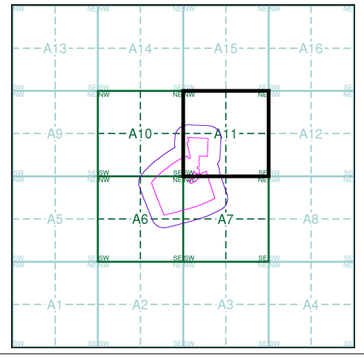
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

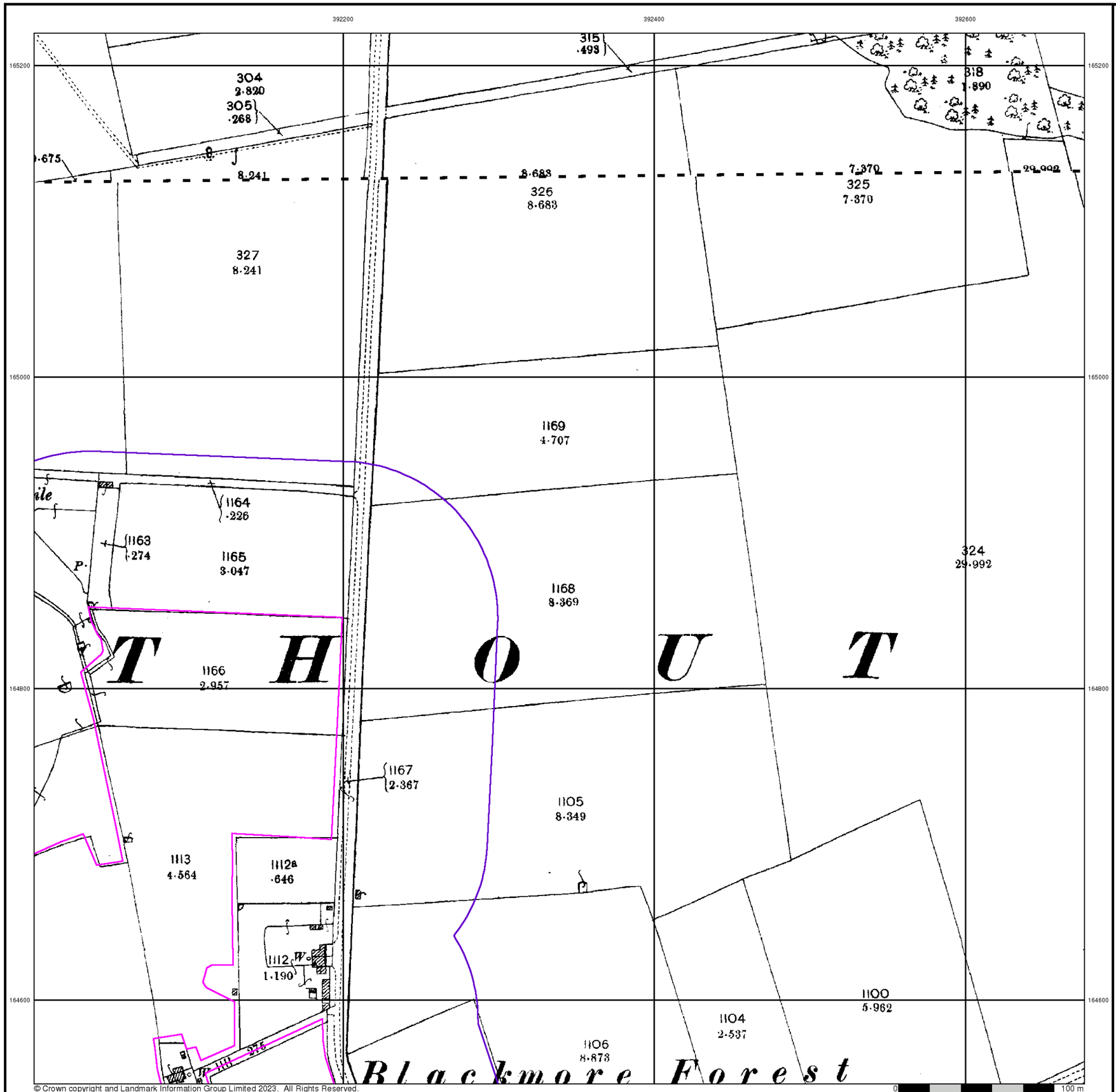
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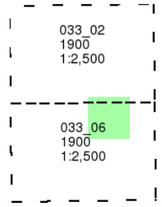
Wiltshire

Published 1900

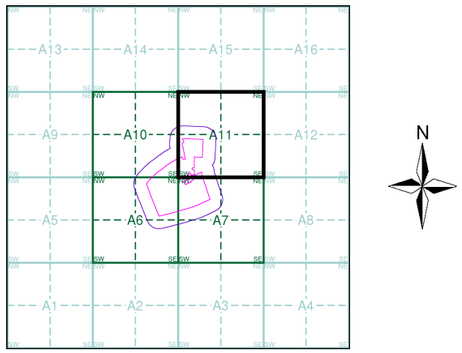
Source map scale - 1:2,500

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Historical Map - Segment A11



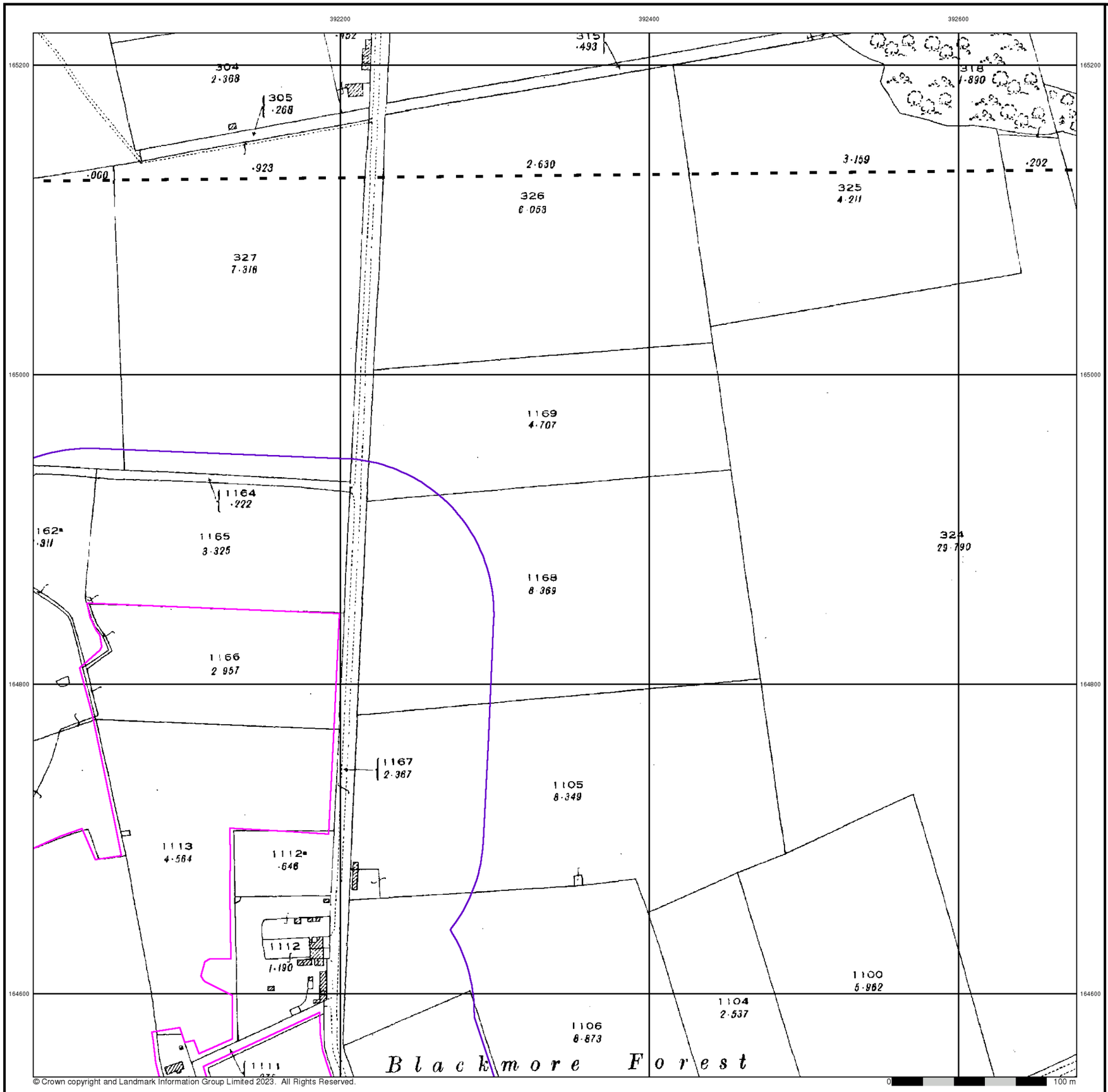
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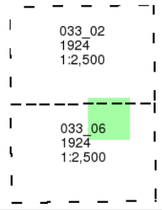
Wiltshire

Published 1924

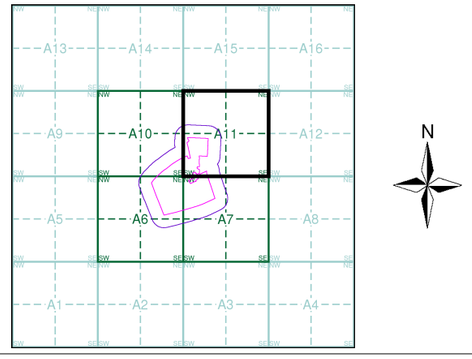
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

Order Number:	313423348_1_1
Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	100

Site Details

Site at 392040, 164540

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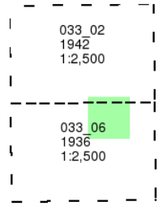
Wiltshire

Published 1936 - 1942

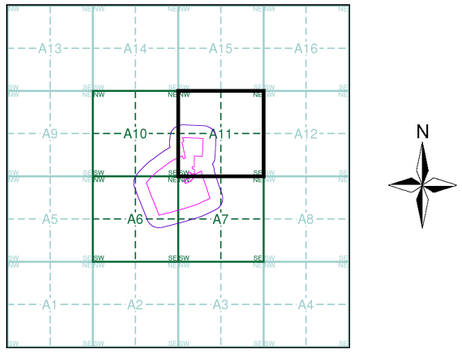
Source map scale - 1:2,500

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

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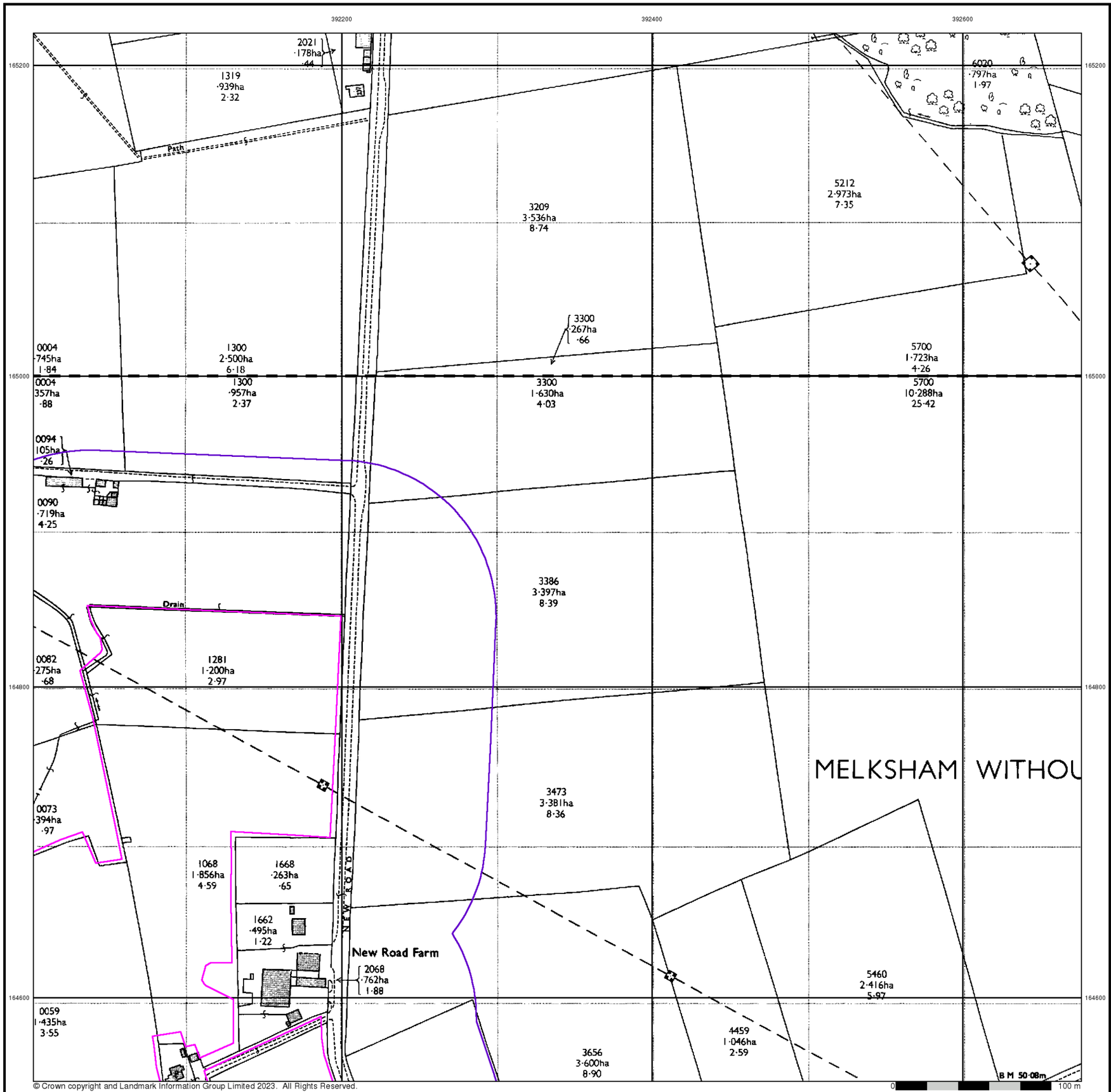
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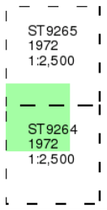
Ordnance Survey Plan

Published 1972

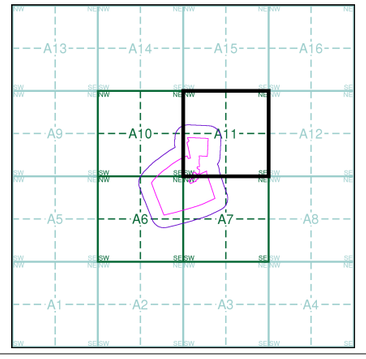
Source map scale - 1:2,500

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

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Historical Map - Segment A11



Order Details

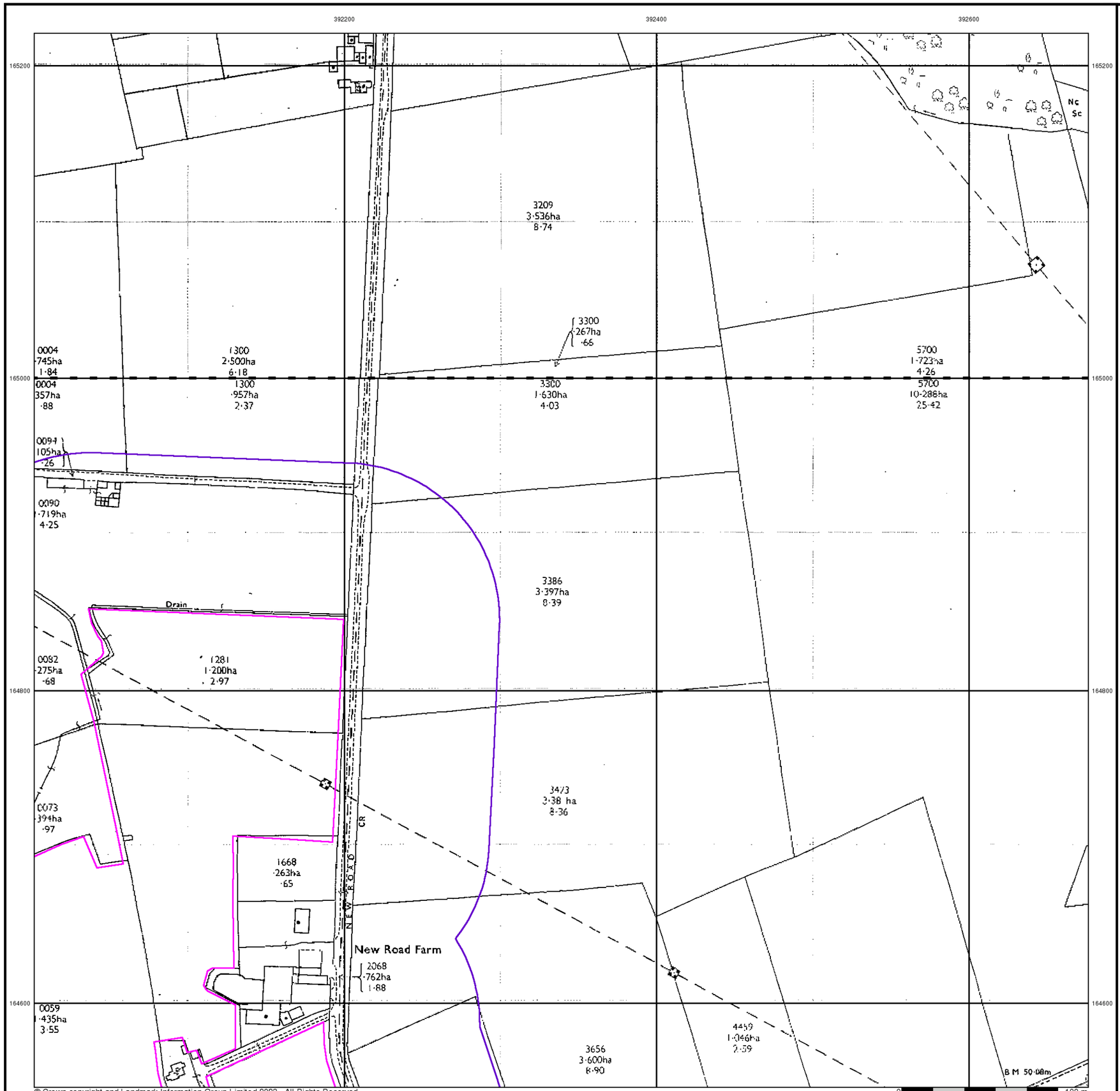
Order Number:	313423348_1_1
Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
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Site Details

Site at 392040, 164540

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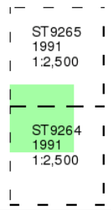
Additional SIMs

Published 1991

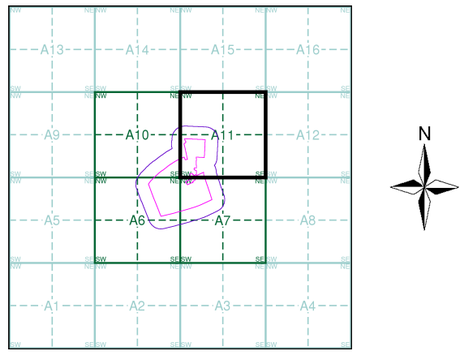
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

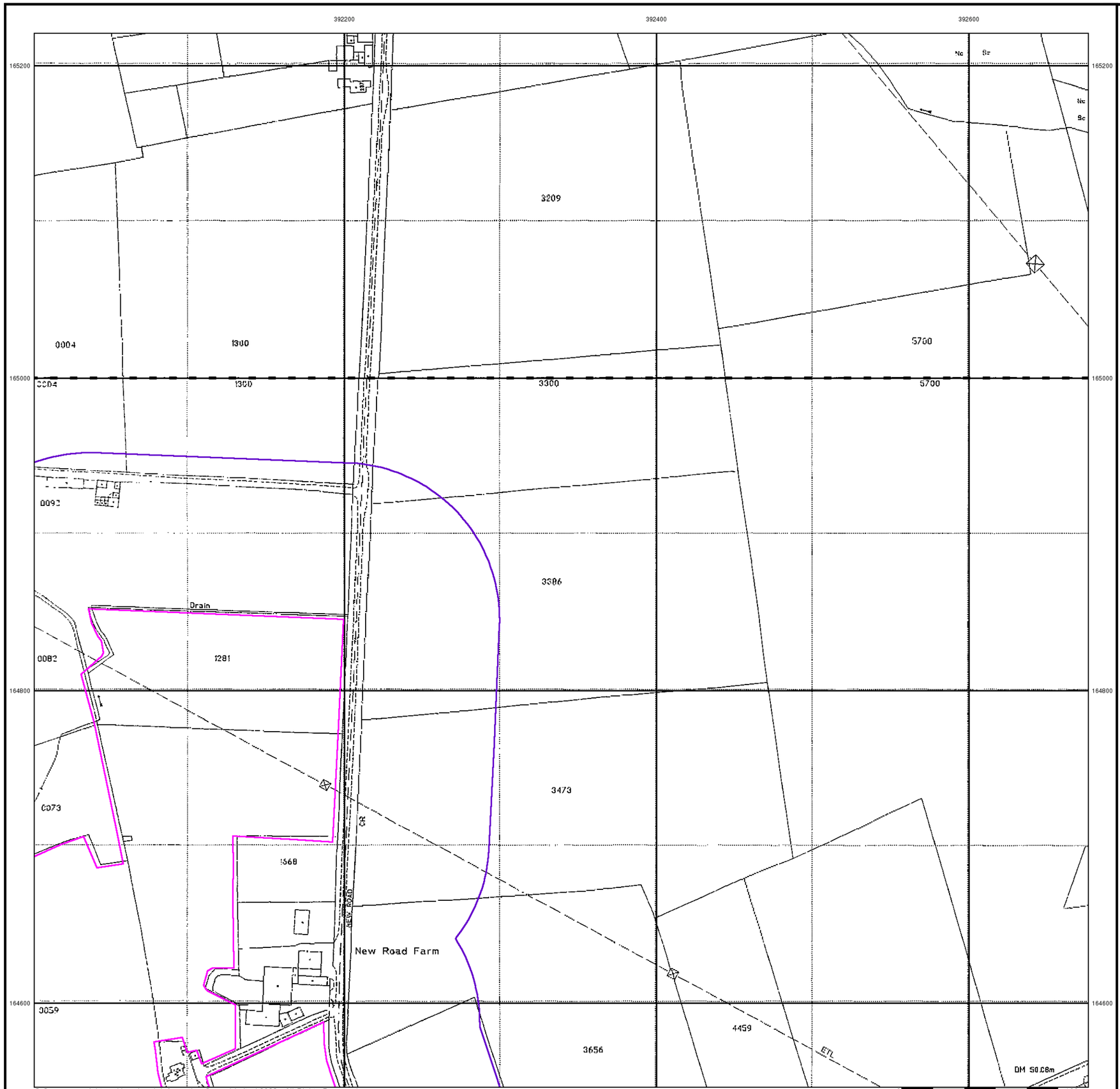
Order Number:	313423348_1_1
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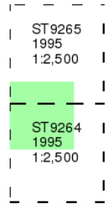
Large-Scale National Grid Data

Published 1995

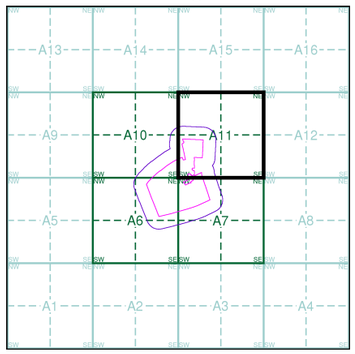
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A11



Order Details

Order Number:	313423348_1_1
Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
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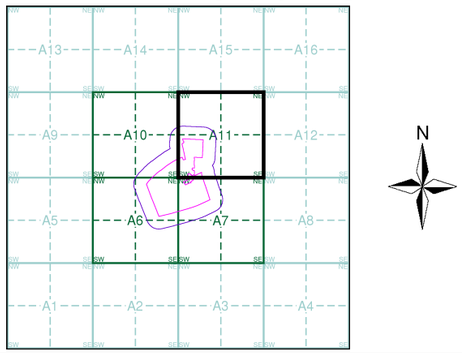


Historical Aerial Photography

Published 2001

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A11



Order Details

Order Number:	313423348_1_1
Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	100

Site Details

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Envirocheck® Report:

Datasheet

Order Details:

Order Number:
313423348_1_1

Customer Reference:
48309

National Grid Reference:
392030, 164540

Slice:
A

Site Area (Ha):
16.96

Search Buffer (m):
1000

Site Details:

Site at 392040, 164540

Client Details:

Mrs K Betson
Eastwood & Partners Ltd
St Andrews House
23 Kingfield Road
Sheffield
S11 9AS

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Contents

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Summary	-
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Geological	20
Industrial Land Use	23
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Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.
For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.
In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1		Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		1		11
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 4			1	1
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4	Yes			
Pollution Incidents to Controlled Waters	pg 4		1		
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 4				2
Water Abstractions	pg 5				(*12)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 8	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 8	Yes		n/a	n/a
Flooding from Rivers or Sea without Defences	pg 8		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 8	3	4	4	55

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 17				2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 17	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 17				3
Potentially Infilled Land (Non-Water)	pg 17				2
Potentially Infilled Land (Water)	pg 18	2	7	4	24
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 20	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 20	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites					
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 22	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 22	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 23		2	19	15
Fuel Station Entries	pg 26			1	
Points of Interest - Commercial Services	pg 26			9	6
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 27			1	
Points of Interest - Public Infrastructure	pg 27			4	4
Points of Interest - Recreational and Environmental	pg 28		2	3	6
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NW (N)	198	1	392026 165050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10NE (N)	202	1	392000 165050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NW (N)	251	1	392100 165100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7SE (SE)	468	1	392350 163900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A3NW (S)	482	1	392250 163850
1	**Discharge Consents** Operator: Wessex Water Services Ltd Property Type: Undefined Or Other Location: Sandridge Road, Melksham Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 011487 Permit Version: 1 Effective Date: 31st October 1989 Issued Date: Not Supplied Revocation Date: 9th June 1999 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Ditch Trib Clackers Brook **Status: Temporary Consents (Water Act 1989, Section 113)** Positional Accuracy: Located by supplier to within 100m	A7NW (SE)	42	2	392200 164300
2	**Discharge Consents** Operator: Mr B J Stainer Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Little Snarlton Farm(Melksham), Melksham, Wiltshire Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 020848 Permit Version: 1 Effective Date: 31st December 1965 Issued Date: Not Supplied Revocation Date: 12th December 2003 Discharge Type: Trade Discharge - Agricultural And Surface Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of River Bristol Avon **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A3NW (S)	545	2	392300 163800
3	**Discharge Consents** Operator: Wessex Water Services Ltd Property Type: Undefined Or Other Location: Melksham-Woodrow Road, Woodrow Road, Melksham Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 010640 Permit Version: 1 Effective Date: 31st October 1989 Issued Date: Not Supplied Revocation Date: 9th June 1999 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Onto Land/Into Watercourse Receiving Water: Ditch **Status: Temporary Consents (Water Act 1989, Section 113)** Positional Accuracy: Located by supplier to within 100m	A14SE (N)	597	2	391800 165400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Discharge Consents** Operator: Ms Janine Newbound Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Skye View, 416b Devizes Road, Melksham, Wiltshire, Sn12 6re Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 011803 Permit Version: 1 Effective Date: 24th June 1992 Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Soakaway **Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12)** Positional Accuracy: Located by supplier to within 100m	A8SW (SE)	642	2	392830 164090
5	**Discharge Consents** Operator: Gee & Sons Property Type: Undefined Or Other Location: Woodrow Farm, Forest, Melksham, Wilts Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 020864 Permit Version: 1 Effective Date: 30th September 1966 Issued Date: Not Supplied Revocation Date: 9th January 1995 Discharge Type: Trade Discharge - Agricultural And Surface Discharge Environment: Unknown Receiving Water: Not Supplied **Status: Consent revoked: Discharge ceased (Water Resources Act 1991, Schedule 10 & 6)** Positional Accuracy: Located by supplier to within 100m	A14SW (NW)	697	2	391600 165395
5	**Discharge Consents** Operator: Gee & Sons Property Type: Undefined Or Other Location: Woodrow Farm, Forest, Melksham, Wilts Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 020863 Permit Version: 1 Effective Date: 30th September 1966 Issued Date: Not Supplied Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of River Bristol Avon **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A14SW (NW)	701	2	391600 165400
6	**Discharge Consents** Operator: Wessex Water Services Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Pumping Station At Bowerhill Lodgem Bower Hill Lodge Farm, Spa Road, Melksham, Wiltshire Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 012661 Permit Version: 1 Effective Date: 24th February 1995 Issued Date: 1st March 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Clackers Brook **Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12)** Positional Accuracy: Located by supplier to within 10m	A1NE (SW)	723	2	391300 163770

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Discharge Consents** Operator: Persimmon Homes Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Pumping Station At Bowerhill Lodgem Bower Hill Lodge Farm, Spa Road, Melksham, Wiltshire Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 012661 Permit Version: 1 Effective Date: 24th February 1995 Issued Date: 1st March 1995 Revocation Date: Not Supplied Discharge Type: Storm /emergency overflow Discharge Environment: Freshwater Stream/River Receiving Water: Clackers Brook **Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12)** Positional Accuracy: Located by supplier to within 100m	A1NE (SW)	723	2	391300 163770
7	**Discharge Consents** Operator: Mr T S Pearce Property Type: Undefined Or Other Location: Oakley Farm, Lower Forest Lane, Melksham, Wilts, Sn12 7rb Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 012433 Permit Version: 1 Effective Date: 11th April 1995 Issued Date: 18th April 1995 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Soakaway **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A15NE (NE)	806	2	392530 165580
8	**Discharge Consents** Operator: Wessex Water Services Ltd Property Type: Undefined Or Other Location: Awdry Avenue, Melksham Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: 011483 Permit Version: 1 Effective Date: 31st October 1989 Issued Date: Not Supplied Revocation Date: 9th June 1999 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: River Avon **Status: Temporary Consents (Water Act 1989, Section 113)** Positional Accuracy: Located by supplier to within 100m	A9SW (W)	875	2	390900 164700
9	**Discharge Consents** Operator: Mr Victor Oakman Property Type: SPORT, AMUSEMENT+RECREATION/GOLF CLUB/GYM/THEME PK/SPA Location: Forest Community Centre, Bowmans Court, Melksham, Wiltshire, Sn12 7ff Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: Eprub3132ax Permit Version: 1 Effective Date: 21st June 2013 Issued Date: 21st June 2013 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Groundwater **Status: New issued under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A9SW (W)	979	2	390800 164728

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	**Discharge Consents** Operator: Mrs Elisha Manassah Property Type: SPORT, AMUSEMENT+RECREATION/GOLF CLUB/GYM/THEME PK/SPA Location: Forest Community Centre, Bowmans Court, Melksham, Wiltshire, Sn12 7ff Authority: Environment Agency, South West Region Catchment Area: Bristol Avon Upper Reach Reference: Eprub3132ax Permit Version: 1 Effective Date: 21st June 2013 Issued Date: 21st June 2013 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Groundwater **Status: New issued under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A9SW (W)	979	2	390800 164728
10	**Prosecutions Relating to Controlled Waters** Location: Clackers Brook, Snarlton Farm, Melksham, Sn12 7qp Prosecution Text: Causing farm slurry to enter a watercourse Prosecution Act: Wra91 S85(1) Hearing Date: Not Supplied Verdict: Guilty Fine: 1800 Cost: 2736 Positional Accuracy: Manually positioned to the address or location	A3NE (S)	725	2	392346 163625
11	**Local Authority Pollution Prevention and Controls** Name: Murco Service Station Location: Sandridge Road, Melksham, Wiltshire, Sn12 7qw Authority: Wiltshire Council, Environmental Health Department Permit Reference: WCW/PS19 Dated: 5th February 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station **Status: Permitted** Positional Accuracy: Manually positioned to the address or location	A6SW (SW)	302	3	391537 164208
12	**Local Authority Pollution Prevention and Controls** Name: Renault Service Centre Location: Awdry Avenue, MELKSHAM, Wiltshire, BA Authority: Wiltshire Council, Environmental Health Department Permit Reference: WO15 Dated: 13th November 1996 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input **Status: Authorisation revoked** Positional Accuracy: Manually positioned to the road within the address or location	A9SE (W)	779	3	391029 164787
	Nearest Surface Water Feature	A6NE (S)	0	-	391971 164400
13	**Pollution Incidents to Controlled Waters** Property Type: No Premises Identified Location: Location Description Not Available, MELKSHAM, Wiltshire Authority: Environment Agency, South West Region Pollutant: Organic Chemicals : Diesel Fuels Note: Not Supplied Incident Date: 24th March 1999 Incident Reference: 34705 Catchment Area: Upper Avon Catchment (Above Sowe Confluence) Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A11SW (E)	115	2	392300 164600
14	**Substantiated Pollution Incident Register** Authority: Environment Agency - South West Region, Wessex Area Incident Date: 30th April 2018 Incident Reference: 1609766 Water Impact: Category 1 - Major Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Pollutant Not Identified: Not Identified	A2NW (SW)	739	2	391328 163717

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
14	**Substantiated Pollution Incident Register** Authority: Environment Agency - South West Region, Wessex Area Incident Date: 1st August 2018 Incident Reference: 1639391 Water Impact: Category 1 - Major Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage	A1NE (SW)	742	2	391315 163726
	Water Abstractions Operator: Cooper Tire & Rubber Company Europe Ltd Licence Number: 17/53/001/S/019 Permit Version: 101 Location: River Avon Melksham Authority: Environment Agency, South West Region Abstraction: Rubber: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st January 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1161	2	390590 164450
	Water Abstractions Operator: Cooper Tire & Rubber Company Europe Ltd Licence Number: 17/53/001/S/019 Permit Version: 101 Location: River Avon Melksham Authority: Environment Agency, South West Region Abstraction: Rubber: Process water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st January 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1161	2	390590 164450
	Water Abstractions Operator: Cooper Tire & Rubber Company Europe Ltd Licence Number: 17/53/001/S/019 Permit Version: 101 Location: River Avon Melksham Authority: Environment Agency, South West Region Abstraction: Rubber: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st January 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1161	2	390590 164450
	Water Abstractions Operator: Cooper-Avon Tyres Ltd Licence Number: 17/53/001/S/019 Permit Version: 100 Location: River Avon Melksham Authority: Environment Agency, South West Region Abstraction: Rubber: General Cooling (Existing Licences Only) (Low Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th March 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1161	2	390590 164450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Cooper-Avon Tyres Ltd Licence Number: 17/53/001/S/019 Permit Version: 100 Location: River Avon Melksham Authority: Environment Agency, South West Region Abstraction: Rubber: General Cooling (Existing Licences Only) (High Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th March 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1161	2	390590 164450
	Water Abstractions Operator: Cooper-Avon Tyres Ltd Licence Number: 17/53/001/S/019 Permit Version: 100 Location: River Avon Melksham Authority: Environment Agency, South West Region Abstraction: Rubber: Process water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: River Avon Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th March 1997 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1161	2	390590 164450
	Water Abstractions Operator: Mrs S Siebel Licence Number: 175301S144 Permit Version: Not Supplied Location: Green Pastures Ltd, Sandridge House, SANDRIDGE HIL Authority: Environment Agency, South West Region Abstraction: Unspecified Abstraction Type: Not Supplied Source: River Daily Rate (m3): 0 Yearly Rate (m3): 1 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16SE (NE)	1231	2	393300 165395
	Water Abstractions Operator: Mrs S Siebel Licence Number: 175301I144 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, South West Region Abstraction: Conservation/Rearing Of Wildfowl Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 0 Yearly Rate (m3): 0 Details: Unnamed Trib Of Avon Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16SE (NE)	1233	2	393300 165400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Sahara Sandpits Ltd Licence Number: 17/53/001/S/352 Permit Version: 100 Location: Sahara 2 Authority: Environment Agency, South West Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 25th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1621	2	393800 165100
	Water Abstractions Operator: Sahara Sandpits Ltd Licence Number: 175301S352 Permit Version: Not Supplied Location: MELKSHAM, Wiltshire, SN12 7QX Authority: Environment Agency, South West Region Abstraction: Sand And Gravel Washing Abstraction Type: Not Supplied Source: Spring Daily Rate (m3): 45 Yearly Rate (m3): 16592 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1621	2	393800 165100
	Water Abstractions Operator: W T G Guley Licence Number: 17/53/001/G/241 Permit Version: 100 Location: Melksham Authority: Environment Agency, South West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 25th March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(SW)	1763	2	390300 163400
	Water Abstractions Operator: H W Skinner Licence Number: 17/53/001/G/138 Permit Version: 100 Location: Beanacre Authority: Environment Agency, South West Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st August 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NW)	1949	2	390300 165800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A6NE (W)	0	4	392000 164537
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A7NW (SE)	0	4	392026 164537
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A7NW (SE)	0	4	392026 164537
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10SE (W)	0	2	391922 164549
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A10NE (NW)	161	2	391880 164890
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
15	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 626.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A10SE (W)	0	5	391917 164550
16	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 254.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A11SW (N)	0	5	392034 164809

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 213.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A11SW (N)	0	5	392034 164809
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 451.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A10NE (N)	221	5	391852 164975
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A10NE (N)	222	5	391851 164974
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A10NE (N)	223	5	391848 164972
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 145.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A10NE (NW)	224	5	391756 164899
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 18.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A10SE (NW)	300	5	391727 164876
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A10SE (NW)	300	5	391732 164880
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 69.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A3NW (S)	440	5	392164 163867
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 668.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A11NE (NE)	480	5	392559 165171

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1454.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A7SE (SE)	504	5	392374 163872
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A15SW (N)	517	5	392272 165357
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A15SW (N)	528	5	392273 165368
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 49.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A15SW (N)	531	5	392273 165371
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 186.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14SE (N)	537	5	391881 165366
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14SE (N)	551	5	391995 165401
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 115.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14SE (N)	552	5	391998 165403
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 166.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A15SE (NE)	565	5	392435 165359
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 54.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A15SE (NE)	565	5	392435 165359

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A3NW (S)	568	5	392083 163712
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A3NW (S)	569	5	392080 163711
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A3NW (S)	578	5	392037 163691
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 231.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A3NW (S)	579	5	392009 163680
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A15SW (N)	579	5	392281 165418
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 199.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A15SW (N)	580	5	392170 165433
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 28.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A2NE (S)	584	5	391730 163668
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 83.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14SE (N)	596	5	391838 165414
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 189.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clackers Brook Catchment Name: Avon Bristol Primacy: 1	A2NE (S)	598	5	391820 163643

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 26.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A2NE (S)	599	5	391783 163645
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 51.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clackers Brook Catchment Name: Avon Bristol Primacy: 1	A2NE (S)	599	5	391783 163645
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 937.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A15SW (N)	600	5	392101 165450
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A2NE (S)	604	5	391739 163646
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A15SE (NE)	604	5	392487 165377
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A2NE (S)	607	5	391737 163644
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 108.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A15SE (NE)	607	5	392491 165378
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A2NE (S)	612	5	391803 163630
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 104.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14SE (N)	614	5	391760 165400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 183.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clackers Brook Catchment Name: Avon Bristol Primacy: 1	A2NE (S)	616	5	391733 163635
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 70.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A2NE (S)	625	5	391804 163617
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 55.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A2NW (SW)	656	5	391556 163653
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 647.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clackers Brook Catchment Name: Avon Bristol Primacy: 1	A2NW (SW)	656	5	391556 163653
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 35.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14SE (N)	670	5	391784 165473
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1215.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A14SE (N)	698	5	391753 165490
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 128.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clackers Brook Catchment Name: Avon Bristol Primacy: 1	A2NE (S)	703	5	391919 163540
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A3SW (S)	772	5	392028 163489
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A2NW (SW)	775	5	391526 163536

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 22.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A3SW (S)	782	5	392019 163477
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 32.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A2SE (S)	786	5	391998 163468
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 56.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A12NW (NE)	791	5	392954 165083
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A12NW (NE)	791	5	392954 165083
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 253.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A9SW (W)	802	5	390957 164610
67	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 33.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A12NW (NE)	802	5	392962 165091
68	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A3SW (S)	813	5	392004 163442
69	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A2SE (S)	817	5	392001 163437
70	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 29.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clackers Brook Catchment Name: Avon Bristol Primacy: 1	A2SE (S)	818	5	391991 163435

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A12NW (NE)	832	5	392986 165114
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 36.0 Watercourse Level: Underground Permanent: True Watercourse Name: Clackers Brook Catchment Name: Avon Bristol Primacy: 1	A3SW (S)	843	5	392010 163412
73	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1133.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A12NW (NE)	843	5	392995 165120
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 56.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clackers Brook Catchment Name: Avon Bristol Primacy: 1	A3SW (S)	869	5	392040 163393
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 59.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A5SE (SW)	907	5	391005 163909
76	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 508.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clackers Brook Catchment Name: Avon Bristol Primacy: 1	A5SE (SW)	907	5	391005 163909
77	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A3SW (S)	913	5	392083 163357
78	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 717.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Clackers Brook Catchment Name: Avon Bristol Primacy: 1	A3SW (S)	913	5	392083 163357
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A3SW (S)	917	5	392083 163353

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 30.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Bristol Primacy: 1	A3SW (S)	960	5	392072 163307

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Lower Forest, Melksham, Wiltshire Name: Tip at Hack Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD09711 First Input Date: Not Supplied Last Input Date: 31st December 1978 Specified Waste Type: Deposited Waste included Unknown Material EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: W/77/0009/WD	A12SE (E)	878	2	393111 164559
82	**Historical Landfill Sites** Licence Holder: Bath Waste Disposal Services Limited Location: Brickyard Plantation, Sandridge Hill, Near Melksham, Wiltshire Name: Brickyard Plantation Operator Location: Beezer House, 2 Midland Bridge Road, Bath, Avon Boundary Accuracy: As Supplied Provider Reference: EAHLD08972 First Input Date: 1st January 1977 Last Input Date: 1st January 1984 Specified Waste Type: Deposited Waste included Inert, Industrial and Commercial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 3900/3039 BGS Ref: Not Supplied Other Ref: W/77/0023/WD	A12SE (E)	881	2	393113 164560
	Local Authority Landfill Coverage Name: Wiltshire County Council - Has supplied landfill data		0	7	392026 164537
	Local Authority Landfill Coverage Name: West Wiltshire District Council - Has no landfill data to supply		0	6	392026 164537
83	**Local Authority Recorded Landfill Sites** Location: Tip At Melksham Reference: Not Supplied Authority: Wiltshire County Council (now part of Wiltshire Council) **Last Reported Status: Not Supplied** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Applicable	A9SW (W)	904	7	390900 164800
84	**Local Authority Recorded Landfill Sites** Location: Hack Farm , Lower Forest, Melksham Reference: Not Supplied Authority: Wiltshire County Council (now part of Wiltshire Council) **Last Reported Status: Closed** Types of Waste: Not Supplied Date of Closure: 1978 Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Applicable	A8NE (E)	958	7	393202 164501
85	**Local Authority Recorded Landfill Sites** Location: Bath Waste Disposal , Brickyard Plantation, Sandridge Hill, Melksham Reference: Not Supplied Authority: Wiltshire County Council (now part of Wiltshire Council) **Last Reported Status: Closed** Types of Waste: Construction Date of Closure: 1984 Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Applicable	A12SE (E)	975	7	393200 164601
86	**Potentially Infilled Land (Non-Water)** Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A9SW (W)	909	-	390907 164832
87	**Potentially Infilled Land (Non-Water)** Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A9SW (W)	918	-	390857 164708

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1942	A6NE (W)	0	-	391755 164484
89	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A6NE (SW)	0	-	391885 164436
90	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A7NW (E)	9	-	392089 164513
91	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A11SW (E)	14	-	392164 164592
92	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A11SW (N)	14	-	392018 164805
93	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A6NE (W)	66	-	391701 164437
94	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1942	A10SE (W)	78	-	391709 164568
95	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1942	A6NW (W)	177	-	391574 164473
96	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1942	A10SW (W)	208	-	391645 164688
97	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A7NE (E)	325	-	392577 164392
98	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1888	A6SW (SW)	441	-	391393 164195
99	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A10NW (NW)	488	-	391542 164972
100	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1888	A6SW (SW)	496	-	391367 164113
101	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1888	A2NW (SW)	501	-	391614 163798
102	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1942	A10NW (NW)	507	-	391497 164961
103	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1942	A10NW (NW)	515	-	391450 164933
104	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A8NW (E)	520	-	392772 164373
105	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A3NW (S)	549	-	392210 163767
106	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1942	A9SE (W)	587	-	391233 164772
107	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1888	A6SW (SW)	605	-	391370 163871
108	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1942	A9SE (W)	663	-	391146 164767

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1888	A5SE (W)	686	-	391133 164187
110	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1942	A9NE (W)	718	-	391152 164890
111	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A8NW (E)	737	-	392981 164260
112	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A3NE (S)	741	-	392346 163608
113	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1942	A9NE (NW)	758	-	391190 165007
114	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1888	A5SE (SW)	785	-	391049 164128
115	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1888	A1NE (SW)	838	-	391166 163757
116	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1888	A5SW (W)	878	-	390932 164176
117	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1942	A9NE (NW)	883	-	391031 165005
118	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1888	A1NE (SW)	891	-	391052 163843
119	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A4NW (SE)	903	-	392954 163803
120	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1888	A5NW (W)	919	-	390858 164276
121	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1888	A5SE (SW)	922	-	390993 163901
122	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A14NE (N)	932	-	391668 165707
123	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1888	A5SW (SW)	975	-	390926 163923
124	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A2SW (SW)	995	-	391422 163342

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Kellaways Formation And Oxford Clay Formation (Undifferentiated)	A7NW (SE)	0	1	392026 164537
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A7NW (SE)	0	1	392026 164537
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A10NE (N)	199	1	391953 165040
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A7SW (S)	269	1	392026 164000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A3NW (S)	637	1	392097 163635
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A2NE (S)	676	1	391784 163567
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A15NW (N)	719	1	392106 165569

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A12NW (NE)	816	1	393000 165000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A3SW (S)	853	1	392052 163411
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A2SE (S)	873	1	392000 163380
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SE (E)	958	1	393172 164641
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A9NW (NW)	970	1	390923 165000
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	0	1	392026 164537

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	148	1	392026 165000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	0	1	392026 164537
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	148	1	392026 165000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	0	1	392026 164537
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	148	1	392026 165000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	0	1	392026 164537
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	148	1	392026 165000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	0	1	392026 164537
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	148	1	392026 165000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	0	1	392026 164537
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	148	1	392026 165000
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	0	1	392026 164537
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A7NW (SE)	0	1	392026 164537

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
125	**Contemporary Trade Directory Entries** Name: Automated Doorways Ltd Location: 20, Redwing Road, Melksham, SN12 7GB Classification: Door Manufacturers - Industrial **Status: Active** Positional Accuracy: Automatically positioned to the address	A6SE (S)	91	-	391954 164172
126	**Contemporary Trade Directory Entries** Name: Melksham Plant Services Ltd Location: Lansdown Cl, Melksham, Wiltshire, SN12 7JR Classification: Plant & Machinery Repairs **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A6NW (W)	107	-	391648 164462
127	**Contemporary Trade Directory Entries** Name: Clarks Cleaning Services Location: 63, Ingram Road, Melksham, Wiltshire, SN12 7JH Classification: Carpet, Curtain & Upholstery Cleaners **Status: Active** Positional Accuracy: Automatically positioned to the address	A6SE (SW)	275	-	391665 164037
127	**Contemporary Trade Directory Entries** Name: Oakfair Ltd Location: 53, Ingram Road, Melksham, Wiltshire, SN12 7JH Classification: Damp & Dry Rot Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A6SW (SW)	281	-	391631 164064
128	**Contemporary Trade Directory Entries** Name: All Care Cleaning Services Location: 77b, Ingram Road, Melksham, SN12 7JH Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A6SE (SW)	285	-	391705 163994
129	**Contemporary Trade Directory Entries** Name: Texaco Location: Snarlton Lane, Melksham, SN12 7QW Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A6SW (SW)	298	-	391545 164200
129	**Contemporary Trade Directory Entries** Name: Texaco Location: Snarlton Lane, Melksham, SN12 7QW Classification: Petrol Filling Stations **Status: Active** Positional Accuracy: Automatically positioned to the address	A6SW (SW)	298	-	391545 164200
129	**Contemporary Trade Directory Entries** Name: Q-Tech Auto Sales Location: Snarlton Lane, Melksham, Wiltshire, SN12 7QW Classification: Car Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A6SW (SW)	298	-	391545 164201
129	**Contemporary Trade Directory Entries** Name: Murco Petroleum Ltd Location: Snarlton Lane, Melksham, Wiltshire, SN12 7QW Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A6SW (SW)	298	-	391545 164201
130	**Contemporary Trade Directory Entries** Name: Bill Miles Mobile Mechanic Location: 20, Maple Close, Melksham, SN12 7JP Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A6NW (SW)	310	-	391501 164278
131	**Contemporary Trade Directory Entries** Name: J F R Sheate & Sons Location: Church Farm, Church Lane, Melksham, Wiltshire, SN12 7EE Classification: Dairies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A6NW (W)	319	-	391459 164361
132	**Contemporary Trade Directory Entries** Name: J W Recovery Location: 5, Churchill Avenue, Melksham, Wiltshire, SN12 7JL Classification: Car Breakdown & Recovery Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A6NW (W)	320	-	391430 164498

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
133	**Contemporary Trade Directory Entries** Name: Katy Wilkinson Jewellery Location: 5, Skylark Road, Melksham, SN12 7FP Classification: Jewellery Manufacturers & Repairers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SW (S)	337	-	392152 163971
134	**Contemporary Trade Directory Entries** Name: Forest Laundromatt Location: 18, Church Lane, Melksham, Wiltshire, SN12 7EE Classification: Laundries & Launderettes **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A6NW (W)	339	-	391415 164443
134	**Contemporary Trade Directory Entries** Name: Forest Laundrette Location: 18a, Church Lane, Melksham, SN12 7EE Classification: Dry Cleaners **Status: Active** Positional Accuracy: Automatically positioned to the address	A6NW (W)	342	-	391412 164447
135	**Contemporary Trade Directory Entries** Name: Stainers Transport Location: 3, Dean Close, MELKSHAM, Wiltshire, SN12 7EZ Classification: Road Haulage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A10SW (W)	373	-	391388 164586
136	**Contemporary Trade Directory Entries** Name: R S Pullin Location: 329, Snarlton Lane, Melksham, Wiltshire, SN12 7QP Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A6SE (S)	386	-	391969 163872
136	**Contemporary Trade Directory Entries** Name: Mitchells Wiltshire Land Rovers Location: 329, Snarlton Lane, Melksham, SN12 7QP Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A6SE (S)	387	-	391969 163871
137	**Contemporary Trade Directory Entries** Name: Sandy'S Services Location: 5, Montague Place, Melksham, Wiltshire, SN12 7DA Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A6NW (W)	417	-	391372 164314
138	**Contemporary Trade Directory Entries** Name: Myers Cleaning Services Ltd Location: 51, Foresters Park Road, Melksham, Wiltshire, SN12 7RW Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A6SW (SW)	486	-	391521 163882
139	**Contemporary Trade Directory Entries** Name: Crescent Location: 3, Crescent Road, Melksham, Wiltshire, SN12 7EU Classification: Ironing & Home Laundry Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SE (W)	492	-	391298 164687
140	**Contemporary Trade Directory Entries** Name: The House Keeping Company Location: 65, SANDRIDGE ROAD, MELKSHAM, SN12 7BL Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A5SE (SW)	515	-	391309 164204
141	**Contemporary Trade Directory Entries** Name: Meraki Life Ltd Location: 20, Corncockle Close, Melksham, SN12 7GJ Classification: Blinds, Awnings & Canopies **Status: Active** Positional Accuracy: Automatically positioned to the address	A2NW (SW)	531	-	391656 163745
142	**Contemporary Trade Directory Entries** Name: Mch Location: 28, Tower Road, Melksham, Wiltshire, SN12 7JG Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A5SE (SW)	565	-	391303 164087

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	**Contemporary Trade Directory Entries** Name: Meads Location: 122, Forest Road, Melksham, Wiltshire, SN12 7AE Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A9SE (W)	571	-	391206 164666
143	**Contemporary Trade Directory Entries** Name: Old Gits Garage Location: Unit 3, 122 Forest Road, Melksham, Wiltshire, SN12 7AE Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A9SE (W)	577	-	391202 164673
144	**Contemporary Trade Directory Entries** Name: Mobile Plumbers Ltd Location: 52, Barnwell Road, Melksham, Wiltshire, SN12 7DG Classification: Boilers - Servicing, Replacements & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SE (W)	576	-	391181 164583
145	**Contemporary Trade Directory Entries** Name: Roadrunner Vehicle Repairs Ltd Location: Manor Farm, Sandridge Common, Melksham, SN12 7QT Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SW (E)	597	-	392795 164631
146	**Contemporary Trade Directory Entries** Name: Guy Morse-Brown Hatblocks Ltd Location: 2, Snarlton Farm, Snarlton Lane, Melksham, Wiltshire, SN12 7QP Classification: Millinery Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A3NW (S)	617	-	392254 163709
147	**Contemporary Trade Directory Entries** Name: Vehicle Air Conditioning Location: 205, Woodrow Road, Forest, Melksham, Wiltshire, SN12 7RD Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (N)	626	-	391901 165463
148	**Contemporary Trade Directory Entries** Name: Andrew Missen Location: 206, Woodrow, Forest, Melksham, Wiltshire, SN12 7RD Classification: Engineers - General **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A15SW (N)	642	-	392018 165494
149	**Contemporary Trade Directory Entries** Name: Fabcut Technical Services Location: 168, Woodrow, Forest, Melksham, Wiltshire, SN12 7RG Classification: Machinery - Industrial & Commercial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A10NW (NW)	692	-	391370 165096
150	**Contemporary Trade Directory Entries** Name: Public Collection Service Location: 50, Forest Road, Melksham, Wiltshire, SN12 7AB Classification: Reclaiming - Waste Products **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A5NE (W)	693	-	391057 164507
151	**Contemporary Trade Directory Entries** Name: Jp Vehicle Services Location: 79, Primrose Drive, Melksham, Wiltshire, SN12 6GD Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A2NW (SW)	779	-	391332 163658
152	**Contemporary Trade Directory Entries** Name: A1 Ironing Location: 9, Murray Walk, Melksham, Wiltshire, SN12 7AZ Classification: Ironing & Home Laundry Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A5NW (W)	835	-	390916 164466
153	**Contemporary Trade Directory Entries** Name: Sugar Craft Creations Location: 14, Heather Avenue, Melksham, SN12 6GA Classification: Catering Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A1SE (SW)	897	-	391317 163519

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
154	**Fuel Station Entries** Name: Mfg Melksham Location: Sandridge Road Snarlton Lane, , Melksham, Wiltshire, SN12 7QW Brand: Texaco Premises Type: Petrol Station **Status: Open** Positional Accuracy: Manually positioned to the address or location	A6SW (SW)	304	-	391535 164208
155	**Points of Interest - Commercial Services** Name: Car Wash Location: Sandridge Road, Snarlton Lane, Melksham, Wiltshire, SN12 7QW Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A6SW (SW)	298	8	391545 164201
155	**Points of Interest - Commercial Services** Name: Mfg Melksham Location: Sandridge Road, Snarlton Lane, Melksham, SN12 7QW Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A6SW (SW)	304	8	391535 164208
156	**Points of Interest - Commercial Services** Name: Bill Miles Mobile Mechanic Location: 20 Maple Close, Melksham, SN12 7JP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A6NW (SW)	310	8	391501 164278
157	**Points of Interest - Commercial Services** Name: Stainers Transport Location: 3 Dean Close, Melksham, SN12 7EZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A10SW (W)	373	8	391389 164585
158	**Points of Interest - Commercial Services** Name: Mitchells (Wiltshire) Land Rovers Location: 329 Snarlton Lane, Melksham, SN12 7QP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A6SE (S)	386	8	391969 163872
158	**Points of Interest - Commercial Services** Name: R S Pullin Location: 329 Snarlton Lane, Melksham, SN12 7QP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A6SE (S)	386	8	391968 163871
158	**Points of Interest - Commercial Services** Name: Mitchells Wiltshire Land Rovers Location: 329 Snarlton Lane, Melksham, SN12 7QP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A6SE (S)	387	8	391968 163871
159	**Points of Interest - Commercial Services** Name: Wiltshire Windscreens Location: 4 The Crays, Melksham, SN12 7BZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A5NE (W)	473	8	391314 164311
160	**Points of Interest - Commercial Services** Name: Mike Ward Pest Control Services Location: 7 Short Street, Melksham, SN12 7EY Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A10SW (NW)	478	8	391407 164830
161	**Points of Interest - Commercial Services** Name: Meads Location: 122 Forest Road, Melksham, SN12 7AE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9SE (W)	575	8	391202 164667
161	**Points of Interest - Commercial Services** Name: Old Gits Garage Location: Unit 3, 122 Forest Road, Melksham, SN12 7AE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9SE (W)	577	8	391202 164673

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
162	**Points of Interest - Commercial Services** Name: Roadrunner Vehicle Repairs Ltd Location: Manor Farm, Sandridge Common, SN12 7QT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (E)	597	8	392795 164631
163	**Points of Interest - Commercial Services** Name: Vehicle Air Conditioning Location: 205 Woodrow Road, Forest, Melksham, SN12 7RD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (N)	626	8	391901 165463
164	**Points of Interest - Commercial Services** Name: Public Collection Services Location: 50 Forest Road, Melksham, SN12 7AB Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A5NE (W)	693	8	391057 164507
165	**Points of Interest - Commercial Services** Name: Renault 5 Centre Location: 8 Forest Road, Melksham, SN12 7AA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A5NW (W)	851	8	390914 164334
166	**Points of Interest - Manufacturing and Production** Name: M D Keen Location: Sandridge Common, Melksham, SN12 7QS Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A7NE (E)	268	8	392518 164406
167	**Points of Interest - Public Infrastructure** Name: Texaco Location: Snarlton Lane, Melksham, SN12 7QW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A6SW (SW)	298	8	391545 164200
167	**Points of Interest - Public Infrastructure** Name: Texaco Location: Snarlton Lane, Melksham, SN12 7QW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A6SW (SW)	298	8	391545 164200
167	**Points of Interest - Public Infrastructure** Name: Melksham Murco Service Station Location: Snarlton Lane, Melksham, SN12 7QW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A6SW (SW)	298	8	391545 164201
167	**Points of Interest - Public Infrastructure** Name: Mfg Melksham Location: Sandridge Road, Snarlton Lane, Melksham, SN12 7QW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A6SW (SW)	304	8	391535 164208
168	**Points of Interest - Public Infrastructure** Name: Slurry Bed Location: SN12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SW (E)	508	8	392700 164679
168	**Points of Interest - Public Infrastructure** Name: Slurry Pit Location: SN12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SW (E)	527	8	392718 164677
169	**Points of Interest - Public Infrastructure** Name: Sewage Pumping Station Location: SN12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A9SE (W)	637	8	391200 164815

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
170	**Points of Interest - Public Infrastructure** Name: Sludge Tank Location: SN12 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A3NE (S)	820	8	392416 163549
171	**Points of Interest - Recreational and Environmental** Name: Play Area Location: SN12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A6NE (SW)	35	8	391742 164416
172	**Points of Interest - Recreational and Environmental** Name: Play Area Location: SN12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A6SE (SW)	163	8	391783 164091
173	**Points of Interest - Recreational and Environmental** Name: Play Area Location: SN12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A2NE (S)	398	8	391834 163842
174	**Points of Interest - Recreational and Environmental** Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A6SW (SW)	472	8	391548 163877
174	**Points of Interest - Recreational and Environmental** Name: Play Area Location: Brecon Close, SN12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A6SW (SW)	474	8	391547 163875
175	**Points of Interest - Recreational and Environmental** Name: Play Area Location: SN12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A5SE (SW)	878	8	391028 163930
176	**Points of Interest - Recreational and Environmental** Name: Play Area Location: SN12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9SW (W)	891	8	390889 164724
177	**Points of Interest - Recreational and Environmental** Name: Play Area Location: SN12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A1SE (SW)	951	8	391214 163533
177	**Points of Interest - Recreational and Environmental** Name: Play Area Location: SN12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A1NE (SW)	956	8	391185 163553
178	**Points of Interest - Recreational and Environmental** Name: Methuen Safe Play Area Location: Methuen Avenue, SN12 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A9NW (NW)	964	8	390952 165034
179	**Points of Interest - Recreational and Environmental** Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A5SW (SW)	990	8	390871 164021

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
West Wiltshire District Council (now part of Wiltshire Council) - Environmental Health Department	June 2008	Not Applicable
Environment Agency - Head Office	June 2020	Annually
North Wiltshire District Council (now part of Wiltshire Council) - Environmental Services	May 2008	
Wiltshire Council - Environmental Health Department	October 2017	Annually
Kennet District Council (now part of Wiltshire Council) - Environment and Community Safety Services	September 2017	
Discharge Consents		
Environment Agency - South West Region	April 2023	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - South West Region	March 2013	
Integrated Pollution Controls		
Environment Agency - South West Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - South West Region	January 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Kennet District Council (now part of Wiltshire Council) - Environmental Health Department	February 2009	Not Applicable
West Wiltshire District Council (now part of Wiltshire Council) - Environmental Health Department	July 2008	Not Applicable
Wiltshire Council - Environmental Health Department	July 2015	Variable
North Wiltshire District Council (now part of Wiltshire Council) - Environmental Services	September 2008	Not Applicable
Local Authority Pollution Prevention and Controls		
Kennet District Council (now part of Wiltshire Council) - Environmental Health Department	February 2009	Not Applicable
West Wiltshire District Council (now part of Wiltshire Council) - Environmental Health Department	July 2008	Not Applicable
Wiltshire Council - Environmental Health Department	July 2015	Annually
North Wiltshire District Council (now part of Wiltshire Council) - Environmental Services	September 2008	Not Applicable
Local Authority Pollution Prevention and Control Enforcements		
Kennet District Council (now part of Wiltshire Council) - Environmental Health Department	February 2009	Not Applicable
West Wiltshire District Council (now part of Wiltshire Council) - Environmental Health Department	July 2008	Not Applicable
Wiltshire Council - Environmental Health Department	July 2015	Variable
North Wiltshire District Council (now part of Wiltshire Council) - Environmental Services	September 2008	Not Applicable
Nearest Surface Water Feature		
Ordnance Survey	April 2023	
Pollution Incidents to Controlled Waters		
Environment Agency - South West Region	September 1999	
Prosecutions Relating to Authorised Processes		
Environment Agency - South West Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - South West Region	March 2013	
Registered Radioactive Substances		
Environment Agency - South West Region	June 2016	As notified
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register		
Environment Agency - South West Region - North Wessex Area	April 2023	Quarterly
Environment Agency - South West Region - South Wessex Area	April 2023	Quarterly
Environment Agency - South West Region - Wessex Area	April 2023	Quarterly

Data Currency

Agency & Hydrological	Version	Update Cycle
Water Abstractions Environment Agency - South West Region	April 2023	Quarterly
Water Industry Act Referrals Environment Agency - South West Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2023	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	April 2023	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites		
Environment Agency - Head Office	March 2023	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - South West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South West Region - North Wessex Area	January 2023	Quarterly
Environment Agency - South West Region - South Wessex Area	January 2023	Quarterly
Environment Agency - South West Region - Wessex Area	January 2023	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South West Region - North Wessex Area	January 2023	Quarterly
Environment Agency - South West Region - South Wessex Area	January 2023	Quarterly
Environment Agency - South West Region - Wessex Area	January 2023	Quarterly
Local Authority Landfill Coverage		
Kennet District Council (now part of Wiltshire Council) - Environmental Health Department	February 2003	Not Applicable
North Wiltshire District Council (now part of Wiltshire Council) - Environmental Services	February 2003	Not Applicable
West Wiltshire District Council (now part of Wiltshire Council) - Environmental Health Department	February 2003	Not Applicable
Wiltshire County Council (now part of Wiltshire Council)	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Kennet District Council (now part of Wiltshire Council) - Environmental Health Department	October 2018	
North Wiltshire District Council (now part of Wiltshire Council) - Environmental Services	October 2018	
West Wiltshire District Council (now part of Wiltshire Council) - Environmental Health Department	October 2018	
Wiltshire County Council (now part of Wiltshire Council)	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	
Registered Landfill Sites		
Environment Agency - South West Region - North Wessex Area	March 2006	Not Applicable
Environment Agency - South West Region - South Wessex Area	March 2006	Not Applicable
Environment Agency - South West Region - Wessex Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - South West Region - North Wessex Area	April 2018	
Environment Agency - South West Region - South Wessex Area	April 2018	
Environment Agency - South West Region - Wessex Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - South West Region - North Wessex Area	June 2015	
Environment Agency - South West Region - South Wessex Area	June 2015	
Environment Agency - South West Region - Wessex Area	June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	March 2023	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Wiltshire County Council (now part of Wiltshire Council)	December 2008	Annual Rolling Update
Kennet District Council (now part of Wiltshire Council)	June 2008	Not Applicable
North Wiltshire District Council (now part of Wiltshire Council)	June 2009	Not Applicable
Wiltshire Council - Planning Department	June 2023	Variable
West Wiltshire District Council (now part of Wiltshire Council)	September 2009	Not Applicable
Planning Hazardous Substance Consents		
Wiltshire County Council (now part of Wiltshire Council)	December 2008	Annual Rolling Update
Wiltshire Council - Planning Department	February 2016	Variable
Kennet District Council (now part of Wiltshire Council)	June 2008	Not Applicable
North Wiltshire District Council (now part of Wiltshire Council)	June 2009	Not Applicable
West Wiltshire District Council (now part of Wiltshire Council)	September 2009	Not Applicable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	June 2023	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	
Cheshire Brine Subsidence Compensation Board (CBSCB)	November 2020	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability		
Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	September 2022	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	September 2022	Annually

Data Currency

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	June 2023	Quarterly
Points of Interest - Education and Health PointX	June 2023	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2023	Quarterly
Points of Interest - Public Infrastructure PointX	June 2023	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2023	Quarterly
Underground Electrical Cables National Grid	February 2023	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	April 2023	Bi-Annually
Areas of Adopted Green Belt		
Kennet District Council (now part of Wiltshire Council)	July 2022	Quarterly
North Wiltshire District Council (now part of Wiltshire Council)	July 2022	Quarterly
West Wiltshire District Council (now part of Wiltshire Council)	July 2022	Quarterly
Wiltshire Council - Planning Department	July 2022	Quarterly
Areas of Unadopted Green Belt		
Kennet District Council (now part of Wiltshire Council)	July 2022	Quarterly
North Wiltshire District Council (now part of Wiltshire Council)	July 2022	Quarterly
West Wiltshire District Council (now part of Wiltshire Council)	July 2022	Quarterly
Wiltshire Council - Planning Department	July 2022	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	April 2023	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	
Forest Parks		
Forestry Commission	May 2023	Not Applicable
Local Nature Reserves		
Natural England	March 2023	Bi-Annually
Marine Nature Reserves		
Natural England	April 2023	Bi-Annually
National Nature Reserves		
Natural England	February 2023	Bi-Annually
National Parks		
Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	March 2023	Bi-Annually
Ramsar Sites		
Natural England	March 2023	Bi-Annually
Sites of Special Scientific Interest		
Natural England	March 2023	Bi-Annually
Special Areas of Conservation		
Natural England	April 2023	Bi-Annually
Special Protection Areas		
Natural England	April 2023	Bi-Annually

Data Suppliers

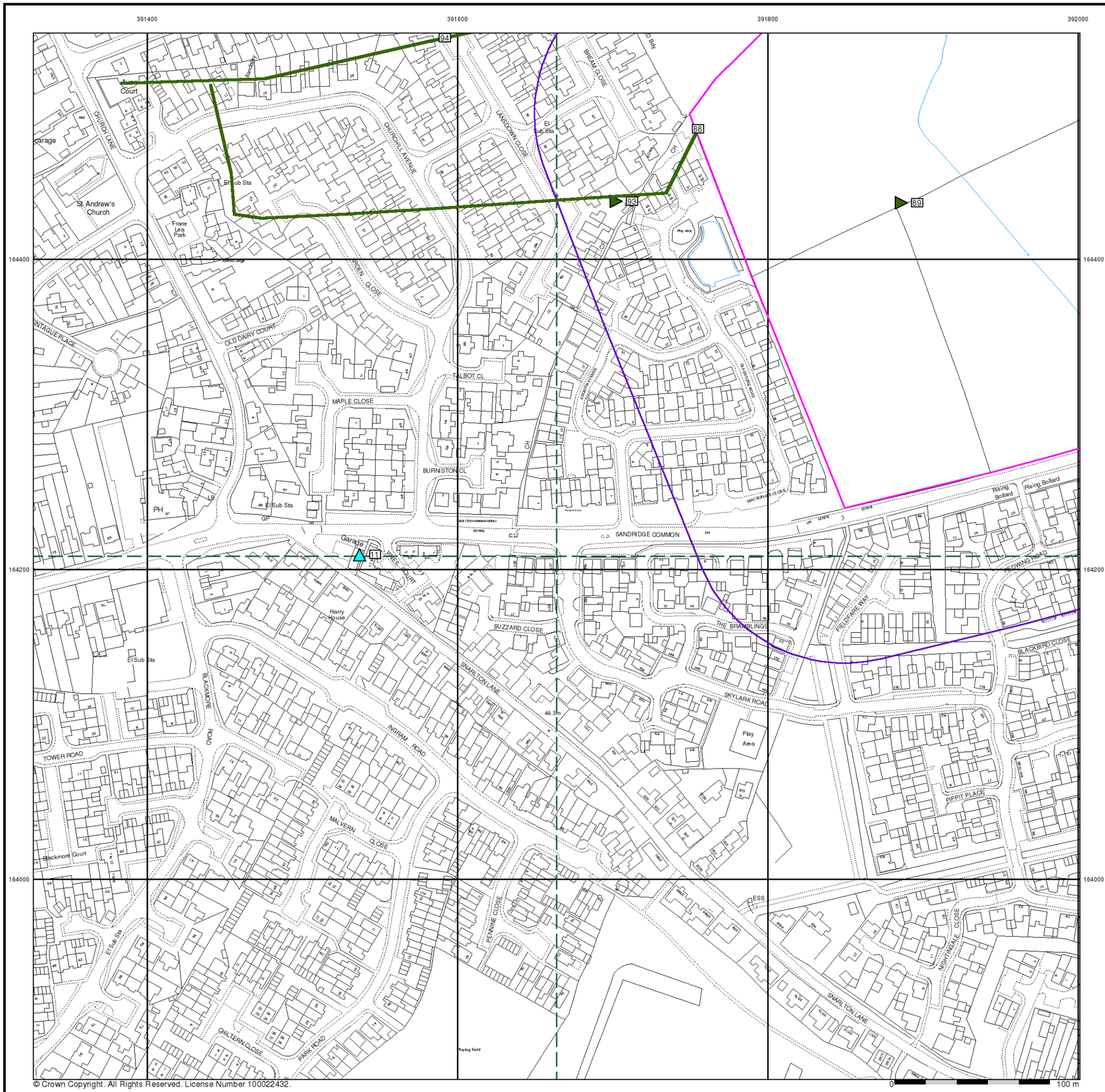
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Wiltshire Council - Environmental Health Department** County Hall, Bythesea Road, Trowbridge, Wiltshire, BA14 8JN	Telephone: 01225 713000 Email: customerservices@wiltshire.gov.uk Website: www.wiltshire.gov.uk
4	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	**West Wiltshire District Council (now part of Wiltshire Council) - Environmental Health Department** County Hall, Bythesea Road, Trowbridge, Wiltshire, BA14 8JN	Telephone: 0300 456 0100 Website: www.wiltshire.gov.uk
7	**Wiltshire County Council (now part of Wiltshire Council)** County Hall, Bythesea Road, Trowbridge, Wiltshire, BA14 8JN	Telephone: 01225 713000 Email: communications@wiltshire.gov.uk Website: www.wiltshire.gov.uk
8	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.



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LANDMARK INFORMATION GROUP®

General

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

Agency and Hydrological

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

Waste

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

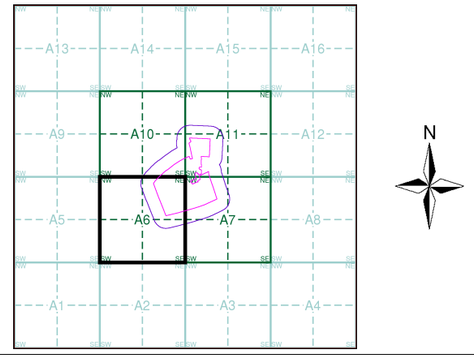
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A6



Order Details

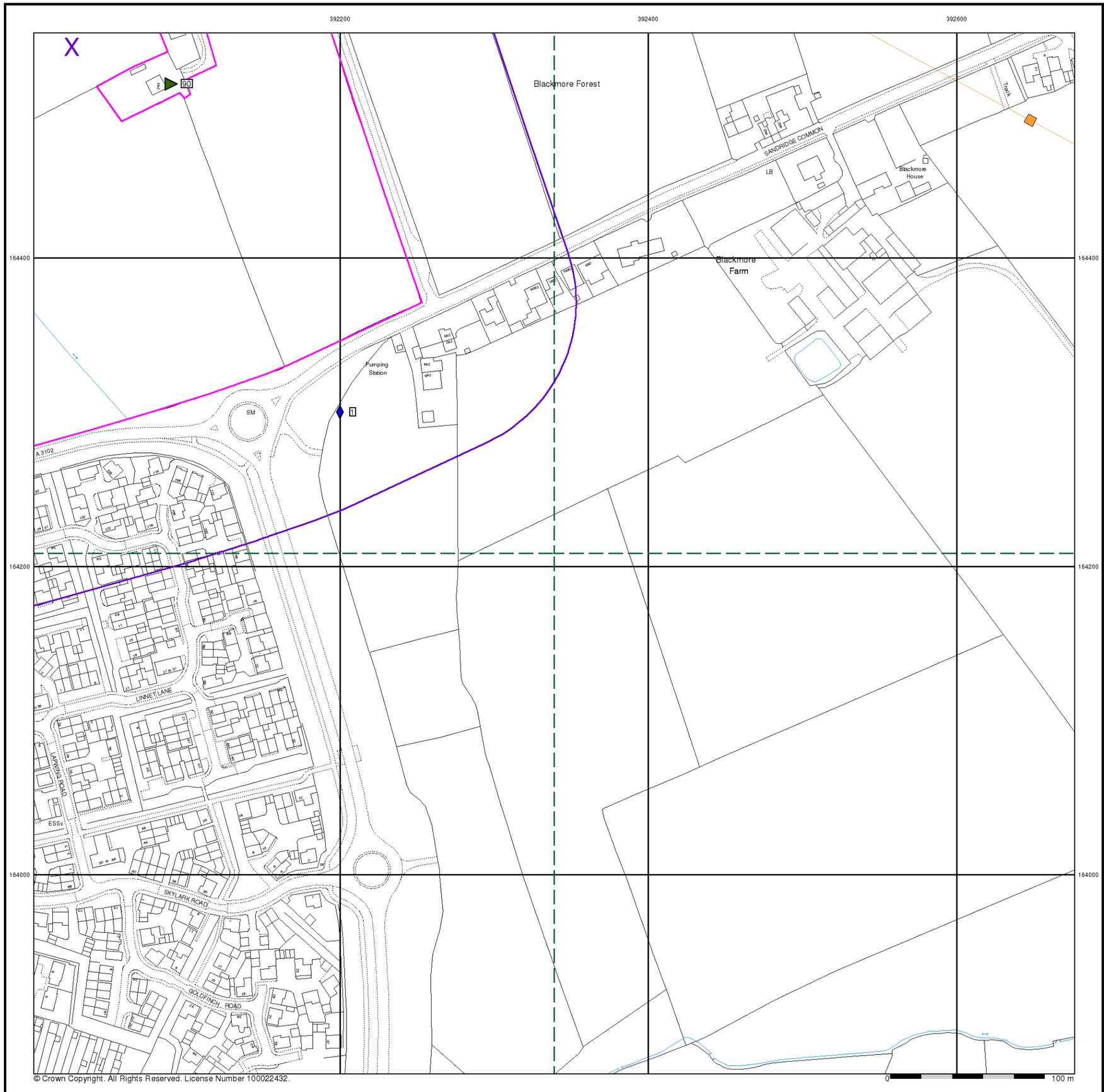
Order Number:	313423348_1_1
Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Plot Buffer (m):	100

Site Details

Site at 392040, 164540

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General

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

Agency and Hydrological

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

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

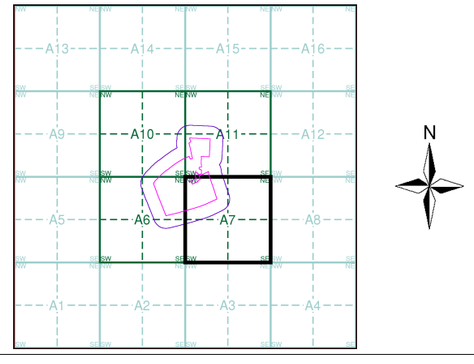
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Segment A7



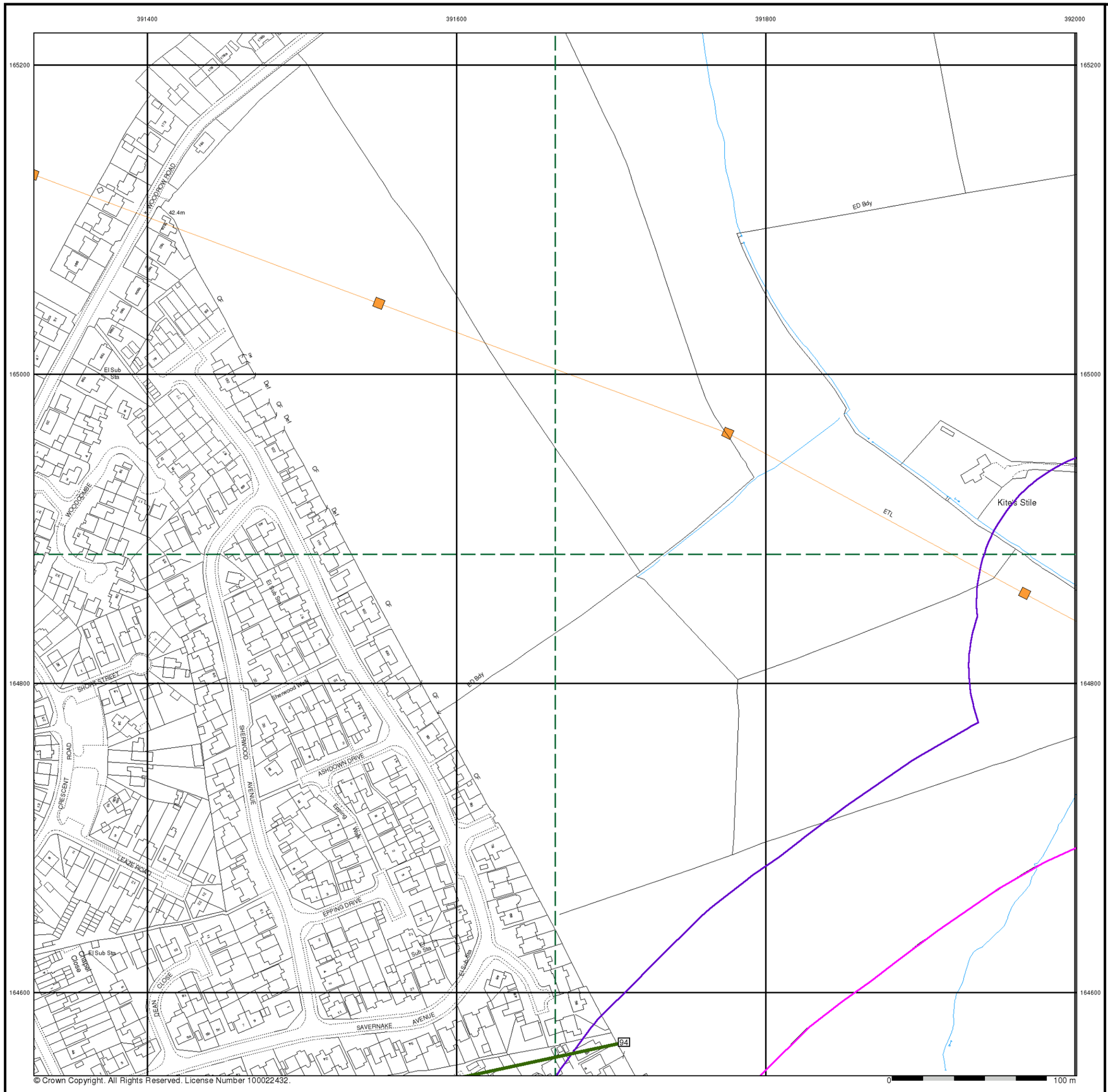
Order Details

Order Number:	313423348_1_1
Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Plot Buffer (m):	100

Site Details

Site at 392040, 164540

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

Agency and Hydrological

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

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

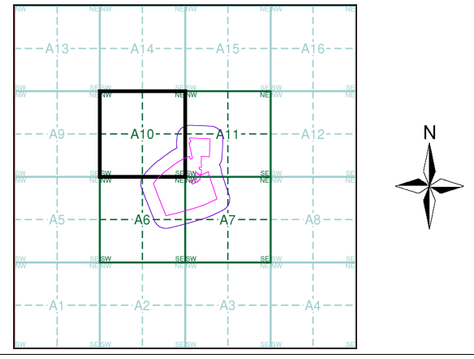
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Segment A10



Order Details

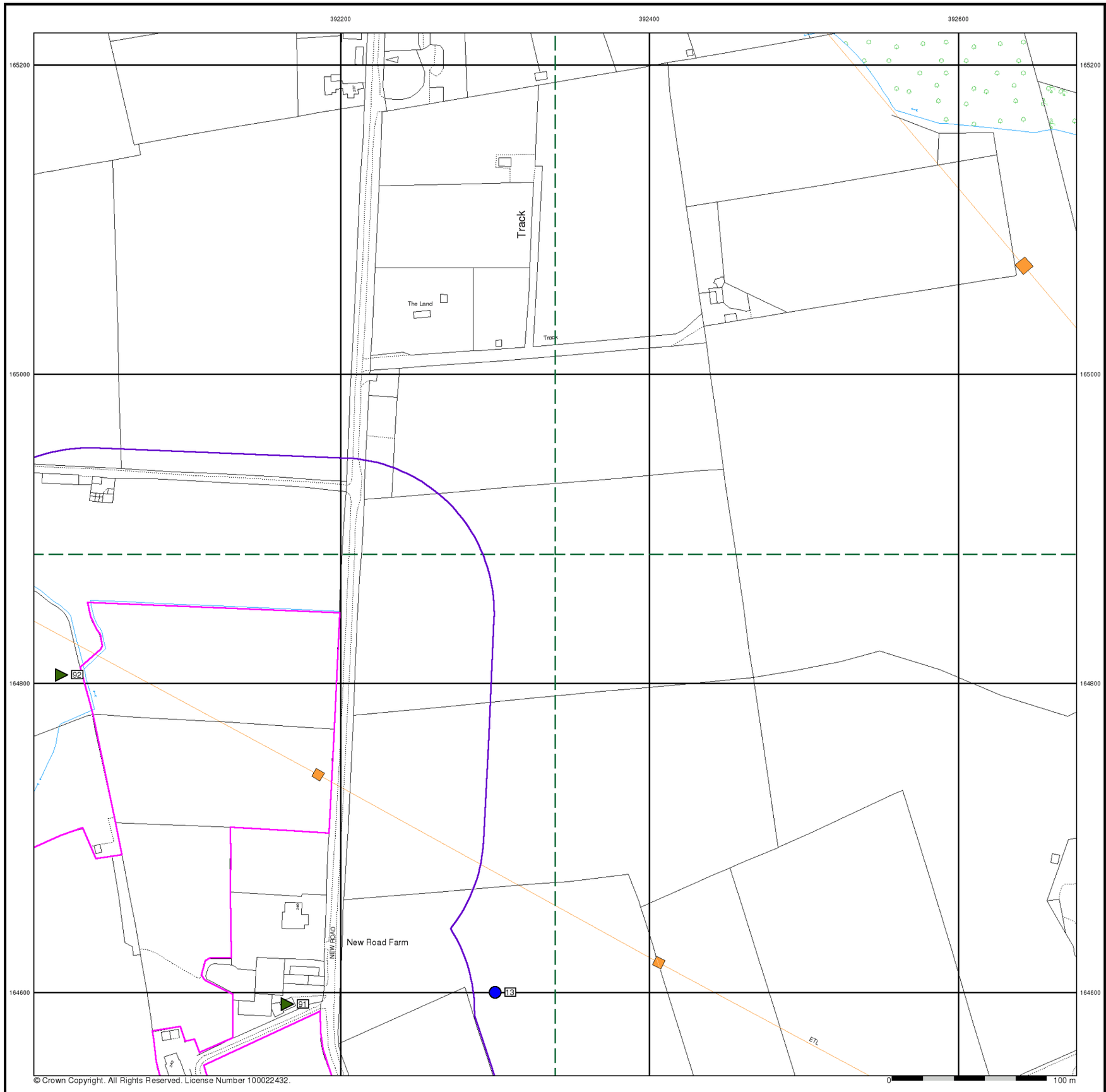
Order Number:	313423348_1_1
Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Plot Buffer (m):	100

Site Details

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

Agency and Hydrological

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

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

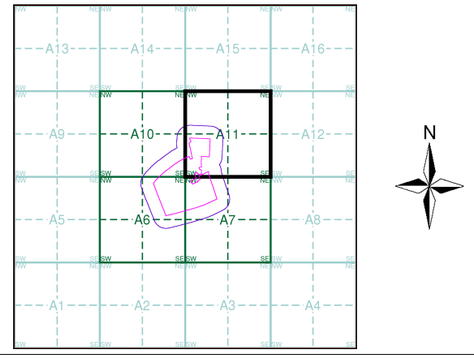
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
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- Potentially Infilled Land (Non-water)
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- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Site Sensitivity Map - Segment A11



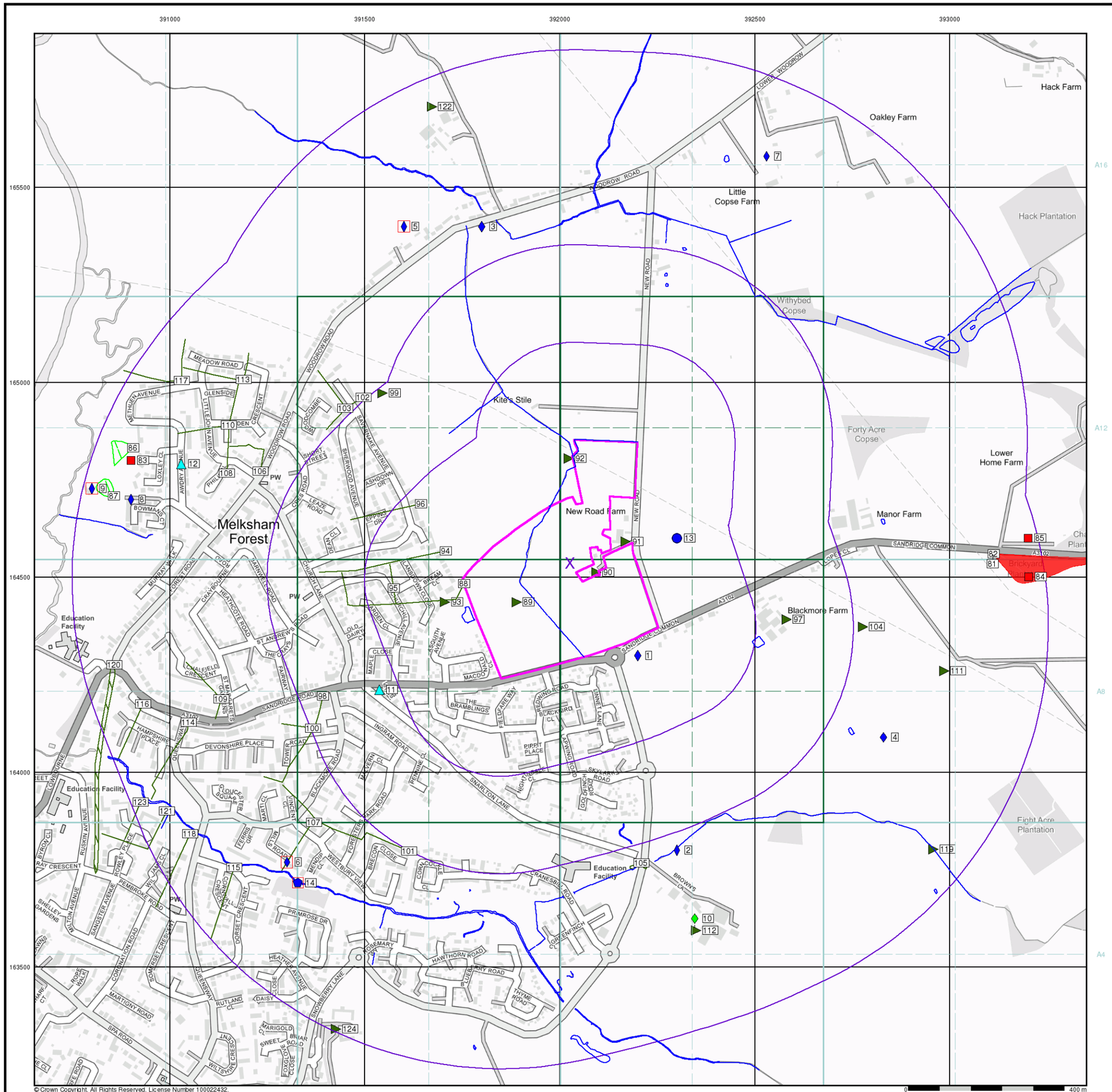
Order Details

Order Number:	313423348_1_1
Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Plot Buffer (m):	100

Site Details

Site at 392040, 164540

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
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- Integrated Pollution Prevention Control
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- River Quality Sampling Point
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- Water Abstraction
- Water Industry Act Referral

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

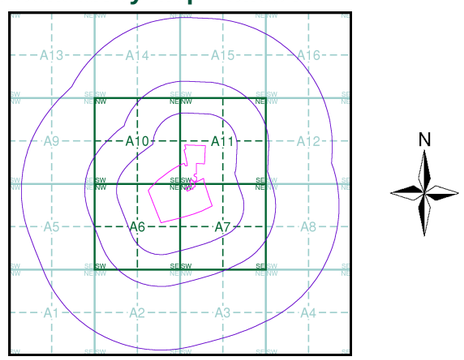
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Slice A



Order Details

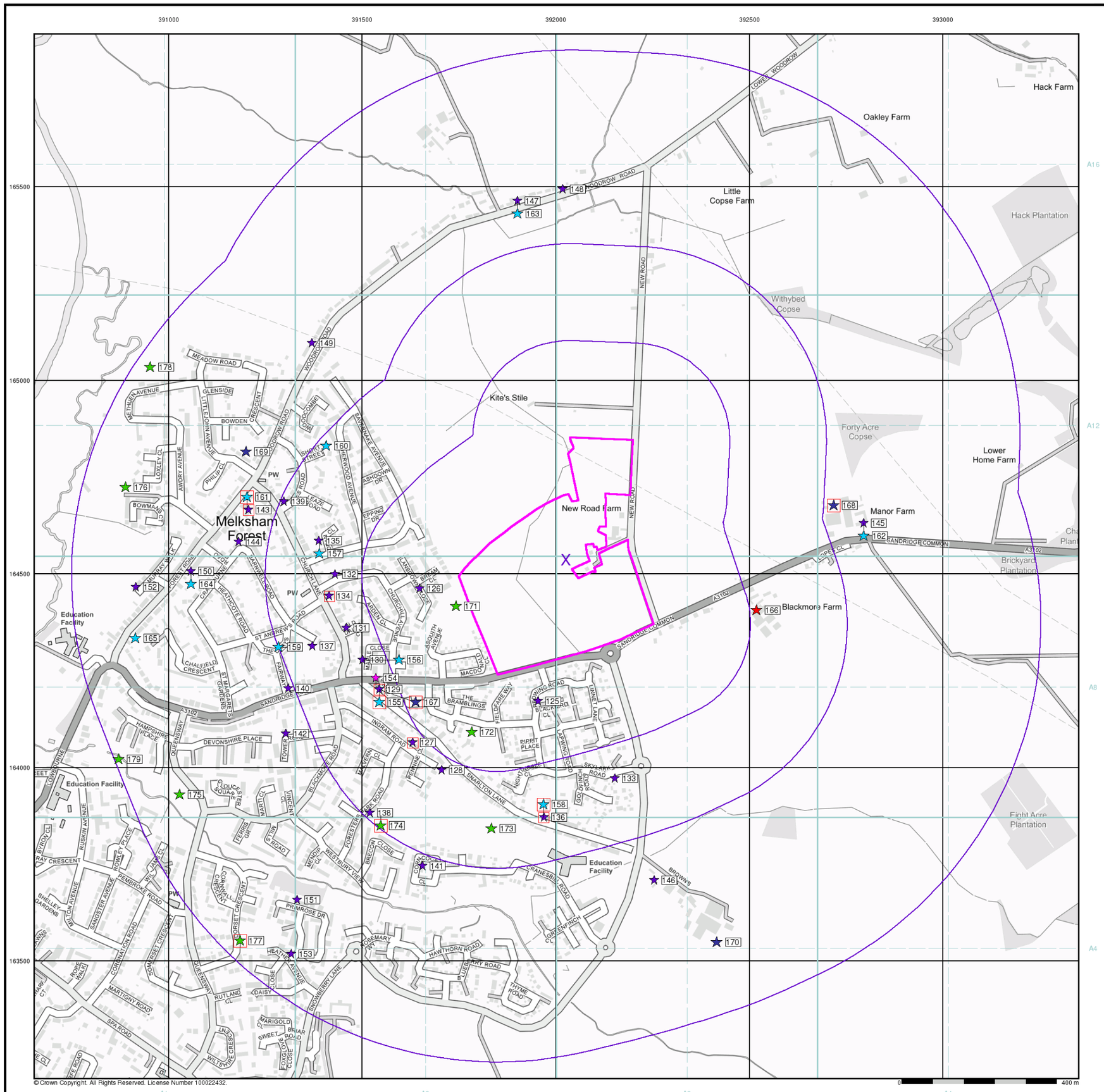
Order Number:	313423348_1_1
Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	1000

Site Details

Site at 392040, 164540

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Industrial Land Use Map

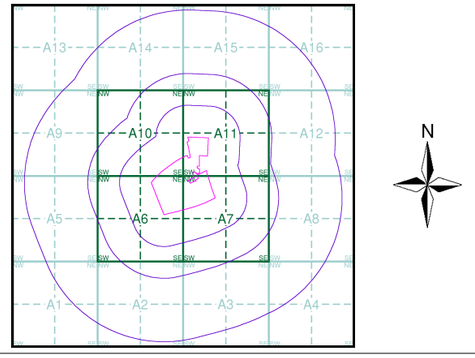
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A



Order Details

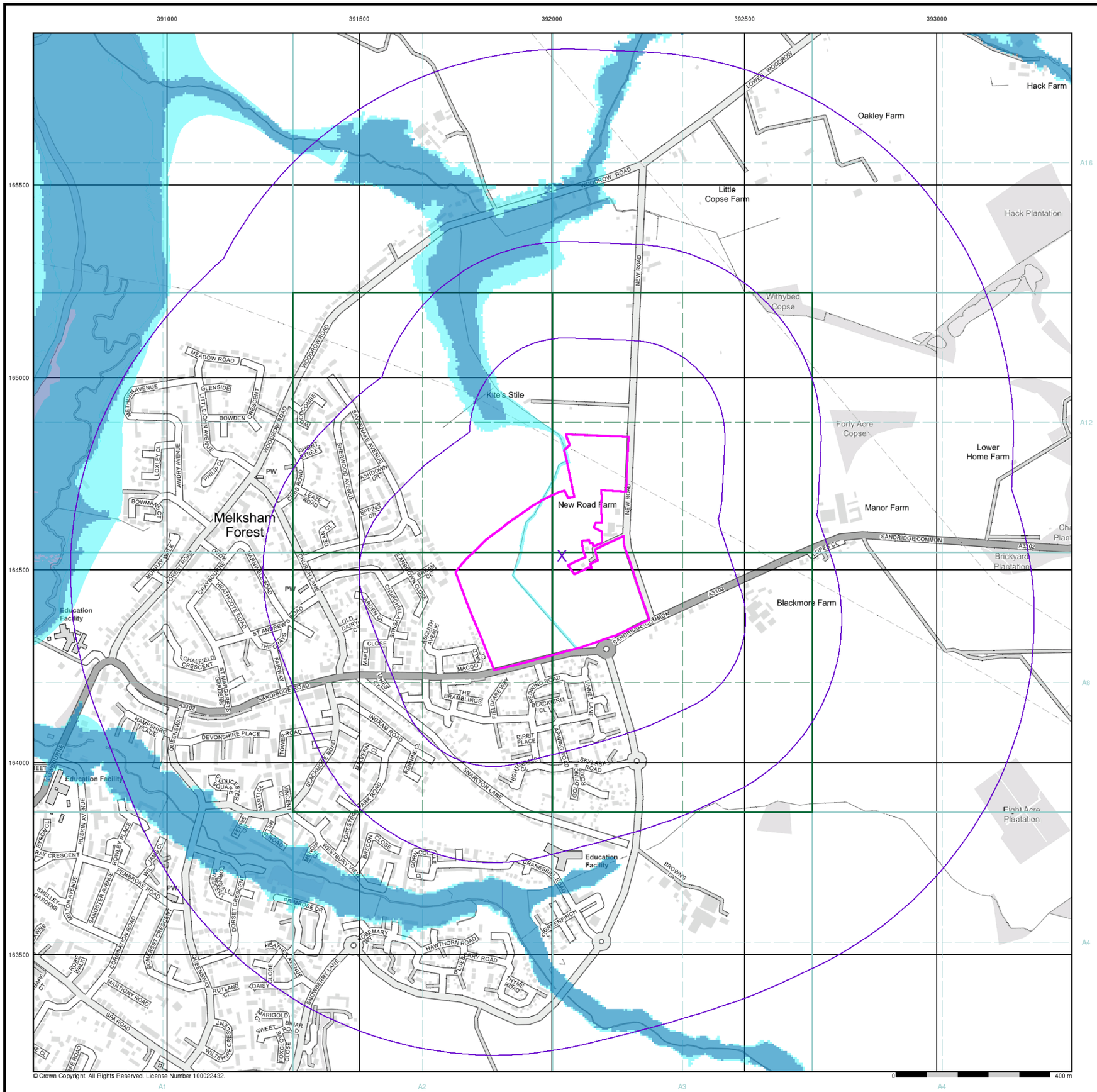
Order Number:	313423348_1_1
Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	1000

Site Details

Site at 392040, 164540

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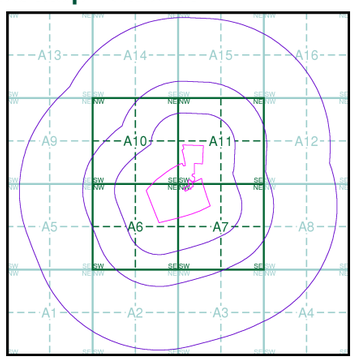
General

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

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



Order Details

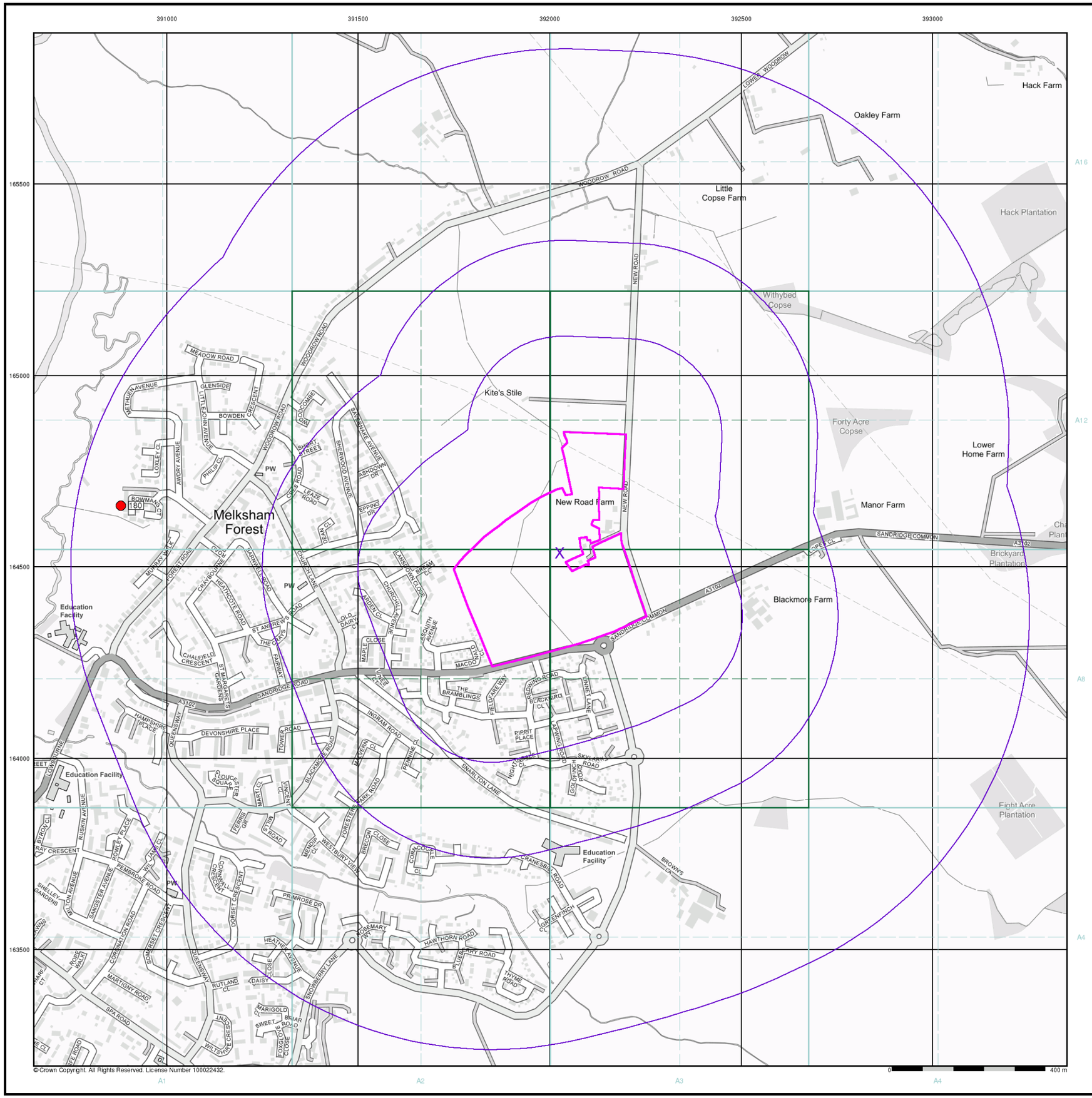
Order Number:	313423348_1_1
Customer Ref:	48309
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Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	1000

Site Details

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- Bearing Reference Point
- Map ID
- Several of Type at Location

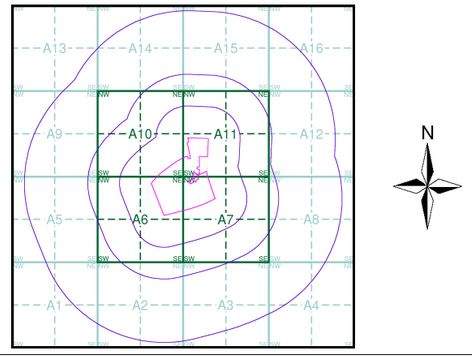
Agency and Hydrological (Boreholes)

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

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

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

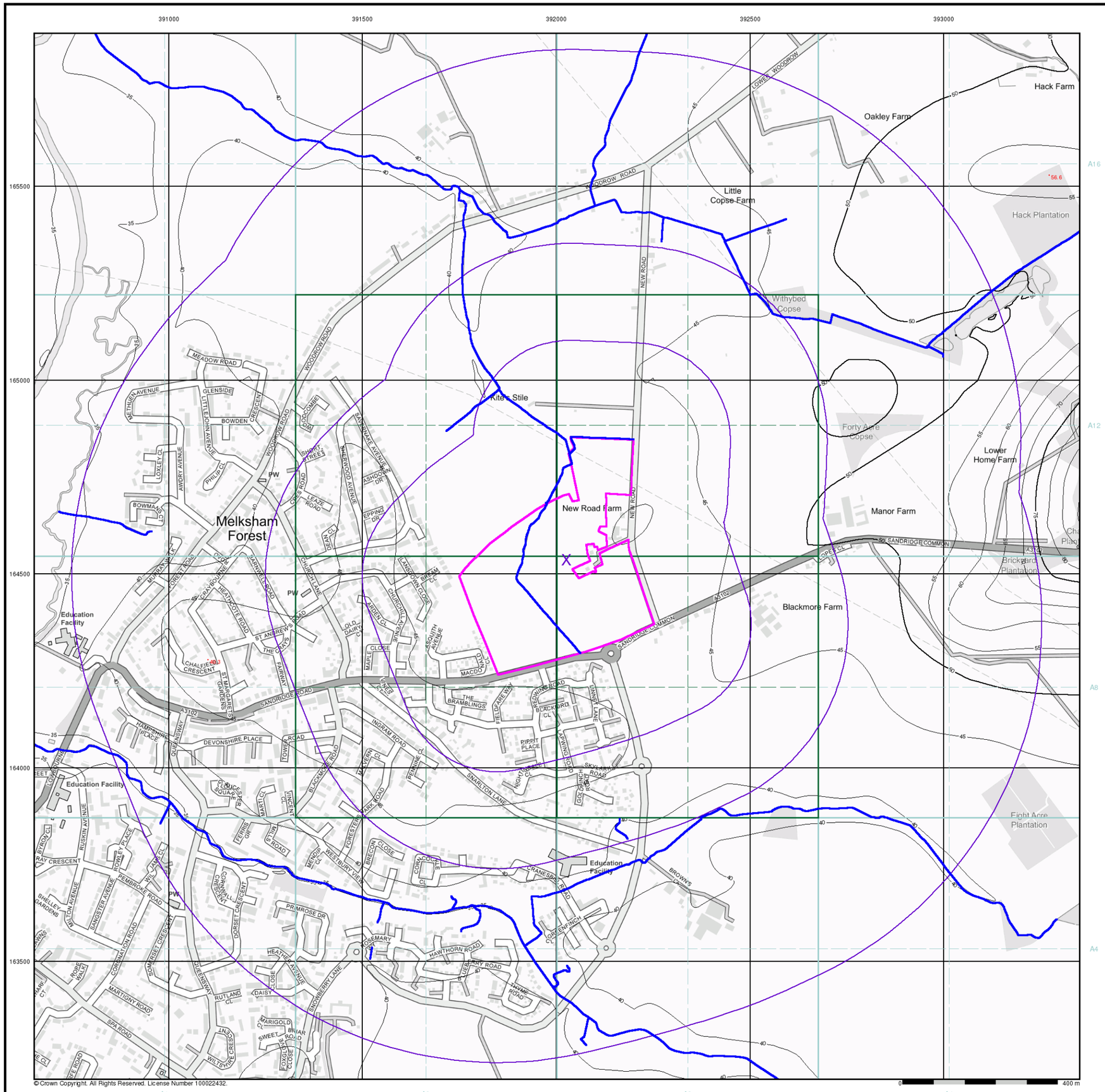
Order Number:	313423348_1_1
Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	1000

Site Details

Site at 392040, 164540

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General

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

OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

Contours (height in meters)

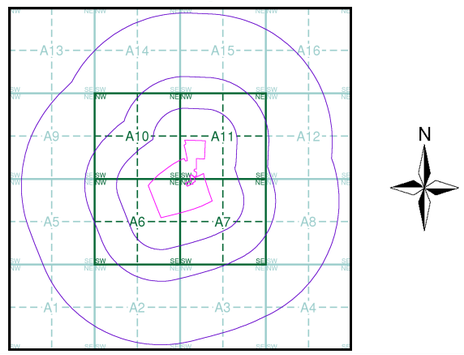
Standard Contour 105 100 95

Master Contour

Spot Height 167.3

- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



Order Details

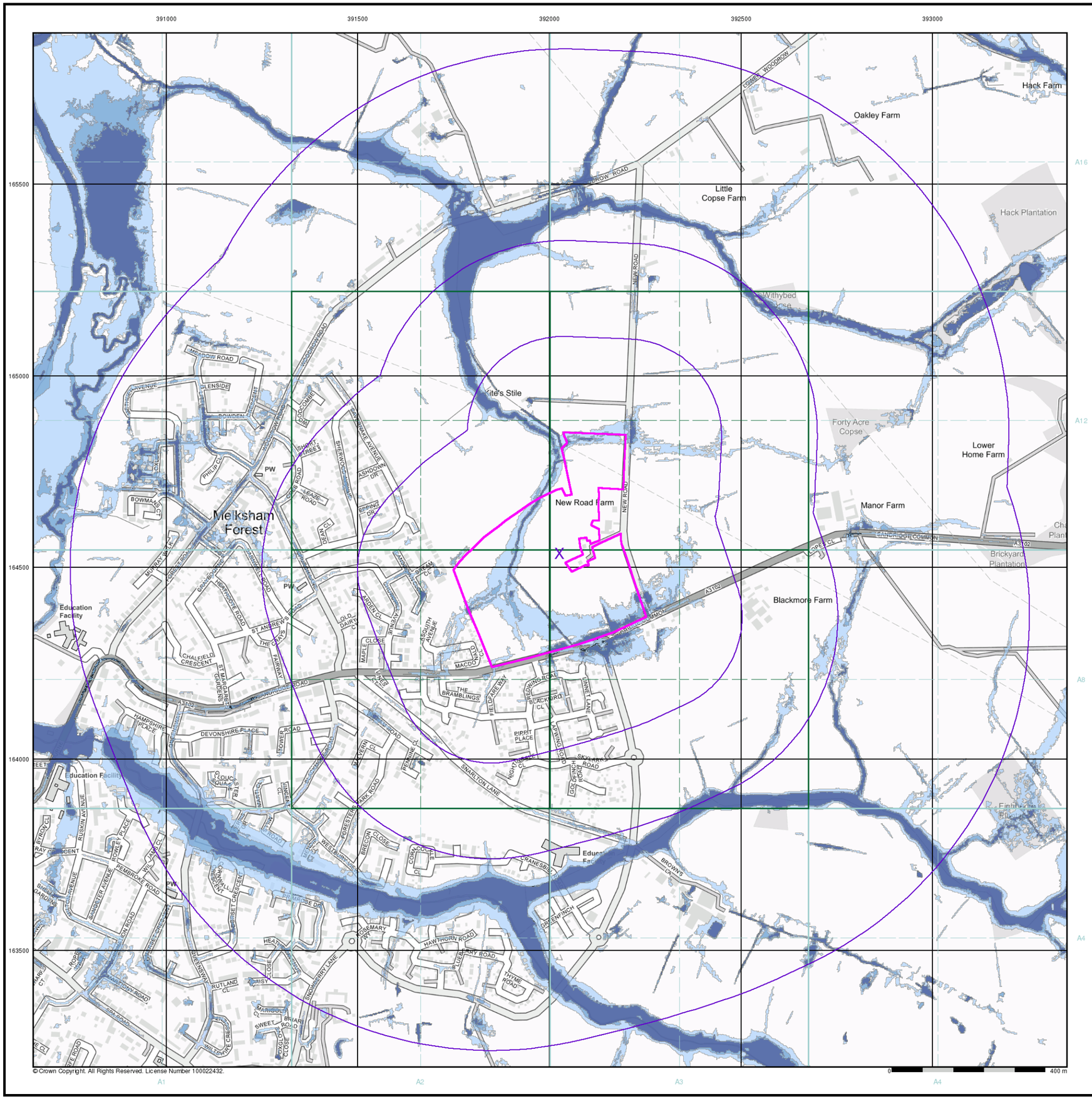
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Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	1000

Site Details

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General

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

Risk of Flooding from Surface Water

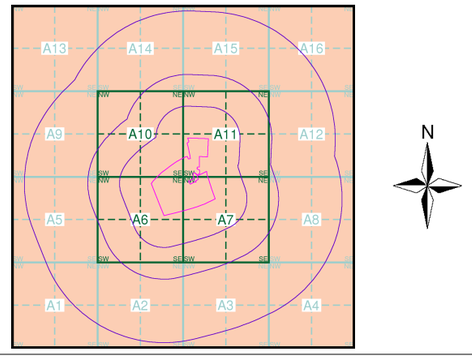
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice A



Order Details

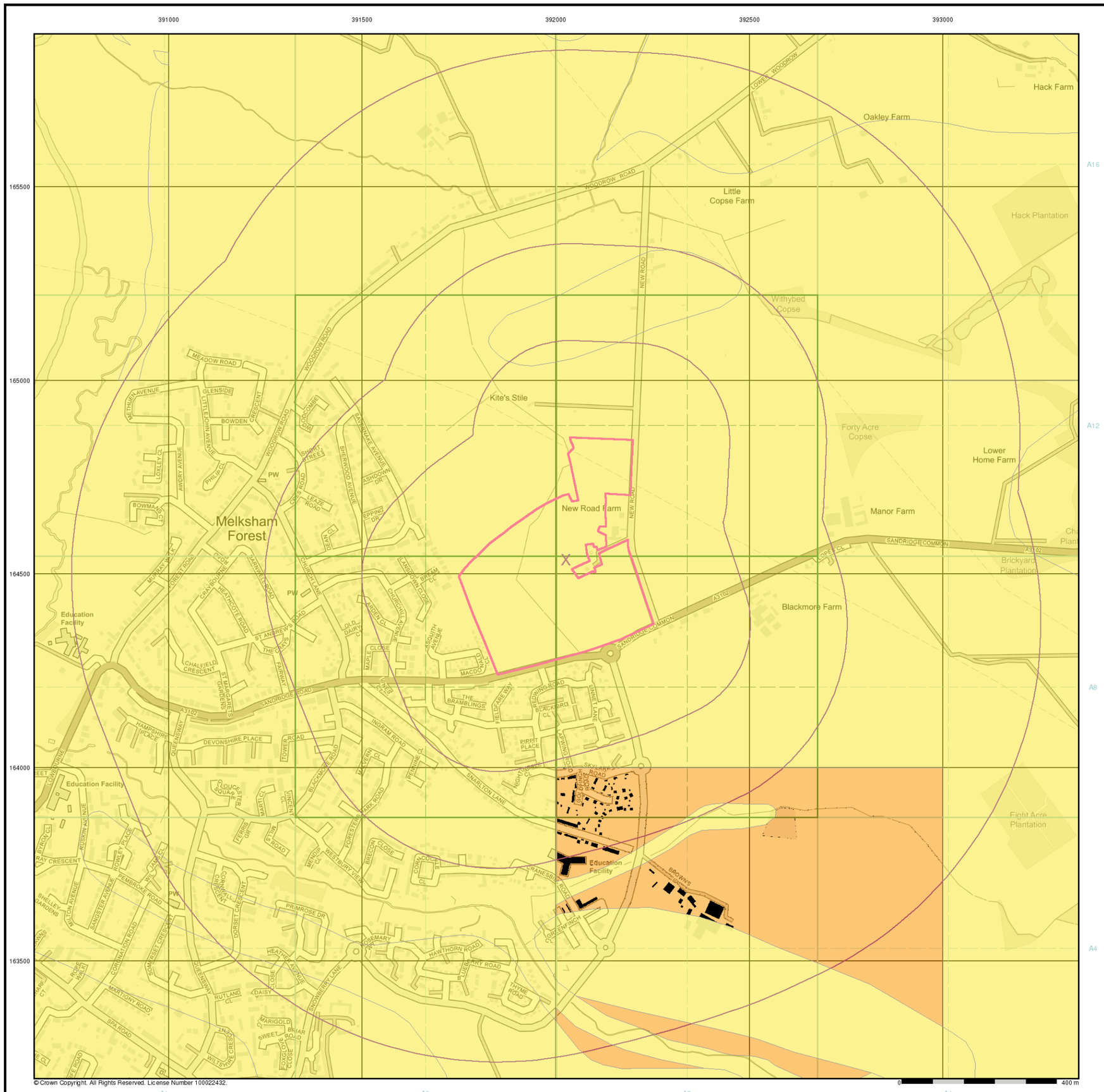
Order Number:	313423348_1_1
Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	1000

Site Details

Site at 392040, 164540

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General

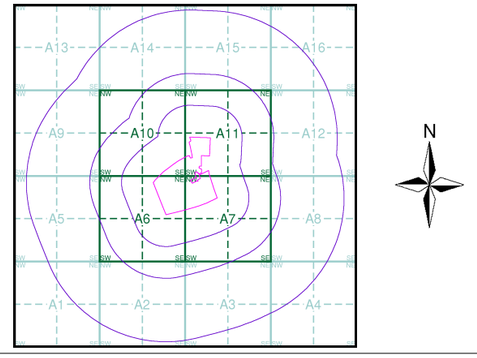
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice A



Order Details

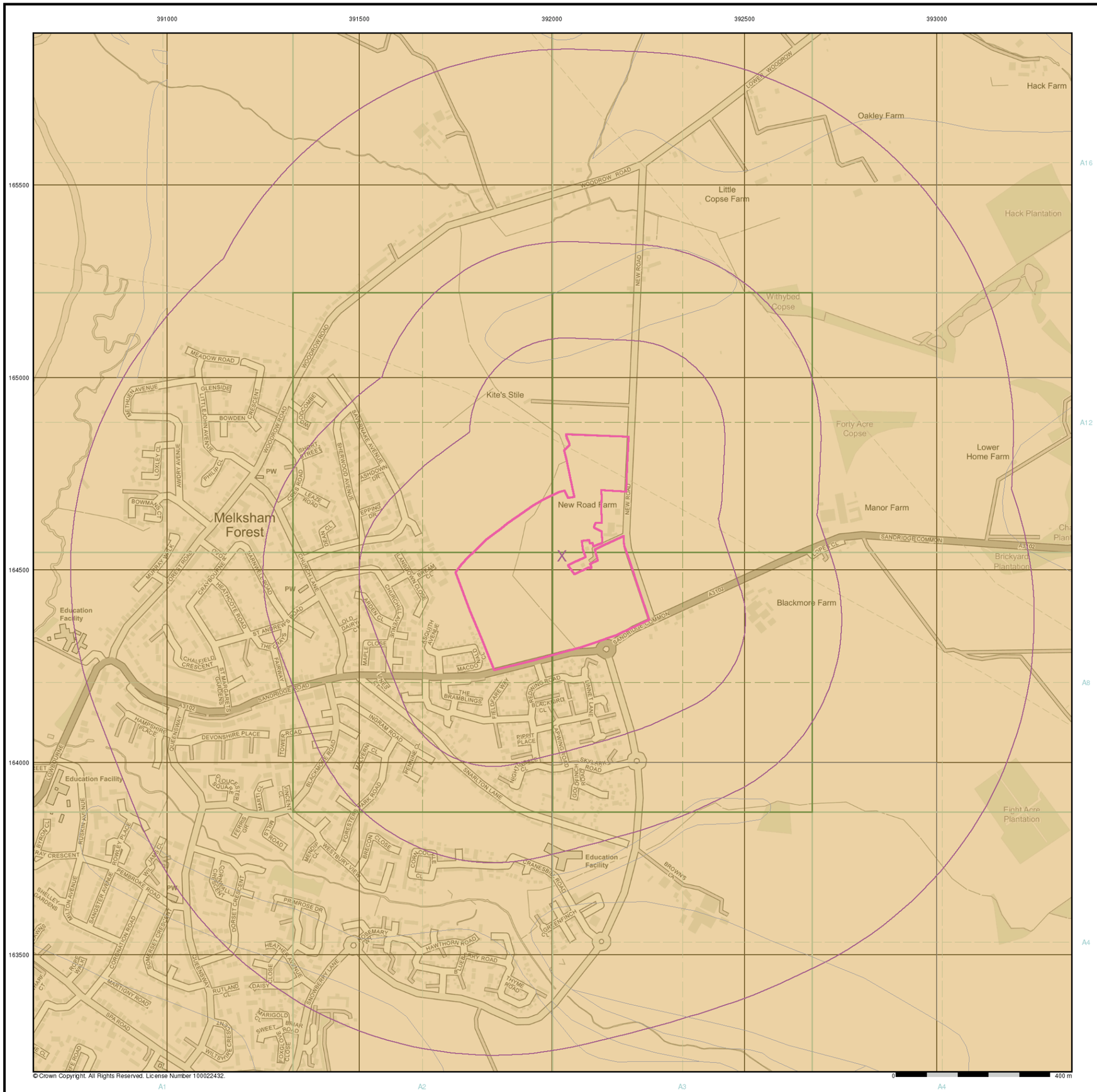
Order Details:	313423348_1_1
Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	1000

Site Details

Site at 392040, 164540

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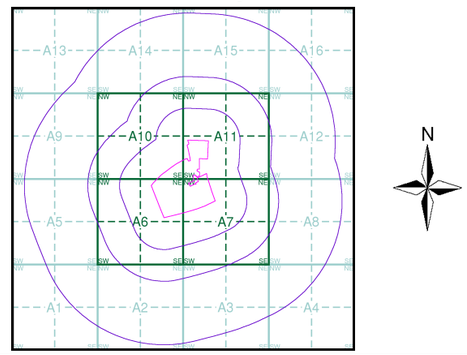
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice A



Order Details

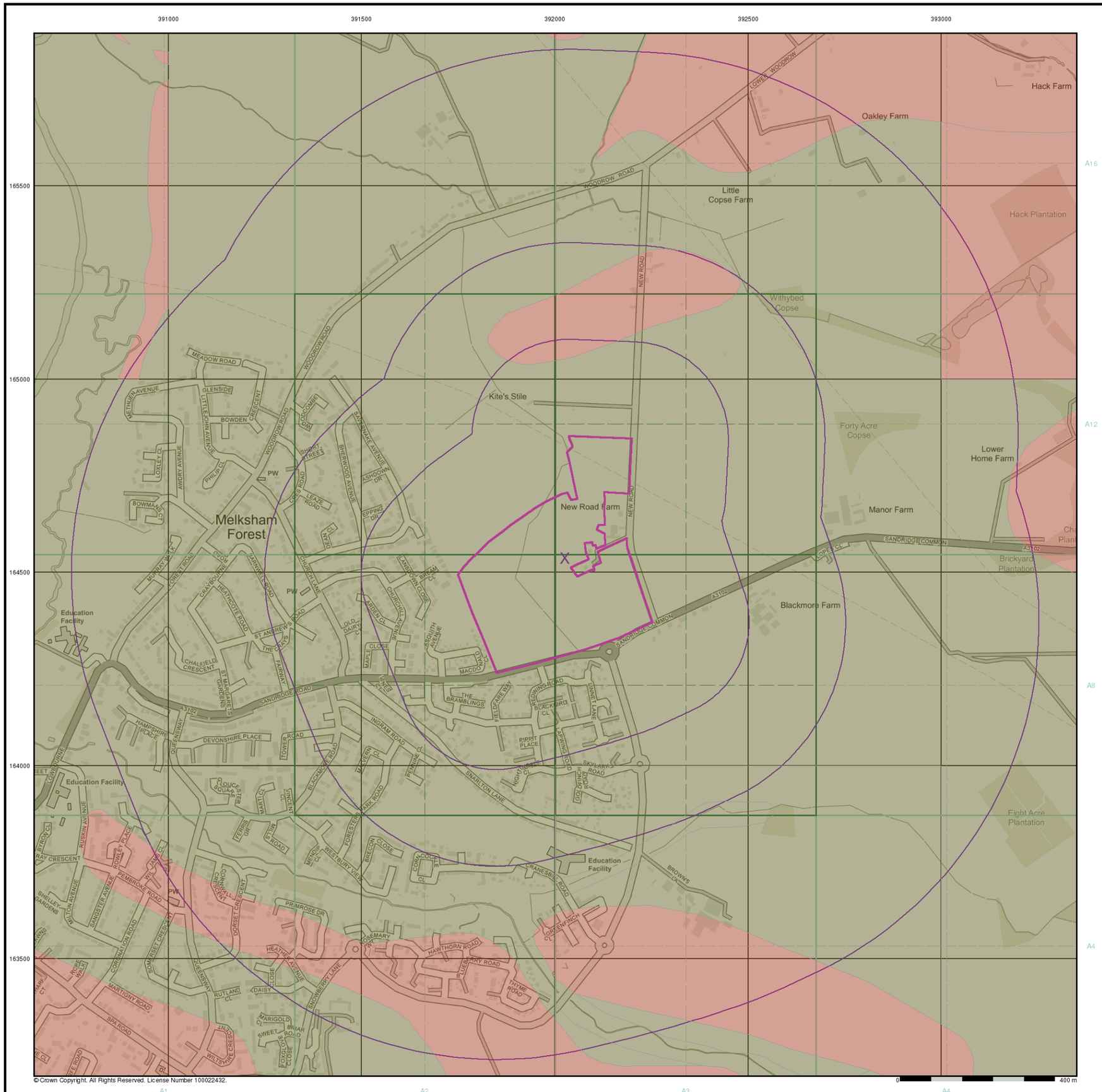
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Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	1000

Site Details

Site at 392040, 164540

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General

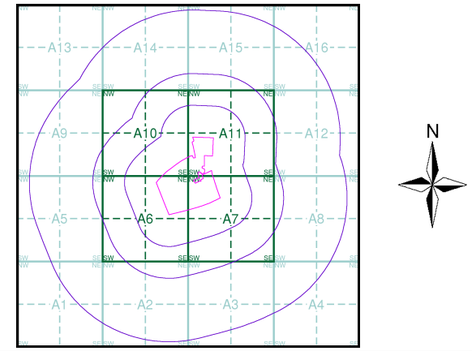
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice A



Order Details

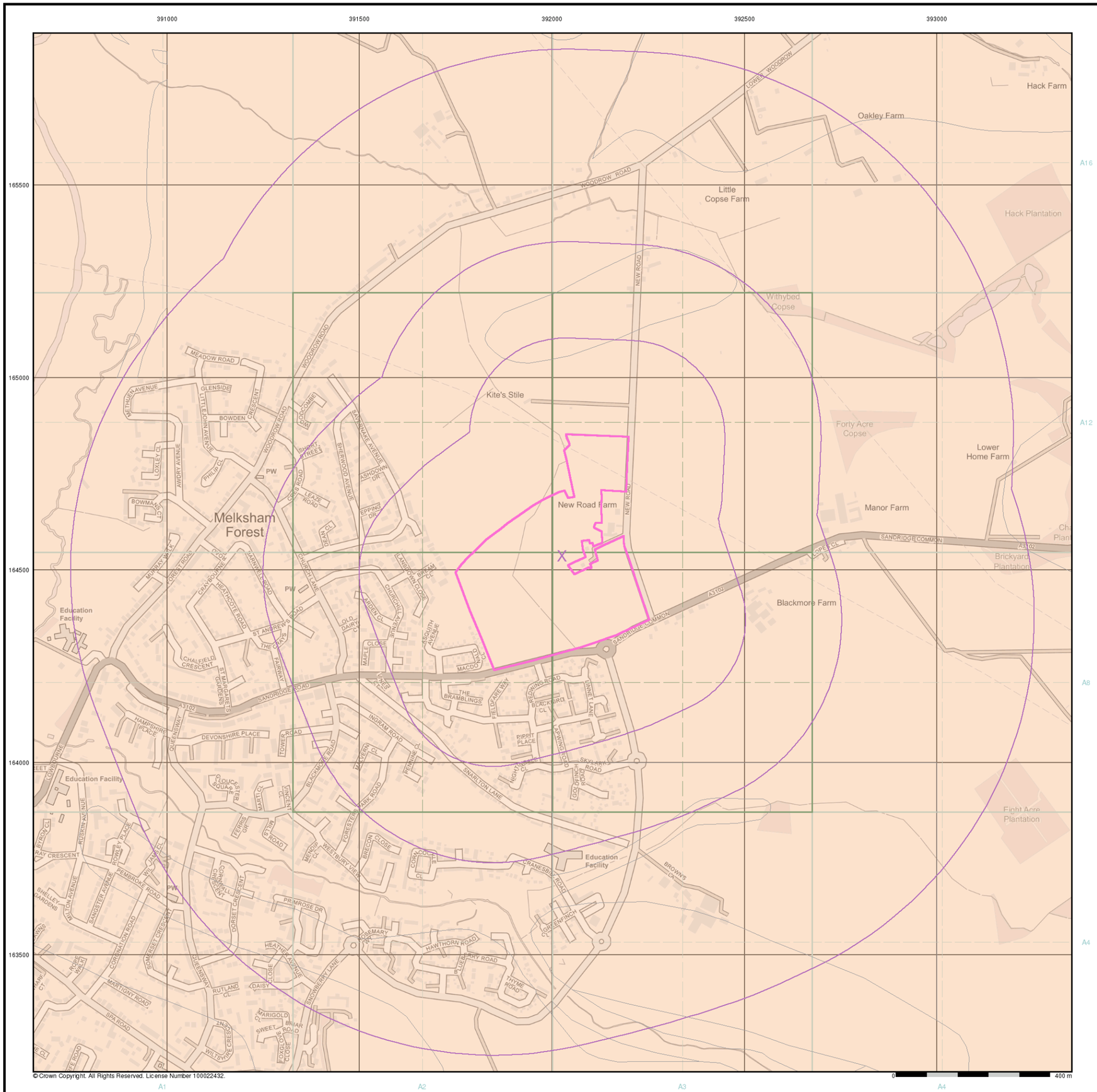
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National Grid Reference:	392030, 164540
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Site Area (Ha):	16.96
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General

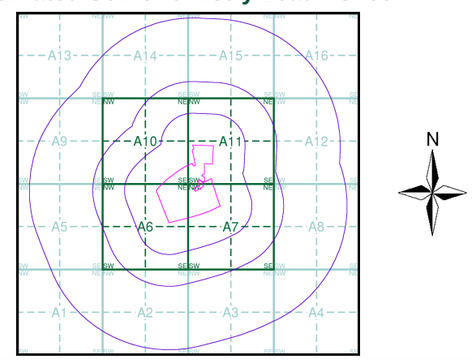
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice A



Order Details

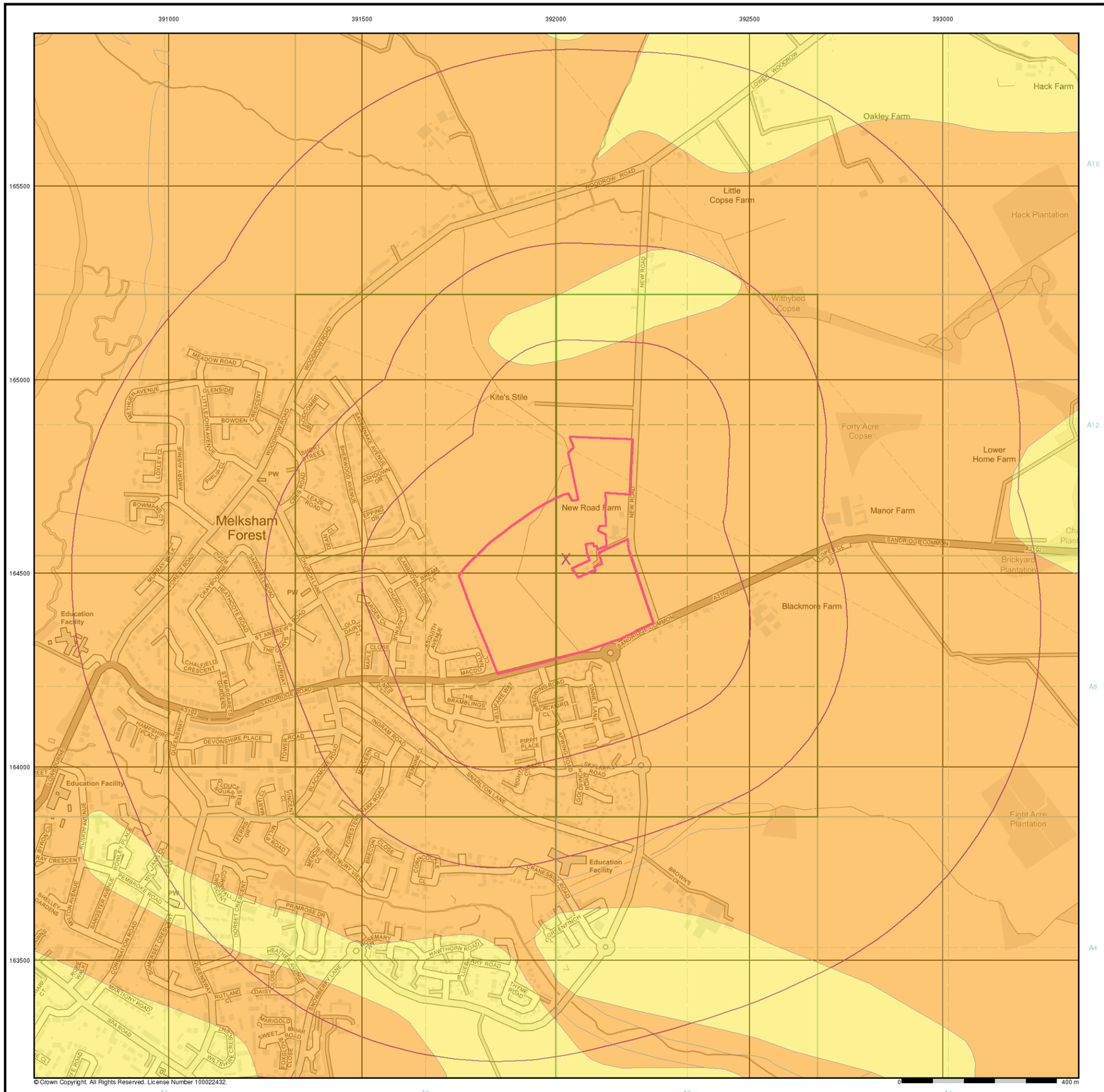
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Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	1000

Site Details

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General

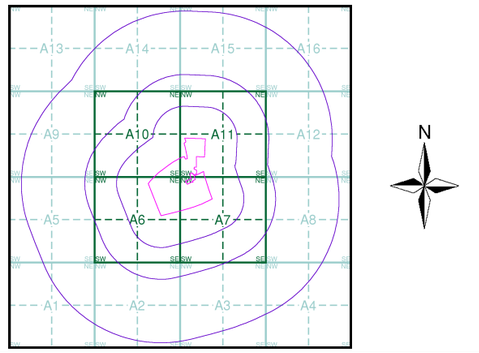
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice A



Order Details

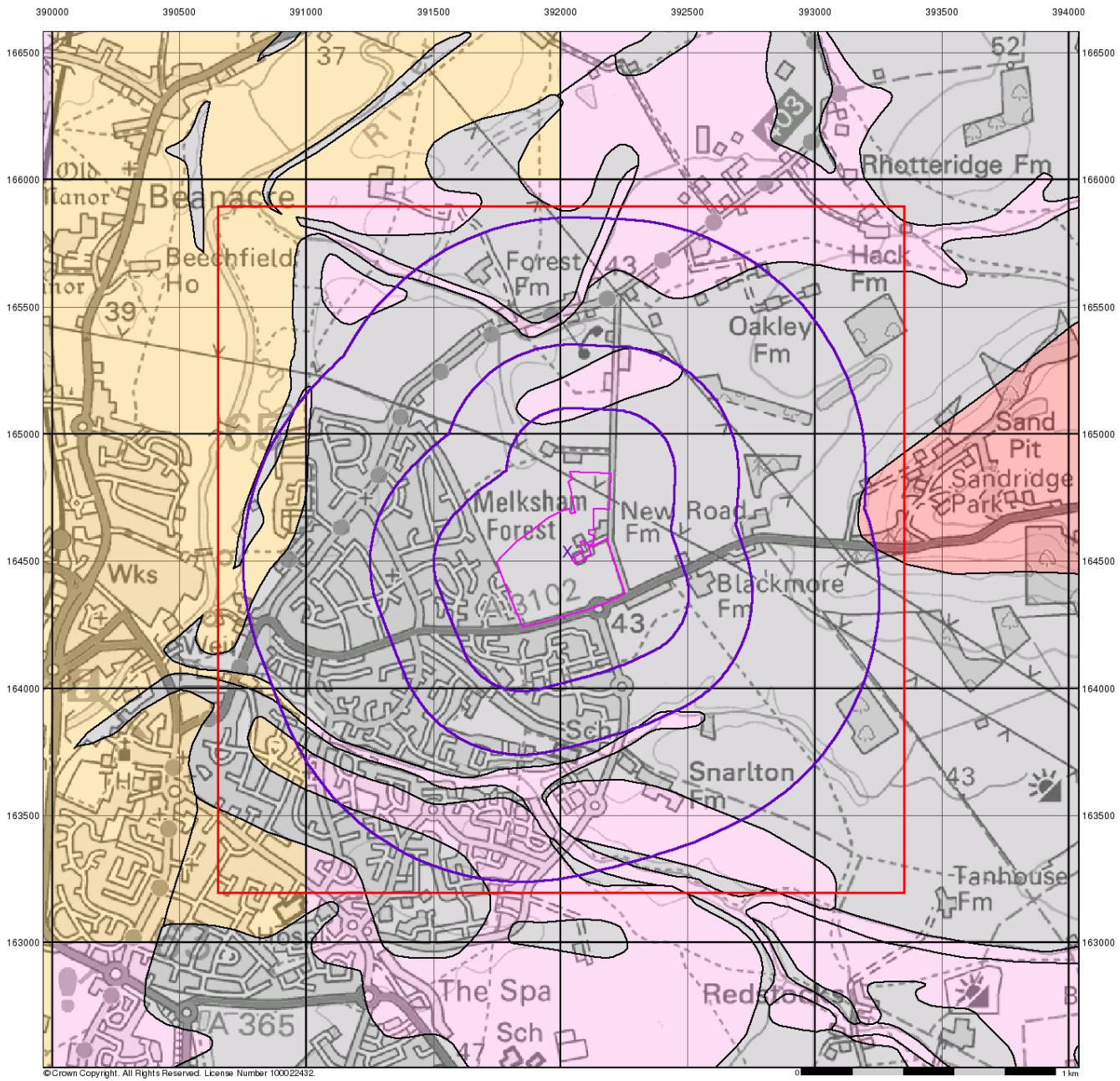
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National Grid Reference:	392030, 164540
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Site Area (Ha):	16.96
Search Buffer (m):	1000

Site Details

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Groundwater Vulnerability

General

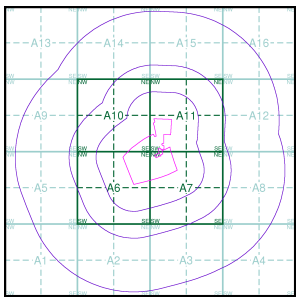
Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
High Vulnerability, Principal Aquifer	High Vulnerability, Principal Aquifer
High Vulnerability, Secondary Aquifer	High Vulnerability, Secondary Aquifer
Medium Vulnerability, Principal Aquifer	Medium Vulnerability, Principal Aquifer
Medium Vulnerability, Secondary Aquifer	Medium Vulnerability, Secondary Aquifer
Low Vulnerability, Principal Aquifer	Low Vulnerability, Principal Aquifer
Low Vulnerability, Secondary Aquifer	Low Vulnerability, Secondary Aquifer

Unproductive Aquifer
Soluble Rock

Site Sensitivity Context Map - Slice A



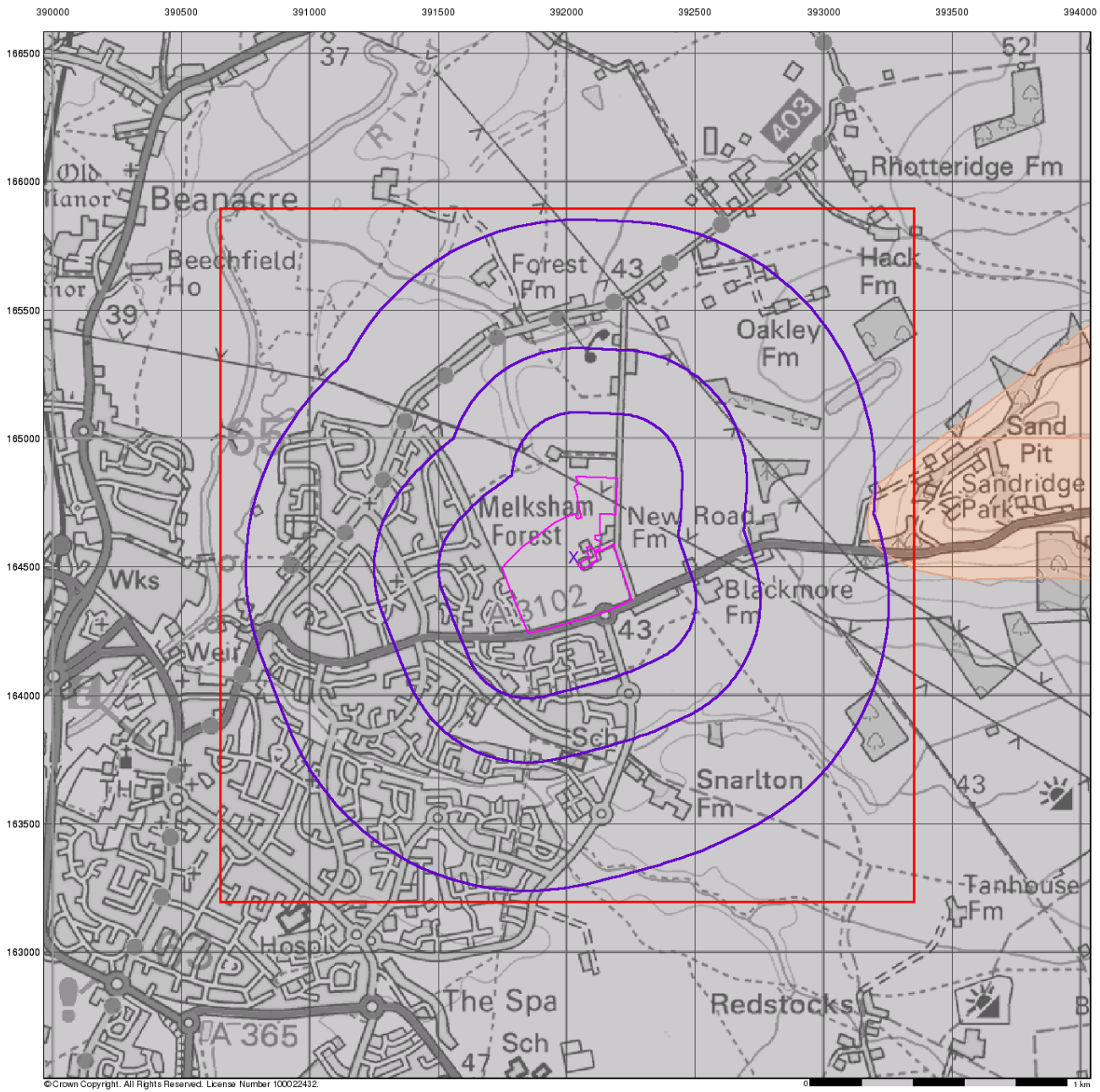
Order Details

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Customer Ref:	48309
National Grid Reference:	392030, 164540
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Site Area (Ha):	16.96
Search Buffer (m):	1000

Site Details

Site at 392040, 164540

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Bedrock Aquifer Designation

General

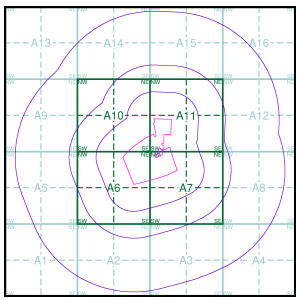
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

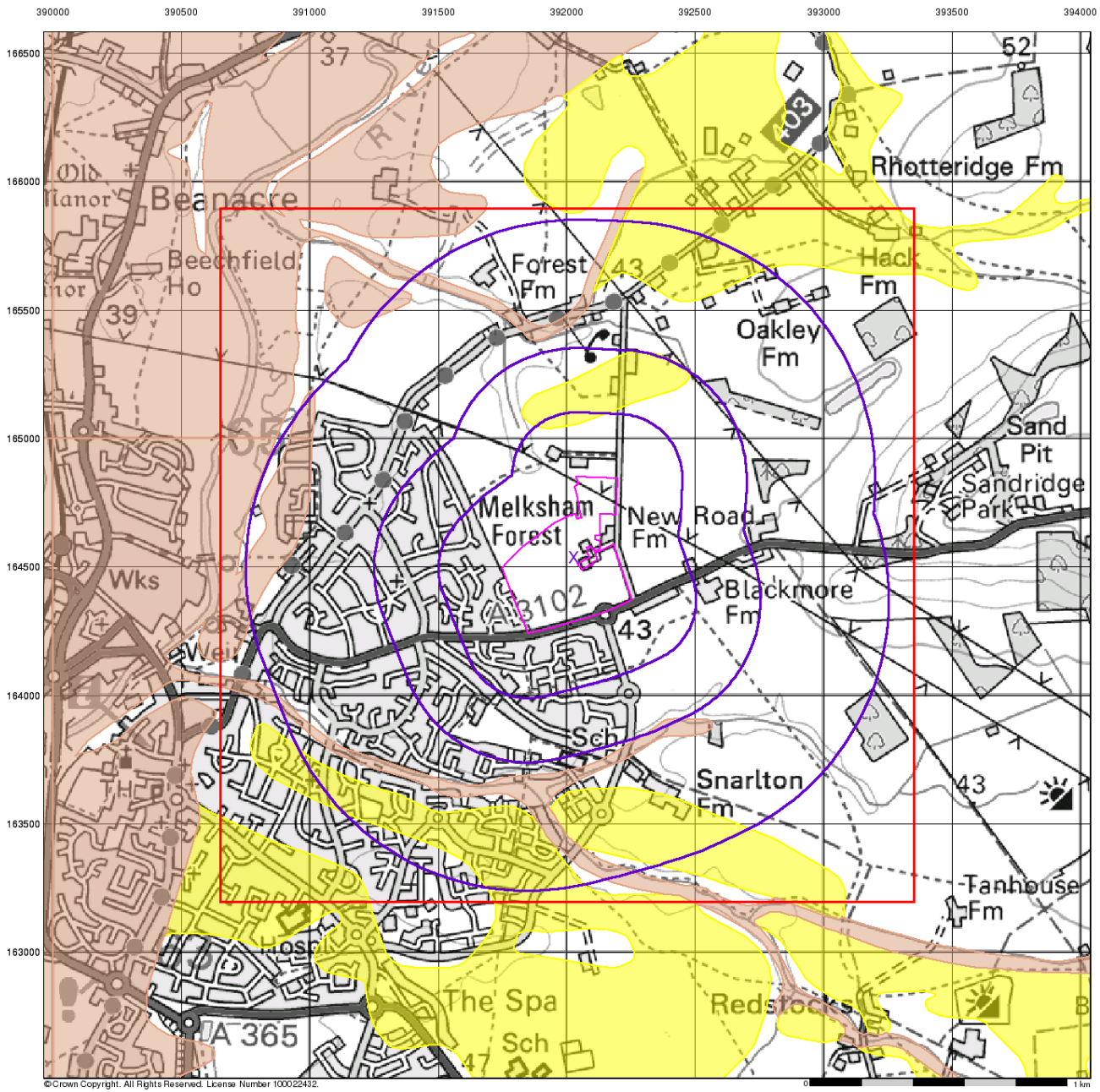
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Customer Ref:	48309
National Grid Reference:	392030, 164540
Slice:	A
Site Area (Ha):	16.96
Search Buffer (m):	1000

Site Details

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Superficial Aquifer Designation

General

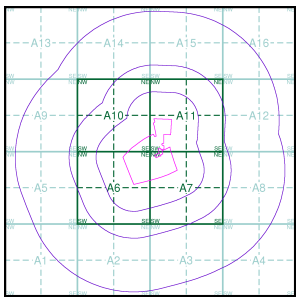
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

Site Sensitivity Context Map - Slice A



Order Details

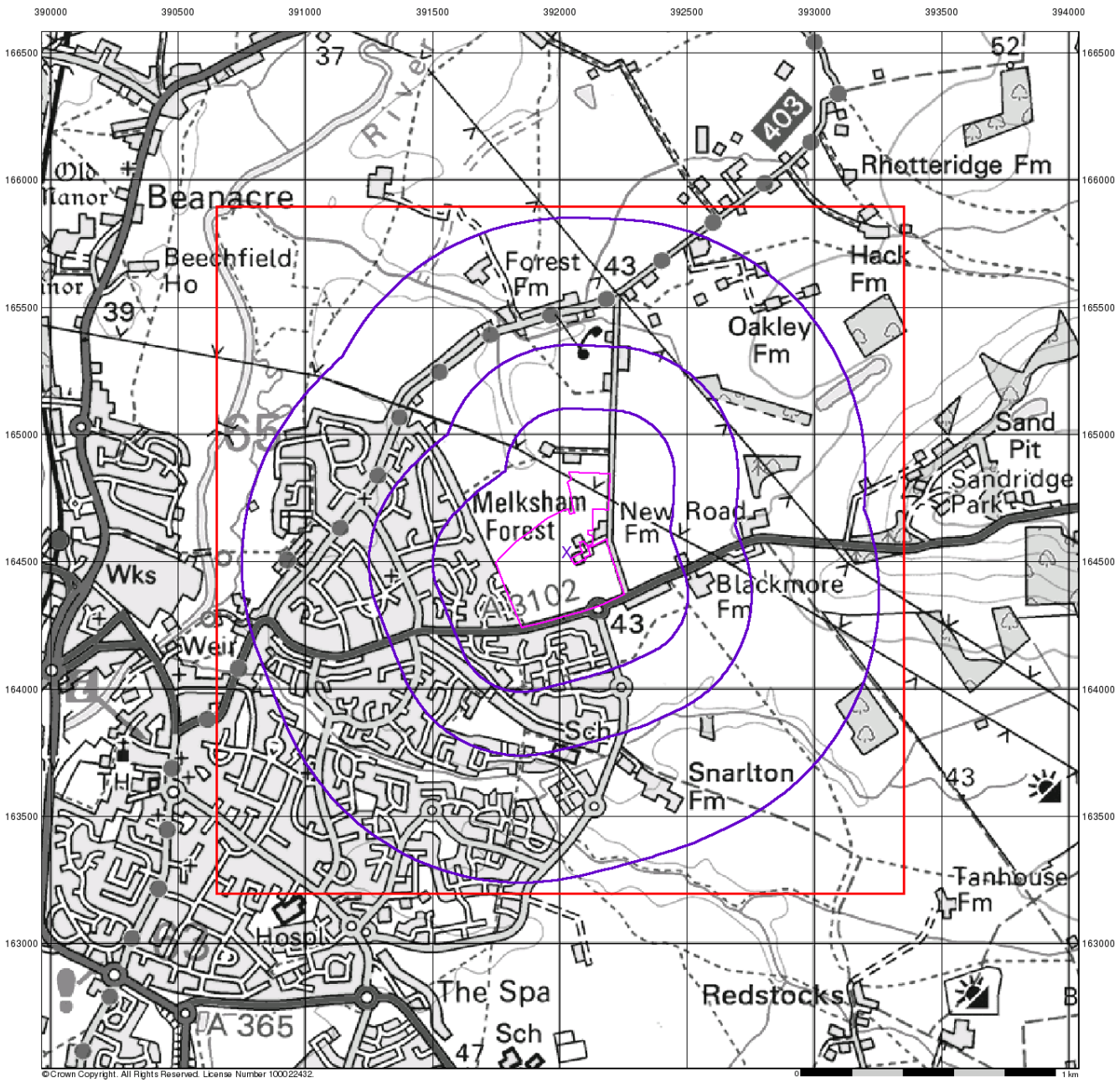
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Source Protection Zones

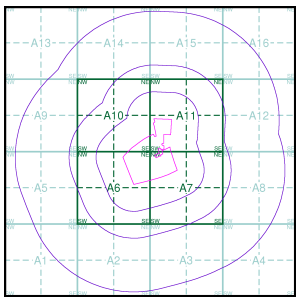
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A



Order Details

Order Number:	313423348_1_1
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Site Details

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Sensitive Land Uses

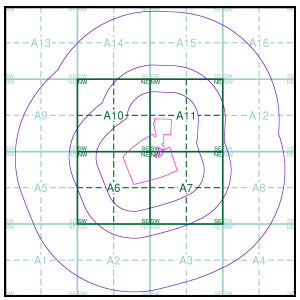
General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice A



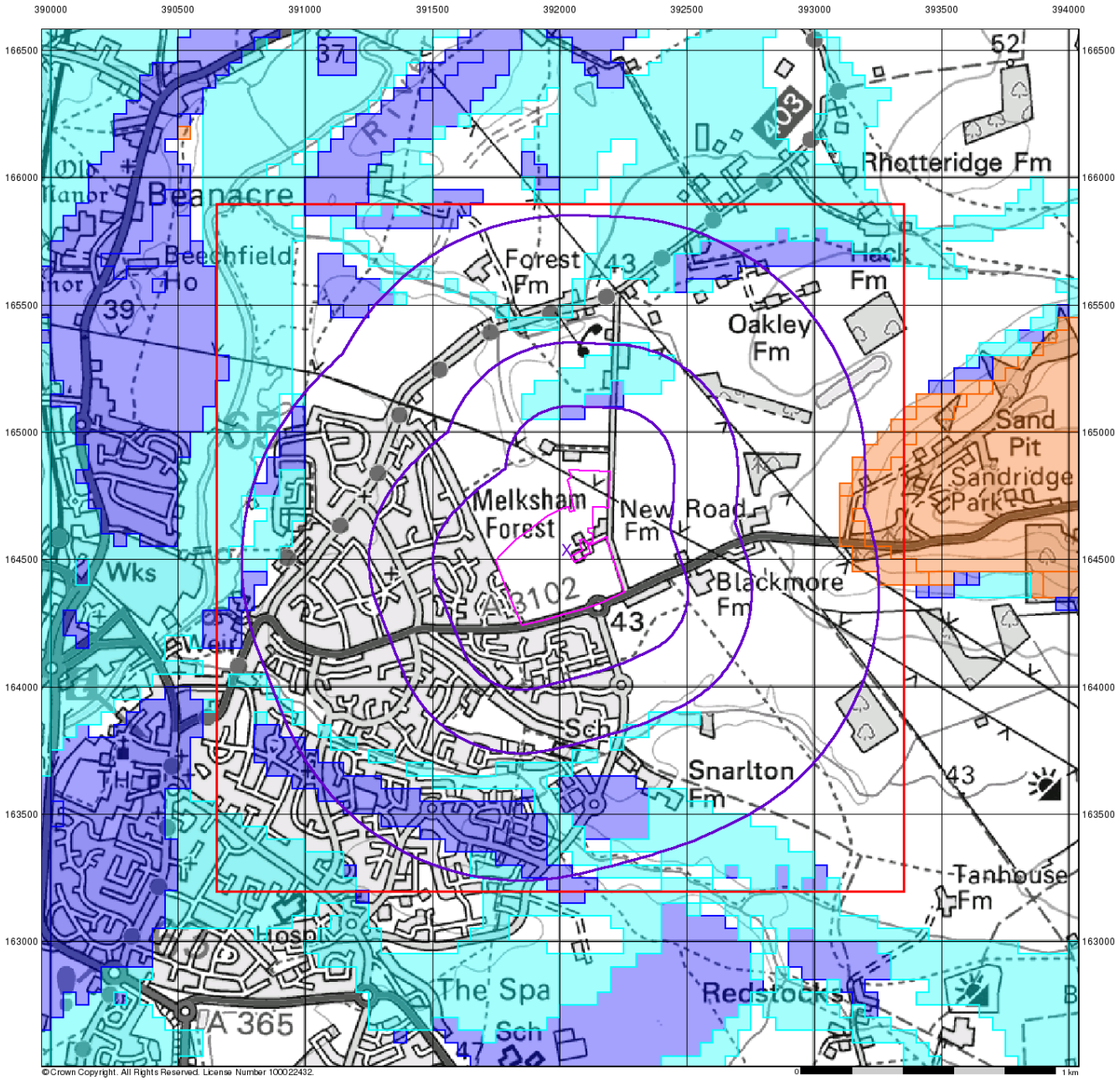
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Search Buffer (m):	1000

Site Details

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BGS Flood GFS Data

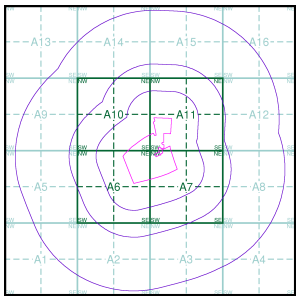
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

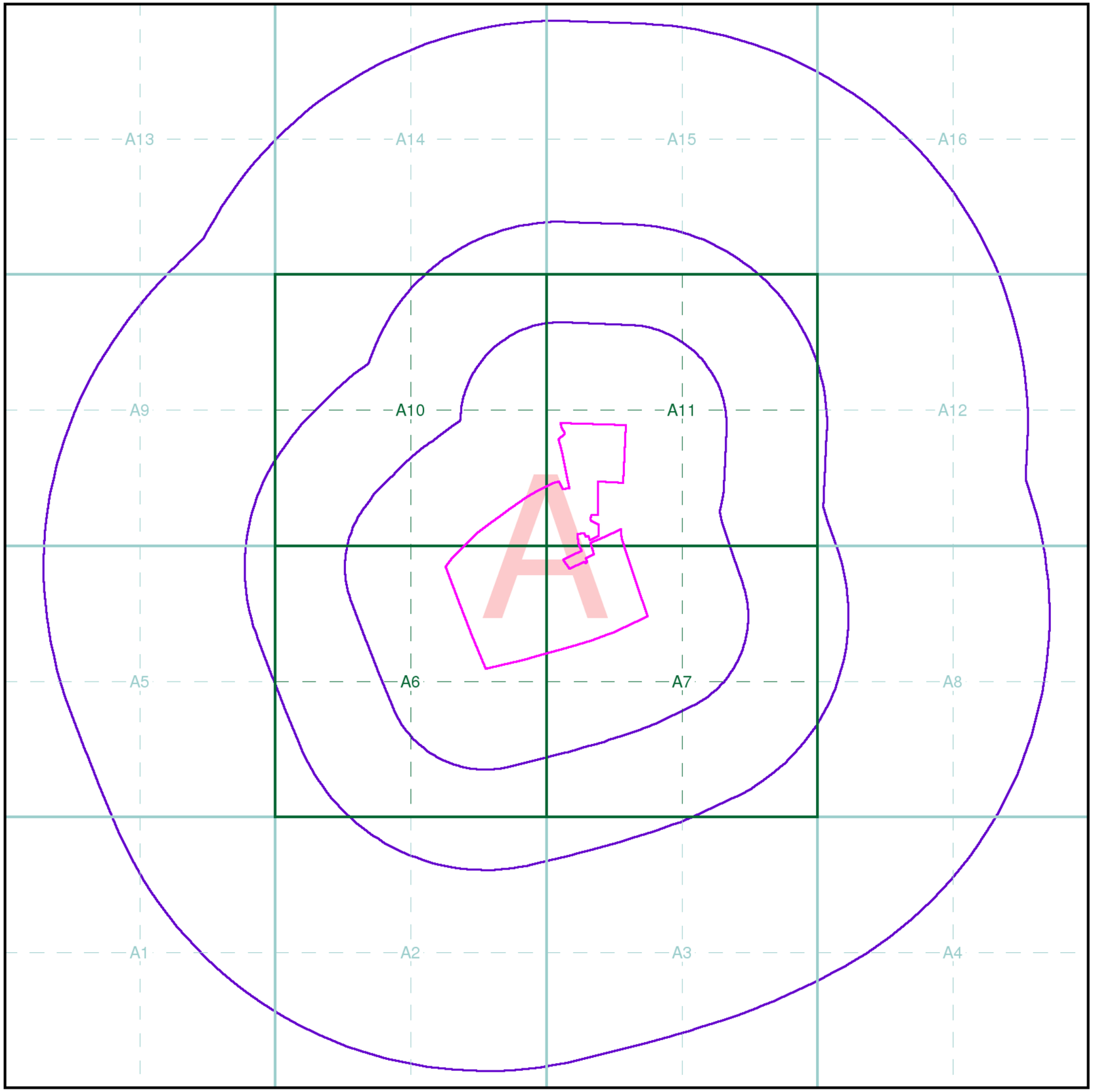
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Site Area (Ha):	16.96
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Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice
Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment
A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant
A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:

Map data

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Environment Agency

NATURAL ENGLAND

Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mrs K Betson, Eastwood & Partners Ltd, St Andrews House, 23 Kingfield Road, Sheffield, S11 9AS

Order Details

Order Number:	313423348_1_1
Customer Ref:	48309
National Grid Reference:	392010, 164510
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Search Buffer (m):	1000

Site Details

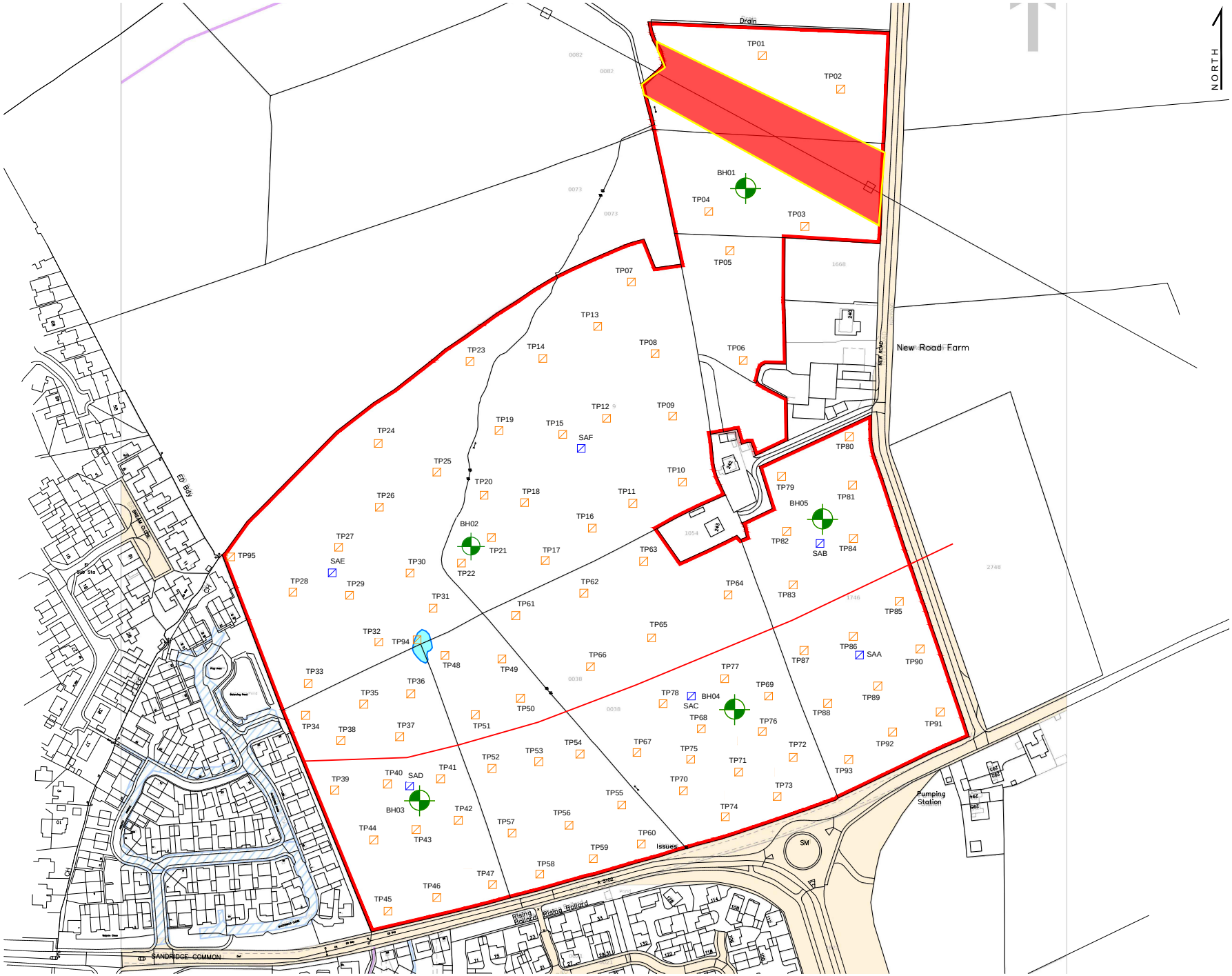
Site at 392040, 164540

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Appendix 2

Exploratory Hole Location Plan, drawing 48309/SK001



MELKSHAM - NEW FARM

0m 25 50 75 100 125 150 175 200m

1:2500

Eastwood
CONSULTING ENGINEERS

Exploratory Hole Location Plan

48309/SK001

KEY

- Approximate location of trial pit excavated by ECE between 24 and 28 July 2023
- Approximate location of cable percussion borehole supervised by ECE between 27 July and 2 August 2023
- Approximate location of infiltration test completed by ECE on 11 October 2023
- Low voltage overhead electricity cable
- High voltage overhead electricity cable exclusion zone
- Approximate location of suspected infilled pond as identified on historical maps

Appendix 3

Trial Pit Logs (TP01 to 93)

Cable Percussion Borehole Logs (BH01 to BH05)

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP01
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	24/07/2023
Location: Melksham		Dimensions: 2.80m / 0.60m / Depth: 2.70m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			
0.50						Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt, rare to occasional charcoal and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
0.50		HVP=114				
0.80	D					
0.80	ES					
			1.20			
1.50						Stiff to very stiff locally indistinctly fissured bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED WEATHERED OXFORD CLAY FORMATION..
1.50		HVP=156				
2.00	D					
2.00		HVP=188				
			2.20			
2.50						Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak bluish grey mottled brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=197				
			2.70			Trialpit Complete at 2.700m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP02
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	24/07/2023
Location: Melksham		Dimensions: 2.70m / 0.60m / Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff locally indistinctly fissured bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED WEATHERED OXFORD CLAY FORMATION..
1.50	D					
			2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak bluish grey mottled brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
2.40	D					
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP03
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	24/07/2023
Location: Melksham		Dimensions: 2.80m / 0.60m / Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
			0.20			TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
0.50		HVP=128				Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt, rare to occasional charcoal and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff locally indistinctly fissured bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED WEATHERED OXFORD CLAY FORMATION..
1.50		HVP=161				
			1.90			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak bluish grey mottled brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
2.00		HVP=136				
2.30		HVP=194				
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP04
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	24/07/2023
Location: Melksham		Dimensions: Depth: 2.60m (2.50m × 0.60m)	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			
0.50	D					Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
0.50	ES					
			1.00			
1.20	D					Stiff to very stiff locally indistinctly fissured bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED WEATHERED OXFORD CLAY FORMATION..
1.50		HVP=164				
2.00	D		2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=183				
2.60	D		2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP05
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	24/07/2023
Location: Melksham		Dimensions: 2.60m (0.60m) Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			0.80			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED WEATHERED OXFORD CLAY FORMATION..
1.50	D					
			1.70			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

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Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP06
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	24/07/2023
Location: Melksham		Dimensions: 2.70m, 0.60m, Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			0.90			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED WEATHERED OXFORD CLAY FORMATION..
1.50	D					
			1.70			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
1.80		HVP=122				
2.00	D					
2.40		HVP=178				
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP07
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	24/07/2023
Location: Melksham		Dimensions: 2.80m, 0.60m	Scale 1:25
Client: Bloor Homes		Depth: 2.60m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			
0.50	D					Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
0.50	ES					
			0.80			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone.WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP08
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	24/07/2023
Location: Melksham		Dimensions: 2.60m x 0.60m	Scale 1:25
Client: Bloor Homes		Depth: 2.60m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED WEATHERED OXFORD CLAY FORMATION..
2.00		HVP=153	1.90			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
2.60		HVP=194	2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP09
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	24/07/2023
Location: Melksham		Dimensions: Depth: 2.60m (2.60m × 0.60m)	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			
0.50	ES					Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.00			
						Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			1.90			
						Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.60			
						Trialpit Complete at 2.600m

1 2 3 4

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP10
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	24/07/2023
Location: Melksham		Dimensions: 2.60m, 0.60m, Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
1.00	D		0.90			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED WEATHERED OXFORD CLAY FORMATION..
2.00	D		1.70			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP11
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	24/07/2023
Location: Melksham		Dimensions: 2.70m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
0.80		HVP=120	0.80			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED WEATHERED OXFORD CLAY FORMATION..
1.80		HVP=128	1.80			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

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Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP12
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	24/07/2023
Location: Melksham		Dimensions: 2.50m, 0.60m, Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			0.90			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments occasional wood debris and rare pockets of white silt. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP13
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.50m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
0.90	D					
			1.00			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED WEATHERED OXFORD CLAY FORMATION..
1.50		HVP=136				
2.20	D					
2.20		HVP=156	2.30			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP14
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.80m, 0.60m	Scale 1:25
Client: Bloor Homes		Depth: 2.40m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED WEATHERED OXFORD CLAY FORMATION...
2.00		HVP=150	2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.40			Trialpit Complete at 2.400m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP15
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.70m, 0.60m, Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED WEATHERED OXFORD CLAY FORMATION..
1.50	D					
			2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=194				
2.60	D		2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP16
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.80m, 0.60m, Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED WEATHERED OXFORD CLAY FORMATION..
2.00	D					
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
2.20		HVP=169				
2.60		HVP=194	2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP17
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.50m x 0.60m	Scale 1:25
Client: Bloor Homes		Depth: 2.50m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			
0.50	ES					Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			
1.50		HVP=153				Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			1.80			
						Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=172	2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP18
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.60m (0.60m) Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP19
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.70m, 0.60m	Scale 1:25
Client: Bloor Homes		Depth: 2.50m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED WEATHERED OXFORD CLAY FORMATION..
2.00		HVP=150				
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
2.40		HVP=158				
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP20
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.80m / 0.60m / Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			1.90			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP21
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.60m / 0.60m / Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.25			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
1.00		HVP=109				
			1.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED WEATHERED OXFORD CLAY FORMATION..
1.50	D					
1.50		HVP=133				
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP22
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.60m (0.60m)	Scale 1:25
Client: Bloor Homes		Depth: 2.60m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
			0.25			TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
0.60	ES					Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED WEATHERED OXFORD CLAY FORMATION..
2.50 2.50	D	HVP=183	2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP23
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.60m (0.60m) Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP24
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.70m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.50			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP25
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.50m (0.60m)	Scale 1:25
Client: Bloor Homes		Depth: 2.50m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
			0.30			TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			1.20			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
1.50	D					Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP26
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.50m / 0.60m / Depth: 2.40m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
0.70	ES					
1.00		HVP=122				
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			1.90			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.40			Trialpit Complete at 2.400m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP27
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.80m, 0.60m, Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.00			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			1.90			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP28
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.70m, 0.60m, Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.40			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
1.80		HVP=147				
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.30	D					
2.40		HVP=166				
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP29
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.80m, 0.60m, Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP30
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	25/07/2023
Location: Melksham		Dimensions: 2.50m (0.60m) Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.25			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.40			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
1.60	D					
			2.30			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP31
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.60m (0.60m) Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
1.00		HVP=172				
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
2.00		HVP=128				
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=183				
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP32
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.70m, 0.60m, Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=197	2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP33
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.80m, 0.60m, Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.00			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			1.90			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP34
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.60m, 0.60m, Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
2.00		HVP=153				
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.40		HVP=197				
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP35
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.60m (0.60m) Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			
0.60	ES					Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
1.00		HVP=156				
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
2.00		HVP=139				
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=197				
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
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TrialPit No
TP36
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.60m / 0.60m / Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP37
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.70m, 0.60m, Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	D					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
0.10	ES					
			0.30			
0.40	D					Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
0.40	ES					
1.00		HVP=136				
			1.30			
1.50	D					Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
2.00		HVP=144				
			2.30			
2.50	D					Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=197	2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP38
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.50m, 0.60m, Depth: 2.70m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			1.90			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.70			Trialpit Complete at 2.700m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP39
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.50m, 0.60m	Scale 1:25
Client: Bloor Homes		Depth: 2.60m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP40
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.80m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.30			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=194				
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP41
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.70m, 0.60m, Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP42
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.80m / 0.60m / Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
1.00		HVP=180				
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.30			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=191	2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP43
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.50m x 0.60m	Scale 1:25
Client: Bloor Homes		Depth: 2.50m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			
0.40	ES					Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
1.00		HVP=136				
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
2.00		HVP=164				
			2.30			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=197	2.60			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP44
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.60m (0.60m) Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP45
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.70m, 0.60m, Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP46
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.80m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=186				
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP47
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	26/07/2023
Location: Melksham		Dimensions: 2.60m (0.60m) Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP48
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	27/07/2023
Location: Melksham		Dimensions: Depth: 2.60m (2.60m × 0.60m)	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP49
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	27/07/2023
Location: Melksham		Dimensions: 2.60m (0.60m)	Scale 1:25
Client: Bloor Homes		Depth: 2.60m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
2.00		HVP=172				
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.40		HVP=194				
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP50
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	27/07/2023
Location: Melksham		Dimensions: 2.70m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.30			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP51
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	27/07/2023
Location: Melksham		Dimensions: 2.50m x 0.60m	Scale 1:25
Client: Bloor Homes		Depth: 2.50m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.30			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP52
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	27/07/2023
Location: Melksham		Dimensions: 2.50m, 0.60m, Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP53
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	27/07/2023
Location: Melksham		Dimensions: 2.80m, 0.60m	Scale 1:25
Client: Bloor Homes		Depth: 2.60m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
2.00		HVP=169				
			2.30			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=191				
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP54
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	27/07/2023
Location: Melksham		Dimensions: 2.70m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.30			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP55
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	27/07/2023
Location: Melksham		Dimensions: 2.80m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			
0.40	ES					Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP56
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	27/07/2023
Location: Melksham		Dimensions: 2.50m (0.60m) Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
1.50		HVP=186				
			2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=194	2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP57
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	27/07/2023
Location: Melksham		Dimensions: Depth: 2.60m (2.60m × 0.60m)	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
1.40	D		1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
2.20	D		2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.50			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP58
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	27/07/2023
Location: Melksham		Dimensions: 2.70m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.30			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP59
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	27/07/2023
Location: Melksham		Dimensions: Depth: 2.50m (2.80m × 0.60m)	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
1.00		HVP=153				
			1.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
2.00		HVP=128				
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=197	2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP60
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	27/07/2023
Location: Melksham		Dimensions: 2.60m (0.60m) Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			
0.40	ES					Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			
						Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.20			
						Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			
						Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP61
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	27/07/2023
Location: Melksham		Dimensions: 2.60m (0.60m) Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP62
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	27/07/2023
Location: Melksham		Dimensions: 2.60m (0.60m) Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP63
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	27/07/2023
Location: Melksham		Dimensions: 2.70m / 0.60m / Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			
0.40	ES					Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
0.80		HVP=144				
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
1.80		HVP=178				
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.40		HVP=197	2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP64
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	28/07/2023
Location: Melksham		Dimensions: 2.50m (0.60m) Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			
0.40	ES					Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.40		HVP=197				
			2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP65
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	28/07/2023
Location: Melksham		Dimensions: 2.50m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
2.00		HVP=131				
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=197				
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP66
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	28/07/2023
Location: Melksham		Dimensions: 2.80m, 0.60m, Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
			0.30			TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
0.40	ES		1.10			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
1.50	D		2.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.60			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
						Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP67
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	28/07/2023
Location: Melksham		Dimensions: 2.70m / 0.60m	Scale 1:25
Client: Bloor Homes		Depth: 2.60m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP68
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	28/07/2023
Location: Melksham		Dimensions: 2.80m / 0.60m	Scale 1:25
Client: Bloor Homes		Depth: 2.60m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
1.00	D					
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
1.50	D					
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50	D					
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP69
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	28/07/2023
Location: Melksham		Dimensions: 2.50m x 0.60m	Scale 1:25
Client: Bloor Homes		Depth: 2.50m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
1.00		HVP=158				
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
1.50		HVP=142				
2.00		HVP=147	2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=191	2.50			Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP70
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	28/07/2023
Location: Melksham		Dimensions: 2.60m / 0.60m / Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			
0.40	ES					Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			
						Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.10			
						Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.50			
						Trialpit Complete at 2.500m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP71
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	28/07/2023
Location: Melksham		Dimensions: 2.70m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
0.10	ES					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP72
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	28/07/2023
Location: Melksham		Dimensions: 2.80m / 0.60m	Scale 1:25
Client: Bloor Homes		Depth: 2.60m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP73
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	28/07/2023
Location: Melksham		Dimensions: 2.60m (0.60m) Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP74
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	28/07/2023
Location: Melksham		Dimensions: 2.60m (0.60m)	Scale 1:25
Client: Bloor Homes		Depth: 2.60m	Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
2.00		HVP=147				
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=188				
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP75
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	28/07/2023
Location: Melksham		Dimensions: 2.60m (0.60m) Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP76
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	28/07/2023
Location: Melksham		Dimensions: 2.70m, 0.60m, Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
2.00		HVP=183				
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=197				
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP77
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	28/07/2023
Location: Melksham		Dimensions: 2.50m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
1.50		HVP=139	1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=197	2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP78
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	31/07/2023
Location: Melksham		Dimensions: 2.50m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP79
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	31/07/2023
Location: Melksham		Dimensions: 2.80m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
1.50		HVP=169				
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=188				
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP80
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	31/07/2023
Location: Melksham		Dimensions: 2.70m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP81
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	31/07/2023
Location: Melksham		Dimensions: 2.80m, 0.60m, Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP82
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	31/07/2023
Location: Melksham		Dimensions: 2.50m, 0.60m, Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP83
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	31/07/2023
Location: Melksham		Dimensions: Depth: 2.60m (2.60m × 0.60m)	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
			0.30			TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
0.50		HVP=183				Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
1.50		HVP=125				
			1.90			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=191				
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP84
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	31/07/2023
Location: Melksham		Dimensions: 2.70m, 0.60m, Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			1.80			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP85
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	31/07/2023
Location: Melksham		Dimensions: 2.80m, 0.60m, Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			1.90			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP86
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	31/07/2023
Location: Melksham		Dimensions: Depth: 2.60m (2.60m × 0.60m)	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
1.50		HVP=144				
			2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=197				
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP87
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	31/07/2023
Location: Melksham		Dimensions: Depth: 2.60m (2.60m × 0.60m)	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP88
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	31/07/2023
Location: Melksham		Dimensions: 2.60m (0.60m) Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP89
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	31/07/2023
Location: Melksham		Dimensions: 2.70m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP90
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	31/07/2023
Location: Melksham		Dimensions: 2.50m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP91
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	31/07/2023
Location: Melksham		Dimensions: 2.50m, 0.60m, Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP92
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	31/07/2023
Location: Melksham		Dimensions: 2.90m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.20			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
1.50		HVP=169				
2.00		HVP=178				
			2.10			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
2.50		HVP=194				
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP93
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	31/07/2023
Location: Melksham		Dimensions: 2.40m / 0.60m / Depth: 2.60m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
			2.60			Trialpit Complete at 2.600m

Remarks:

Stability: Pit remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
SAA
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	11/10/2023
Location: Melksham		Dimensions: 2.00m (0.45m) Depth: 2.00m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.00			Trialpit Complete at 2.000m

Remarks:

Stability: PIt remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
SAB
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	11/10/2023
Location: Melksham		Dimensions: 2.00m, 0.45m, Depth: 1.10m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.05			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			1.10			Trialpit Complete at 1.100m

Remarks:

Stability: PIt remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
SAC
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	11/10/2023
Location: Melksham		Dimensions: 2.00m, 0.45m, Depth: 0.90m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			0.85			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			0.90			Trialpit Complete at 0.900m

Remarks:

Stability: PIt remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
SAD
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	11/10/2023
Location: Melksham		Dimensions: 2.00m, 0.45m, Depth: 1.00m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.20			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			0.95			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			1.00			Trialpit Complete at 1.000m

Remarks:

Stability: PIt remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
SAE
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	11/10/2023
Location: Melksham		Dimensions: 2.00m, 0.45m, Depth: 1.00m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.25			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.00			Trialpit Complete at 1.000m

Remarks:

Stability: PIt remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
SAF
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	11/10/2023
Location: Melksham		Dimensions: 2.00m, 0.45m, Depth: 1.10m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.10			Trialpit Complete at 1.100m

Remarks:

Stability: PIt remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP94
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	11/10/2023
Location: Melksham		Dimensions: 2.60m, 0.45m, Depth: 2.50m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
			0.10			TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert with rare concrete, glass, brick and clinker.
			0.50			MADE GROUND: Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare roots and rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert with rare concrete and brick.
			1.10			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			2.00			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.50			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION..
						Trialpit Complete at 2.500m

Remarks:

Stability: PIt remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

TrialPit No
TP95
Sheet 1 of 1

Project Name	Project No.	Co-ords: -	Date
New Farm, Sandridge Common, Melksham	48309	Level:	11/10/2023
Location: Melksham		Dimensions: 2.40m, 0.45m, Depth: 2.00m	Scale 1:25
Client: Bloor Homes			Logged AMN

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description
Depth (m)	Type	Results				
						TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
			0.30			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
			1.30			Stiff to very stiff bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments, occasional wood debris and rare pockets of white silt. WEATHERED OXFORD CLAY FORMATION..
			2.00			Trialpit Complete at 2.000m

Remarks:

Stability: PIt remained stable throughout excavation.

Eastwood
CONSULTING ENGINEERS

Borehole Log

Borehole No.
BH01
Sheet 1 of 2

Project Name: New Farm, Sandridge Common, Melksham	Project No. 48309	Co-ords: -	Hole Type CP
Location: Melksham		Level:	Scale 1:50
Client: Bloor Homes		Dates: 27/07/2023 - 28/07/2023	Logged By AMN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.30			TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
		1.00	D		1.20			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
		1.50		N=9 (1,2/1,2,3,3)				
		2.00	D		2.50			Stiff to very stiff locally indistinctly fissured bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED OXFORD CLAY FORMATION.
		3.00	D					Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak bluish grey mottled brown mudstone. WEATHERED OXFORD CLAY FORMATION.
		3.00		N=10 (1,1/2,2,3,3)				
		4.00	D					
		4.50		N=12 (1,2/2,3,3,4)				
		5.00	D					
	▼							
	▽	6.00	D		6.00			
		6.00		N=17 (2,3/3,4,4,6)				Very stiff fissured laminated dark bluish grey CLAY with occasional to frequent shell fragments and rare burrows. OXFORD CLAY FORMATION.
		7.00	D					
		7.50		N=35 (4,6/8,8,9,10)				
		8.00	D					
		9.00	D					
		9.00		N=50 (4,7/50 for 245mm)				
		10.00	D					

Continued on next sheet

Remarks
Water level in the morning at 3.7 m bgl.

Eastwood
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Borehole Log

Borehole No.
BH01
Sheet 2 of 2

Project Name:	New Farm, Sandridge Common, Melksham	Project No. 48309	Co-ords: -	Hole Type CP
Location:	Melksham		Level:	Scale 1:50
Client:	Bloor Homes		Dates: 27/07/2023 - 28/07/2023	Logged By AMN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		10.50		50 (10,10/50 for 175mm)	10.50			End of borehole at 10.50 m

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Remarks
Water level in the morning at 3.7 m bgl.

Eastwood
CONSULTING ENGINEERS

Borehole Log

Borehole No.
BH02
Sheet 1 of 2

Project Name: New Farm, Sandridge Common, Melksham	Project No. 48309	Co-ords: -	Hole Type CP
Location: Melksham		Level:	Scale 1:50
Client: Bloor Homes		Dates: 28/07/2023 - 31/07/2023	Logged By AMN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.30			TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
		1.00	D		1.20			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
		1.50		N=6 (1,1/1,2,1,2)				
		2.00	D		2.00			Stiff to very stiff locally indistinctly fissured bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED OXFORD CLAY FORMATION.
		2.00 - 2.45	U					
		3.00	D					Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak bluish grey mottled brown mudstone. WEATHERED OXFORD CLAY FORMATION.
		3.00		N=8 (1,2/1,2,2,3)				
		4.00	D		4.00			Very stiff fissured laminated dark bluish grey CLAY with occasional to frequent shell fragments and rare burrows. OXFORD CLAY FORMATION.
		4.50		N=9 (1,1/1,2,3,3)				
		5.00	D					
		6.00 - 6.45	U					
		6.50	D					
		7.50	D					
		7.50		N=32 (3,5/6,8,9,9)				
		8.50	D					
		9.00		N=39 (3,6/7,9,9,14)				
		9.50	D					

Continued on next sheet

Remarks

Eastwood
CONSULTING ENGINEERS

Borehole Log

Borehole No.
BH02
Sheet 2 of 2

Project Name:	New Farm, Sandridge Common, Melksham	Project No. 48309	Co-ords: -	Hole Type CP
Location:	Melksham		Level:	Scale 1:50
Client:	Bloor Homes		Dates: 28/07/2023 - 31/07/2023	Logged By AMN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		10.50	D					
		10.50		N=37 (4,6/6,10,10,11)				
		11.50	D					
		12.00		N=50 (2,6/9,12,14,15)				
		12.50	D					
		13.50	D					
		13.50		50 (4,14/50 for 150mm)				
		13.90		50 (7,18/50 for 115mm)	13.90 14.10			Very weak to weak dark grey and grey slightly micaceous shelly MUDSTONE. End of borehole at 14.10 m

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Remarks

Eastwood
CONSULTING ENGINEERS

Borehole Log

Borehole No.
BH03
Sheet 1 of 2

Project Name: New Farm, Sandridge Common, Melksham	Project No. 48309	Co-ords: -	Hole Type CP
Location: Melksham		Level:	Scale 1:50
Client: Bloor Homes		Dates: 31/07/2023 - 01/08/2023	Logged By AMN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20 - 0.50	B		0.30			TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
		0.50	D					Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
		1.50	D		1.20			Stiff to very stiff locally indistinctly fissured bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED OXFORD CLAY FORMATION.
		1.50		N=7 (1,1/2,2,1,2)				
		2.40	D		2.40			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak bluish grey mottled brown mudstone. WEATHERED OXFORD CLAY FORMATION.
		3.00 - 3.45	U					
		3.45 - 3.50	D					
		4.50	D					
		4.50		N=13 (2,3/3,3,3,4)				
		5.00	D					
		6.00	D		6.00			Very stiff fissured laminated dark bluish grey CLAY with occasional to frequent shell fragments and rare burrows. OXFORD CLAY FORMATION.
		6.00		N=26 (2,3/5,6,7,8)				
		7.00	D					
		7.50		N=39 (4,4/7,9,11,12)				
		8.00	D					
		9.00	D					
		9.00 - 9.45	U					
		9.45 - 9.50	D					

Continued on next sheet

Remarks

Eastwood
CONSULTING ENGINEERS

Borehole Log

Borehole No.
BH03
Sheet 2 of 2

Project Name:	New Farm, Sandridge Common, Melksham	Project No. 48309	Co-ords: -	Hole Type CP
Location:	Melksham		Level:	Scale 1:50
Client:	Bloor Homes		Dates: 31/07/2023 - 01/08/2023	Logged By AMN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		10.50 10.50	D	N=50 (4,8/10,12,13,15)				
		11.50	D					
		12.00		50 (4,9/50 for 195mm)				
		12.50	D					
		13.50		50 (5,11/50 for 180mm)	13.50 13.85			Very weak to weak dark grey and grey slightly micaceous shelly MUDSTONE. End of borehole at 13.85 m

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Remarks

Eastwood
CONSULTING ENGINEERS

Borehole Log

Borehole No.
BH04
Sheet 1 of 2

Project Name:	New Farm, Sandridge Common, Melksham	Project No. 48309	Co-ords: -	Hole Type CP
Location:	Melksham		Level:	Scale 1:50
Client:	Bloor Homes		Dates: 01/08/2023 - 02/08/2023	Logged By AMN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.40	B					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
		0.40	D		0.40			
					1.10			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
		1.50	D					
		1.50		N=9 (1,2/2,3,2,2)				
					2.00			Stiff to very stiff locally indistinctly fissured bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED OXFORD CLAY FORMATION.
		2.50	D					
		3.00	D		3.00			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent to numerous gypsum, frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak bluish grey mottled brown mudstone. WEATHERED OXFORD CLAY FORMATION.
		3.00		N=9 (1,1/1,3,3,2)				
		4.00	D					
		4.00 - 4.45	U					
		4.45 - 4.50	D					Very stiff fissured laminated dark bluish grey CLAY with occasional to frequent shell fragments and rare burrows. OXFORD CLAY FORMATION.
		4.50		N=17 (2,3/3,4,5,5)				
		5.50	D					
		6.00		N=23 (2,3/3,5,7,8)				
		6.50	D					
		7.50	D					
		7.50		N=25 (2,3/5,5,7,8)				
		8.50	D					
		9.00		N=28 (2,4/6,6,7,9)				
		9.50	D					
		10.00 - 10.45	U					

Continued on next sheet

Remarks

Eastwood
CONSULTING ENGINEERS

Borehole Log

Borehole No.
BH04
Sheet 2 of 2

Project Name:	New Farm, Sandridge Common, Melksham	Project No. 48309	Co-ords: -	Hole Type CP
Location:	Melksham		Level:	Scale 1:50
Client:	Bloor Homes		Dates: 01/08/2023 - 02/08/2023	Logged By AMN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		10.45 - 10.50 10.50	D	N=41 (3,7/9,9,10,13)				
		11.50	D					
		12.00		N=50 (4,9/50 for 240mm)				
		12.50	D					
		13.00		50 (7,11/50 for 180mm)				
		13.40		50 (7,9/50 for 180mm)	13.40 13.75			Very weak to weak dark grey and grey slightly micaceous shelly MUDSTONE. End of borehole at 13.75 m

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Remarks

Eastwood
CONSULTING ENGINEERS

Borehole Log

Borehole No.
BH05
Sheet 1 of 2

Project Name:	New Farm, Sandridge Common, Melksham	Project No. 48309	Co-ords: -	Hole Type CP
Location:	Melksham		Level:	Scale 1:50
Client:	Bloor Homes		Dates: 02/08/2023 - 02/08/2023	Logged By AMN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10 - 0.40	B					TOPSOIL: Grass over soft to firm dark brown mottled brown and light brown slightly sandy slightly gravelly silty CLAY with frequent to numerous rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of flint and chert.
		0.40	D		0.40			Firm to stiff greyish brown mottled grey and light brown slightly sandy slightly gravelly CLAY with occasional to frequent pockets of off white silt and rare rootlets. Sand is fine to coarse. Gravel is sub angular to sub rounded fine to coarse of chert. SUPERFICIAL DEPOSITS
		1.50	D		1.20			Stiff to very stiff locally indistinctly fissured bluish grey mottled orangish brown and dark orangish brown slightly sandy CLAY with numerous to abundant gypsum, frequent shells and shell fragments and occasional wood debris. WEATHERED OXFORD CLAY FORMATION.
		1.50		N=12 (1,2/3,3,3,3)				
		2.50	D		2.20			Very stiff fissured fissile bluish grey mottled dark bluish grey locally light orangish brown and light brown slightly gravelly CLAY with frequent shells and shell fragments and occasional wood debris. Fissures are predominately horizontal. Gravel is angular fine to coarse of extremely weak to very weak greyish brown mudstone. WEATHERED OXFORD CLAY FORMATION.
		3.00		N=10 (1,1/2,2,3,3)	2.50			
		3.50	D					Very stiff fissured laminated dark bluish grey CLAY with occasional to frequent shell fragments and rare burrows. OXFORD CLAY FORMATION.
		4.50	D					
		4.50		N=17 (2,4/3,5,5,4)				
		5.50	D					
		6.00 - 6.45	U					
		6.45 - 6.50	D					
		7.50	D					
		7.50		N=40 (3,6/8,10,11,11)				
		8.50	D					
		9.00		N=50 (7,7/50 for 290mm)				
		9.50	D					

Continued on next sheet

Remarks

Eastwood
CONSULTING ENGINEERS

Borehole Log

Borehole No.
BH05
Sheet 2 of 2

Project Name:	New Farm, Sandridge Common, Melksham	Project No. 48309	Co-ords: -	Hole Type CP
Location:	Melksham		Level:	Scale 1:50
Client:	Bloor Homes		Dates: 02/08/2023 - 02/08/2023	Logged By AMN

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		10.50 10.50	D	N=50 (4,11/50 for 225mm)				
		11.00 - 11.45	U					
		11.45 - 11.50	D					
		12.00		N=50 (5,9/50 for 225mm)	12.00			Very weak to weak dark grey and grey slightly micaceous shelly MUDSTONE.
					12.40			End of borehole at 12.40 m

11 12 13 14 15 16 17 18 19 20

Remarks

Appendix 4

Chemical Test Results – (23-25982)

Geotechnical Test Results – (GEO/38592)

Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

Amended Report

Report No.:	23-25982-2		
Initial Date of Issue:	16-Aug-2023	**Date of Re-Issue:**	06-Sep-2023
Re-Issue Details:	This report has been revised and directly supersedes 23-25982-1 in its entirety		
Client	Eastwood & Partners		
Client Address:	St. Andrews House 23 Kingfield Road Sheffield South Yorkshire S11 9AS		
Contact(s):	Alex Newman Ruth Noble		
Project	48309 New Farm, Sandridge Common, Melksham		
Quotation No.:		**Date Received:**	02-Aug-2023
Order No.:	48309	**Date Instructed:**	02-Aug-2023
No. of Samples:	66		
Turnaround (Wkdays):	7	**Results Due:**	10-Aug-2023
Date Approved:	16-Aug-2023		
Approved By:			
Details:	Stuart Henderson, Technical Manager		

Results - Soil

Project: 48309 New Farm, Sandridge Common, Melksham

Client: Eastwood & Partners			**Chemtest Job No.:**		23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982
Quotation No.:			**Chemtest Sample ID.:**		1682595	1682596	1682597	1682598	1682599	1682600	1682601	1682602	1682603
Order No.: 48309			Client Sample Ref.:		Topsoil	Subsoil	Topsoil	Topsoil	Subsoil	Topsoil	Topsoil	Subsoil	Subsoil
			Client Sample ID.:		ES101	ES102	ES101	ES101	ES102	ES101	ES101	ES102	ES101
			Sample Location:		TP01	TP01	TP02	TP04	TP04	TP05	TP07	TP07	TP08
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.1	0.8	0.1	0.1	0.5	0.1	0.1	0.5	0.1
			Date Sampled:		24-Jul-2023	24-Jul-2023	24-Jul-2023	24-Jul-2023	24-Jul-2023	24-Jul-2023	24-Jul-2023	24-Jul-2023	24-Jul-2023
			Asbestos Lab:										
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
ACM Type	U	2192		N/A									
Asbestos Identification	U	2192		N/A									
Moisture	N	2030	%	0.020	33	19	28	26	23	54	26	24	27
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Roots and Stones	Stones	Stones	Stones and Roots	Roots	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots
Soil Texture	N	2040		N/A	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay
pH	M	2010		4.0	6.9	8.1	6.9	6.9	8.2	6.9	6.9	8.1	7.5
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010		0.12			< 0.010			0.18	
Total Sulphur	U	2175	%	0.010		0.049			0.013			0.019	
Sulphate (Acid Soluble)	U	2430	%	0.010		0.086			0.027			0.046	
Arsenic	M	2455	mg/kg	0.5	14	15	13	12	21	12	14	21	14
Cadmium	M	2455	mg/kg	0.10	0.46	< 0.10	0.18	0.11	< 0.10	0.13	0.11	< 0.10	< 0.10
Chromium	M	2455	mg/kg	0.5	44	41	46	36	41	37	34	38	31
Copper	M	2455	mg/kg	0.50	26	15	22	19	12	17	14	11	13
Mercury	M	2455	mg/kg	0.05	0.10	< 0.05	0.10	0.08	< 0.05	0.07	0.33	< 0.05	0.09
Nickel	M	2455	mg/kg	0.50	26	48	18	19	23	16	17	23	17
Lead	M	2455	mg/kg	0.50	42	15	44	33	19	36	36	27	33
Selenium	M	2455	mg/kg	0.25	0.81	0.84	0.71	0.61	0.89	0.56	0.55	0.88	0.54
Zinc	M	2455	mg/kg	0.50	110	88	120	100	78	97	78	75	79
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20		0.35					5.6		
Naphthalene	M	2800	mg/kg	0.10	0.13	< 0.10	0.17	0.13	< 0.10	0.20	0.13	< 0.10	0.12
Acenaphthylene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Anthracene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	M	2800	mg/kg	0.10	0.16	< 0.10	0.21	0.12	< 0.10	0.18	< 0.10	< 0.10	< 0.10
Pyrene	M	2800	mg/kg	0.10	0.14	< 0.10	0.18	< 0.10	< 0.10	0.17	< 0.10	< 0.10	< 0.10
Benzo[a]anthracene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.11	< 0.10	< 0.10	< 0.10
Chrysene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.16	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.10	< 0.10	< 0.10	< 0.10

Results - Soil

Project: 48309 New Farm, Sandridge Common, Melksham

Client: Eastwood & Partners			**Chemtest Job No.:**		23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982
Quotation No.:			**Chemtest Sample ID.:**		1682595	1682596	1682597	1682598	1682599	1682600	1682601	1682602	1682603
Order No.: 48309			Client Sample Ref.:		Topsoil	Subsoil	Topsoil	Topsoil	Subsoil	Topsoil	Topsoil	Subsoil	Subsoil
			Client Sample ID.:		ES101	ES102	ES101	ES101	ES102	ES101	ES101	ES102	ES101
			Sample Location:		TP01	TP01	TP02	TP04	TP04	TP05	TP07	TP07	TP08
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.1	0.8	0.1	0.1	0.5	0.1	0.1	0.5	0.1
			Date Sampled:		24-Jul-2023	24-Jul-2023	24-Jul-2023	24-Jul-2023	24-Jul-2023	24-Jul-2023	24-Jul-2023	24-Jul-2023	24-Jul-2023
			Asbestos Lab:										
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.11	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	N	2800	mg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Demeton-O	N	2820	mg/kg	0.20			< 0.20						
Phorate	N	2820	mg/kg	0.20			< 0.20						
Demeton-S	N	2820	mg/kg	0.20			< 0.20						
Disulfoton	N	2820	mg/kg	0.20			< 0.20						
Fenthion	N	2820	mg/kg	0.20			< 0.20						
Trichloronate	N	2820	mg/kg	0.20			< 0.20						
Prothiofos	N	2820	mg/kg	0.20			< 0.20						
Fensulphothion	N	2820	mg/kg	0.20			< 0.20						
Sulprofos	N	2820	mg/kg	0.20			< 0.20						
Azinphos-Methyl	N	2820	mg/kg	0.20			< 0.20						
Coumaphos	N	2820	mg/kg	0.20			< 0.20						
Alpha-HCH	N	2840	mg/kg	0.20			< 0.20						
Gamma-HCH (Lindane)	N	2840	mg/kg	0.20			< 0.20						
Beta-HCH	N	2840	mg/kg	0.20			< 0.20						
Delta-HCH	N	2840	mg/kg	0.20			< 0.20						
Heptachlor	N	2840	mg/kg	0.20			< 0.20						
Aldrin	N	2840	mg/kg	0.20			< 0.20						
Heptachlor Epoxide	N	2840	mg/kg	0.20			< 0.20						
Gamma-Chlordane	N	2840	mg/kg	0.20			< 0.20						
Alpha-Chlordane	N	2840	mg/kg	0.20			< 0.20						
Endosulfan I	N	2840	mg/kg	0.20			< 0.20						
4,4-DDE	N	2840	mg/kg	0.20			< 0.20						
Dieldrin	N	2840	mg/kg	0.20			< 0.20						
Endrin	N	2840	mg/kg	0.20			< 0.20						
4,4-DDD	N	2840	mg/kg	0.20			< 0.20						
Endosulfan II	N	2840	mg/kg	0.20			< 0.20						
Endrin Aldehyde	N	2840	mg/kg	0.20			< 0.20						
4,4-DDT	N	2840	mg/kg	0.20			< 0.20						
Endosulfan Sulphate	N	2840	mg/kg	0.20			< 0.20						
Methoxychlor	N	2840	mg/kg	0.20			< 0.20						
Endrin Ketone	N	2840	mg/kg	0.20			< 0.20						

Results - Soil

Project: 48309 New Farm, Sandridge Common, Melksham

Client: Eastwood & Partners			**Chemtest Job No.:**		23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982
Quotation No.:			**Chemtest Sample ID.:**		1682605	1682606	1682607	1682608	1682609	1682610	1682611	1682612	1682613
Order No.: 48309			Client Sample Ref.:		Subsoil	Topsoil	Topsoil	Topsoil	Topsoil	Subsoil	Topsoil	Topsoil	Subsoil
			Client Sample ID.:		ES102	ES101	ES101	ES101	ES101	ES102	ES101	ES101	ES101
			Sample Location:		TP09	TP11	TP13	TP15	TP17	TP17	TP19	TP21	TP22
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.5	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.6
			Date Sampled:		24-Jul-2023	24-Jul-2023	25-Jul-2023	25-Jul-2023	25-Jul-2023	25-Jul-2023	25-Jul-2023	25-Jul-2023	25-Jul-2023
			Asbestos Lab:										
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
ACM Type	U	2192		N/A									
Asbestos Identification	U	2192		N/A									
Moisture	N	2030	%	0.020	22	29	28	27	22	22	25	30	23
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots	None	Stones and Roots	Stones and Roots	Stones
Soil Texture	N	2040		N/A	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay
pH	M	2010		4.0	8.1	7.3	7.2	6.9	7.2	8.1	7.7	7.1	7.7
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.021					0.012			0.015
Total Sulphur	U	2175	%	0.010	0.012					0.027			0.024
Sulphate (Acid Soluble)	U	2430	%	0.010	0.027					0.044			0.043
Arsenic	M	2455	mg/kg	0.5	19	13	15	18	15	22	20	14	28
Cadmium	M	2455	mg/kg	0.10	< 0.10	< 0.10	< 0.10	0.19	< 0.10	< 0.10	0.43	0.15	< 0.10
Chromium	M	2455	mg/kg	0.5	37	32	34	45	30	42	42	38	45
Copper	M	2455	mg/kg	0.50	12	14	16	23	16	16	16	17	10
Mercury	M	2455	mg/kg	0.05	< 0.05	0.14	0.10	0.16	0.09	< 0.05	0.10	0.10	< 0.05
Nickel	M	2455	mg/kg	0.50	25	16	19	24	18	24	21	18	23
Lead	M	2455	mg/kg	0.50	22	35	41	59	39	25	45	40	33
Selenium	M	2455	mg/kg	0.25	0.85	0.56	0.63	0.84	0.60	0.86	0.81	0.64	1.3
Zinc	M	2455	mg/kg	0.50	79	82	84	120	86	82	96	96	88
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20		5.5		7.3					
Naphthalene	M	2800	mg/kg	0.10	< 0.10	0.21	0.13	0.18	< 0.10	< 0.10	< 0.10	0.12	< 0.10
Acenaphthylene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	M	2800	mg/kg	0.10	< 0.10	0.16	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Anthracene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	M	2800	mg/kg	0.10	< 0.10	0.32	< 0.10	0.13	0.11	< 0.10	< 0.10	0.10	< 0.10
Pyrene	M	2800	mg/kg	0.10	< 0.10	0.25	0.11	0.12	0.13	< 0.10	< 0.10	0.10	< 0.10
Benzo[a]anthracene	M	2800	mg/kg	0.10	< 0.10	0.20	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene	M	2800	mg/kg	0.10	< 0.10	0.15	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	< 0.10	0.24	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	< 0.10	0.14	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	M	2800	mg/kg	0.10	< 0.10	0.21	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Soil

Project: 48309 New Farm, Sandridge Common, Melksham

Client: Eastwood & Partners			**Chemtest Job No.:**		23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982
Quotation No.:			**Chemtest Sample ID.:**		1682605	1682606	1682607	1682608	1682609	1682610	1682611	1682612	1682613
Order No.: 48309			Client Sample Ref.:		Subsoil	Topsoil	Topsoil	Topsoil	Topsoil	Subsoil	Topsoil	Topsoil	Subsoil
			Client Sample ID.:		ES102	ES101	ES101	ES101	ES101	ES102	ES101	ES101	ES101
			Sample Location:		TP09	TP11	TP13	TP15	TP17	TP17	TP19	TP21	TP22
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.5	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.6
			Date Sampled:		24-Jul-2023	24-Jul-2023	25-Jul-2023	25-Jul-2023	25-Jul-2023	25-Jul-2023	25-Jul-2023	25-Jul-2023	25-Jul-2023
			Asbestos Lab:										
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	< 0.10	0.19	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	< 0.10	0.15	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	N	2800	mg/kg	2.0	< 2.0	2.2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Demeton-O	N	2820	mg/kg	0.20							< 0.20		
Phorate	N	2820	mg/kg	0.20							< 0.20		
Demeton-S	N	2820	mg/kg	0.20							< 0.20		
Disulfoton	N	2820	mg/kg	0.20							< 0.20		
Fenthion	N	2820	mg/kg	0.20							< 0.20		
Trichloronate	N	2820	mg/kg	0.20							< 0.20		
Prothiofos	N	2820	mg/kg	0.20							< 0.20		
Fensulphothion	N	2820	mg/kg	0.20							< 0.20		
Sulprofos	N	2820	mg/kg	0.20							< 0.20		
Azinphos-Methyl	N	2820	mg/kg	0.20							< 0.20		
Coumaphos	N	2820	mg/kg	0.20							< 0.20		
Alpha-HCH	N	2840	mg/kg	0.20							< 0.20		
Gamma-HCH (Lindane)	N	2840	mg/kg	0.20							< 0.20		
Beta-HCH	N	2840	mg/kg	0.20							< 0.20		
Delta-HCH	N	2840	mg/kg	0.20							< 0.20		
Heptachlor	N	2840	mg/kg	0.20							< 0.20		
Aldrin	N	2840	mg/kg	0.20							< 0.20		
Heptachlor Epoxide	N	2840	mg/kg	0.20							< 0.20		
Gamma-Chlordane	N	2840	mg/kg	0.20							< 0.20		
Alpha-Chlordane	N	2840	mg/kg	0.20							< 0.20		
Endosulfan I	N	2840	mg/kg	0.20							< 0.20		
4,4-DDE	N	2840	mg/kg	0.20							< 0.20		
Dieldrin	N	2840	mg/kg	0.20							< 0.20		
Endrin	N	2840	mg/kg	0.20							< 0.20		
4,4-DDD	N	2840	mg/kg	0.20							< 0.20		
Endosulfan II	N	2840	mg/kg	0.20							< 0.20		
Endrin Aldehyde	N	2840	mg/kg	0.20							< 0.20		
4,4-DDT	N	2840	mg/kg	0.20							< 0.20		
Endosulfan Sulphate	N	2840	mg/kg	0.20							< 0.20		
Methoxychlor	N	2840	mg/kg	0.20							< 0.20		
Endrin Ketone	N	2840	mg/kg	0.20							< 0.20		

Results - Soil

Project: 48309 New Farm, Sandridge Common, Melksham

Client: Eastwood & Partners			**Chemtest Job No.:**		23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982
Quotation No.:			**Chemtest Sample ID.:**		1682614	1682615	1682616	1682617	1682618	1682619	1682620	1682621	1682622
Order No.: 48309			Client Sample Ref.:		Topsoil	Topsoil	Subsoil	Topsoil	Topsoil	Topsoil	Topsoil	Subsoil	Topsoil
			Client Sample ID.:		ES101	ES101	ES102	ES101	ES101	Topsoil	Topsoil	ES102	ES101
			Sample Location:		TP24	TP26	TP26	TP29	TP31	TP33	TP35	TP35	TP37
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.1	0.1	0.7	0.1	0.1	0.1	0.1	0.6	0.1
			Date Sampled:		25-Jul-2023	25-Jul-2023	25-Jul-2023	25-Jul-2023	26-Jul-2023	26-Jul-2023	26-Jul-2023	26-Jul-2023	26-Jul-2023
			Asbestos Lab:										
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
ACM Type	U	2192		N/A									
Asbestos Identification	U	2192		N/A									
Moisture	N	2030	%	0.020	23	21	16	20	27	31	20	18	32
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown		Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots		Stones and Roots	Stones and Roots	Stones and Roots	Stones
Soil Texture	N	2040		N/A	Clay	Clay	Clay	Clay		Clay	Clay	Clay	Clay
pH	M	2010		4.0	6.9	6.9	8.1	6.9		7.5	7.6	8.1	6.9
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010			< 0.010					0.037	< 0.010
Total Sulphur	U	2175	%	0.010			0.053					0.015	0.20
Sulphate (Acid Soluble)	U	2430	%	0.010			0.039					0.035	0.24
Arsenic	M	2455	mg/kg	0.5	17	12	13	15		16	16	22	11
Cadmium	M	2455	mg/kg	0.10	0.10	< 0.10	< 0.10	0.11		0.16	< 0.10	< 0.10	0.51
Chromium	M	2455	mg/kg	0.5	30	21	23	42		36	43	42	35
Copper	M	2455	mg/kg	0.50	12	9.3	14	16		22	15	17	16
Mercury	M	2455	mg/kg	0.05	0.07	< 0.05	< 0.05	0.07		0.10	0.07	0.05	0.09
Nickel	M	2455	mg/kg	0.50	17	18	41	19		20	24	67	17
Lead	M	2455	mg/kg	0.50	37	21	12	43		48	45	23	41
Selenium	M	2455	mg/kg	0.25	0.64	0.59	1.0	0.75		0.82	0.91	1.4	0.94
Zinc	M	2455	mg/kg	0.50	78	65	72	93		100	97	94	95
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20			0.49				3.9		
Naphthalene	M	2800	mg/kg	0.10	0.24	0.11	< 0.10	< 0.10		0.17	< 0.10	< 0.10	< 0.10
Acenaphthylene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10
Anthracene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10		0.13	< 0.10	< 0.10	< 0.10
Pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10		0.13	< 0.10	< 0.10	< 0.10
Benzo[a]anthracene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10
Chrysene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10

Results - Soil

Project: 48309 New Farm, Sandridge Common, Melksham

Client: Eastwood & Partners			**Chemtest Job No.:**		23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982
Quotation No.:			**Chemtest Sample ID.:**		1682614	1682615	1682616	1682617	1682618	1682619	1682620	1682621	1682622
Order No.: 48309			Client Sample Ref.:		Topsoil	Topsoil	Subsoil	Topsoil	Topsoil	Topsoil	Topsoil	Subsoil	Topsoil
			Client Sample ID.:		ES101	ES101	ES102	ES101	ES101	Topsoil	Topsoil	ES102	ES101
			Sample Location:		TP24	TP26	TP26	TP29	TP31	TP33	TP35	TP35	TP37
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.1	0.1	0.7	0.1	0.1	0.1	0.1	0.6	0.1
			Date Sampled:		25-Jul-2023	25-Jul-2023	25-Jul-2023	25-Jul-2023	26-Jul-2023	26-Jul-2023	26-Jul-2023	26-Jul-2023	26-Jul-2023
			Asbestos Lab:										
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	N	2800	mg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0		< 2.0	< 2.0	< 2.0	< 2.0
Demeton-O	N	2820	mg/kg	0.20					< 0.20				
Phorate	N	2820	mg/kg	0.20					< 0.20				
Demeton-S	N	2820	mg/kg	0.20					< 0.20				
Disulfoton	N	2820	mg/kg	0.20					< 0.20				
Fenthion	N	2820	mg/kg	0.20					< 0.20				
Trichloronate	N	2820	mg/kg	0.20					< 0.20				
Prothiofos	N	2820	mg/kg	0.20					< 0.20				
Fensulphothion	N	2820	mg/kg	0.20					< 0.20				
Sulprofos	N	2820	mg/kg	0.20					< 0.20				
Azinphos-Methyl	N	2820	mg/kg	0.20					< 0.20				
Coumaphos	N	2820	mg/kg	0.20					< 0.20				
Alpha-HCH	N	2840	mg/kg	0.20					< 0.20				
Gamma-HCH (Lindane)	N	2840	mg/kg	0.20					< 0.20				
Beta-HCH	N	2840	mg/kg	0.20					< 0.20				
Delta-HCH	N	2840	mg/kg	0.20					< 0.20				
Heptachlor	N	2840	mg/kg	0.20					< 0.20				
Aldrin	N	2840	mg/kg	0.20					< 0.20				
Heptachlor Epoxide	N	2840	mg/kg	0.20					< 0.20				
Gamma-Chlordane	N	2840	mg/kg	0.20					< 0.20				
Alpha-Chlordane	N	2840	mg/kg	0.20					< 0.20				
Endosulfan I	N	2840	mg/kg	0.20					< 0.20				
4,4-DDE	N	2840	mg/kg	0.20					< 0.20				
Dieldrin	N	2840	mg/kg	0.20					< 0.20				
Endrin	N	2840	mg/kg	0.20					< 0.20				
4,4-DDD	N	2840	mg/kg	0.20					< 0.20				
Endosulfan II	N	2840	mg/kg	0.20					< 0.20				
Endrin Aldehyde	N	2840	mg/kg	0.20					< 0.20				
4,4-DDT	N	2840	mg/kg	0.20					< 0.20				
Endosulfan Sulphate	N	2840	mg/kg	0.20					< 0.20				
Methoxychlor	N	2840	mg/kg	0.20					< 0.20				
Endrin Ketone	N	2840	mg/kg	0.20					< 0.20				

Results - Soil

Project: 48309 New Farm, Sandridge Common, Melksham

Client: Eastwood & Partners				**Chemtest Job No.:**	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982
Quotation No.:				**Chemtest Sample ID.:**	1682623	1682624	1682625	1682626	1682627	1682628	1682629	1682630	1682631
Order No.: 48309				Client Sample Ref.:	Subsoil	Topsoil	Topsoil	Subsoil	Topsoil	Topsoil	Topsoil	Topsoil	Topsoil
				Client Sample ID.:	ES102	ES101	ES101	ES101	ES101	ES101	ES101	ES101	ES101
				Sample Location:	TP37	TP40	TP42	TP43	TP44	TP46	TP49	TP51	TP53
				Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):	0.4	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1
				Date Sampled:	26-Jul-2023	26-Jul-2023	26-Jul-2023	26-Jul-2023	26-Jul-2023	26-Jul-2023	27-Jul-2023	27-Jul-2023	27-Jul-2023
				Asbestos Lab:									
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
ACM Type	U	2192		N/A									
Asbestos Identification	U	2192		N/A									
Moisture	N	2030	%	0.020	21	31	23	22	30	28	28	30	23
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Stones	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots	Roots	Stones and Roots	Stones	Stones and Roots
Soil Texture	N	2040		N/A	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay
pH	M	2010		4.0	8.2	6.8	7.4	8.2	6.9	7.3	7.7	7.2	7.8
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.080			< 0.010		< 0.010			
Total Sulphur	U	2175	%	0.010	0.025			0.026		0.12			
Sulphate (Acid Soluble)	U	2430	%	0.010	0.073			0.086		0.13			
Arsenic	M	2455	mg/kg	0.5	21	12	14	32	13	13	18	13	16
Cadmium	M	2455	mg/kg	0.10	< 0.10	0.17	< 0.10	< 0.10	0.13	0.11	0.17	0.19	0.15
Chromium	M	2455	mg/kg	0.5	47	31	31	45	26	26	42	38	46
Copper	M	2455	mg/kg	0.50	21	17	11	12	14	14	23	25	22
Mercury	M	2455	mg/kg	0.05	0.05	0.08	0.07	< 0.05	0.07	0.07	0.15	0.14	0.08
Nickel	M	2455	mg/kg	0.50	88	14	17	25	17	17	25	21	27
Lead	M	2455	mg/kg	0.50	27	36	34	28	35	38	59	55	53
Selenium	M	2455	mg/kg	0.25	1.7	0.52	0.62	1.1	0.69	0.65	1.0	0.86	1.1
Zinc	M	2455	mg/kg	0.50	130	90	76	97	76	78	130	100	100
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20			5.2				5.0		5.6
Naphthalene	M	2800	mg/kg	0.10	< 0.10	0.29	< 0.10	< 0.10	0.22	< 0.10	0.17	0.17	0.13
Acenaphthylene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Anthracene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	M	2800	mg/kg	0.10	< 0.10	0.15	< 0.10	< 0.10	0.36	< 0.10	0.16	< 0.10	< 0.10
Pyrene	M	2800	mg/kg	0.10	< 0.10	0.14	< 0.10	< 0.10	0.31	< 0.10	0.15	0.12	< 0.10
Benzo[a]anthracene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Soil

Project: 48309 New Farm, Sandridge Common, Melksham

Client: Eastwood & Partners			**Chemtest Job No.:**		23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982
Quotation No.:			**Chemtest Sample ID.:**		1682623	1682624	1682625	1682626	1682627	1682628	1682629	1682630	1682631
Order No.: 48309			Client Sample Ref.:		Subsoil	Topsoil	Topsoil	Subsoil	Topsoil	Topsoil	Topsoil	Topsoil	Topsoil
			Client Sample ID.:		ES102	ES101	ES101	ES101	ES101	ES101	ES101	ES101	ES101
			Sample Location:		TP37	TP40	TP42	TP43	TP44	TP46	TP49	TP51	TP53
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.4	0.1	0.1	0.4	0.1	0.1	0.1	0.1	0.1
			Date Sampled:		26-Jul-2023	26-Jul-2023	26-Jul-2023	26-Jul-2023	26-Jul-2023	26-Jul-2023	27-Jul-2023	27-Jul-2023	27-Jul-2023
			Asbestos Lab:										
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	N	2800	mg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Demeton-O	N	2820	mg/kg	0.20					< 0.20				
Phorate	N	2820	mg/kg	0.20					< 0.20				
Demeton-S	N	2820	mg/kg	0.20					< 0.20				
Disulfoton	N	2820	mg/kg	0.20					< 0.20				
Fenthion	N	2820	mg/kg	0.20					< 0.20				
Trichloronate	N	2820	mg/kg	0.20					< 0.20				
Prothiofos	N	2820	mg/kg	0.20					< 0.20				
Fensulphothion	N	2820	mg/kg	0.20					< 0.20				
Sulprofos	N	2820	mg/kg	0.20					< 0.20				
Azinphos-Methyl	N	2820	mg/kg	0.20					< 0.20				
Coumaphos	N	2820	mg/kg	0.20					< 0.20				
Alpha-HCH	N	2840	mg/kg	0.20					< 0.20				
Gamma-HCH (Lindane)	N	2840	mg/kg	0.20					< 0.20				
Beta-HCH	N	2840	mg/kg	0.20					< 0.20				
Delta-HCH	N	2840	mg/kg	0.20					< 0.20				
Heptachlor	N	2840	mg/kg	0.20					< 0.20				
Aldrin	N	2840	mg/kg	0.20					< 0.20				
Heptachlor Epoxide	N	2840	mg/kg	0.20					< 0.20				
Gamma-Chlordane	N	2840	mg/kg	0.20					< 0.20				
Alpha-Chlordane	N	2840	mg/kg	0.20					< 0.20				
Endosulfan I	N	2840	mg/kg	0.20					< 0.20				
4,4-DDE	N	2840	mg/kg	0.20					< 0.20				
Dieldrin	N	2840	mg/kg	0.20					< 0.20				
Endrin	N	2840	mg/kg	0.20					< 0.20				
4,4-DDD	N	2840	mg/kg	0.20					< 0.20				
Endosulfan II	N	2840	mg/kg	0.20					< 0.20				
Endrin Aldehyde	N	2840	mg/kg	0.20					< 0.20				
4,4-DDT	N	2840	mg/kg	0.20					< 0.20				
Endosulfan Sulphate	N	2840	mg/kg	0.20					< 0.20				
Methoxychlor	N	2840	mg/kg	0.20					< 0.20				
Endrin Ketone	N	2840	mg/kg	0.20					< 0.20				

Results - Soil

Project: 48309 New Farm, Sandridge Common, Melksham

Client: Eastwood & Partners				**Chemtest Job No.:**	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982
Quotation No.:				**Chemtest Sample ID.:**	1682632	1682633	1682634	1682635	1682636	1682637	1682638	1682639	1682640
Order No.: 48309				Client Sample Ref.:	Topsoil	Subsoil	Topsoil	Topsoil	Subsoil	Topsoil	Subsoil	Topsoil	Subsoil
				Client Sample ID.:	ES101	ES101	ES101	ES101	ES101	ES101	ES101	ES101	ES101
				Sample Location:	TP55	TP55	TP57	TP62	TP64	TP65	TP66	TP67	TP68
				Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):	0.1	0.4	0.1	0.1	0.4	0.1	0.4	0.1	0.4
				Date Sampled:	27-Jul-2023	27-Jul-2023	27-Jul-2023	27-Jul-2023	28-Jul-2023	28-Jul-2023	28-Jul-2023	28-Jul-2023	28-Jul-2023
				Asbestos Lab:									
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
ACM Type	U	2192		N/A									
Asbestos Identification	U	2192		N/A									
Moisture	N	2030	%	0.020	28	24	24	23	19	21	23	27	25
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots	Roots	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots
Soil Texture	N	2040		N/A	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay
pH	M	2010		4.0	7.3	7.8	7.4	7.1	8.2	8.0	7.9	7.4	7.7
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010		0.030			0.078		0.022		0.029
Total Sulphur	U	2175	%	0.010		0.082			0.036		0.062		0.039
Sulphate (Acid Soluble)	U	2430	%	0.010		0.049			0.094		0.049		0.083
Arsenic	M	2455	mg/kg	0.5	9.6	12	12	15	16	14	15	8.2	12
Cadmium	M	2455	mg/kg	0.10	0.10	< 0.10	0.38	0.13	< 0.10	< 0.10	0.10	< 0.10	< 0.10
Chromium	M	2455	mg/kg	0.5	31	46	36	31	41	41	45	27	35
Copper	M	2455	mg/kg	0.50	17	17	15	16	16	11	15	11	12
Mercury	M	2455	mg/kg	0.05	0.08	0.06	0.10	0.11	< 0.05	< 0.05	0.10	0.08	0.08
Nickel	M	2455	mg/kg	0.50	17	26	22	16	33	22	20	12	16
Lead	M	2455	mg/kg	0.50	49	56	43	40	23	34	57	44	37
Selenium	M	2455	mg/kg	0.25	0.69	0.96	0.91	0.68	1.0	0.74	0.86	0.53	0.71
Zinc	M	2455	mg/kg	0.50	74	81	86	91	84	78	100	71	66
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20		5.0				3.3			
Naphthalene	M	2800	mg/kg	0.10	0.17	0.18	0.12	0.13	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	M	2800	mg/kg	0.10	0.11	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.11	< 0.10
Anthracene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	M	2800	mg/kg	0.10	0.19	< 0.10	0.21	< 0.10	< 0.10	< 0.10	< 0.10	0.19	0.11
Pyrene	M	2800	mg/kg	0.10	0.19	< 0.10	0.19	< 0.10	< 0.10	< 0.10	< 0.10	0.19	0.11
Benzo[a]anthracene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.12	< 0.10
Chrysene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.10	< 0.10
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Soil

Project: 48309 New Farm, Sandridge Common, Melksham

Client: Eastwood & Partners			**Chemtest Job No.:**		23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982
Quotation No.:			**Chemtest Sample ID.:**		1682632	1682633	1682634	1682635	1682636	1682637	1682638	1682639	1682640
Order No.: 48309			Client Sample Ref.:		Topsoil	Subsoil	Topsoil	Topsoil	Subsoil	Topsoil	Subsoil	Topsoil	Subsoil
			Client Sample ID.:		ES101	ES101	ES101	ES101	ES101	ES101	ES101	ES101	ES101
			Sample Location:		TP55	TP55	TP57	TP62	TP64	TP65	TP66	TP67	TP68
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.1	0.4	0.1	0.1	0.4	0.1	0.4	0.1	0.4
			Date Sampled:		27-Jul-2023	27-Jul-2023	27-Jul-2023	27-Jul-2023	28-Jul-2023	28-Jul-2023	28-Jul-2023	28-Jul-2023	28-Jul-2023
			Asbestos Lab:										
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's	N	2800	mg/kg	2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Demeton-O	N	2820	mg/kg	0.20									
Phorate	N	2820	mg/kg	0.20									
Demeton-S	N	2820	mg/kg	0.20									
Disulfoton	N	2820	mg/kg	0.20									
Fenthion	N	2820	mg/kg	0.20									
Trichloronate	N	2820	mg/kg	0.20									
Prothiofos	N	2820	mg/kg	0.20									
Fensulphothion	N	2820	mg/kg	0.20									
Sulprofos	N	2820	mg/kg	0.20									
Azinphos-Methyl	N	2820	mg/kg	0.20									
Coumaphos	N	2820	mg/kg	0.20									
Alpha-HCH	N	2840	mg/kg	0.20									
Gamma-HCH (Lindane)	N	2840	mg/kg	0.20									
Beta-HCH	N	2840	mg/kg	0.20									
Delta-HCH	N	2840	mg/kg	0.20									
Heptachlor	N	2840	mg/kg	0.20									
Aldrin	N	2840	mg/kg	0.20									
Heptachlor Epoxide	N	2840	mg/kg	0.20									
Gamma-Chlordane	N	2840	mg/kg	0.20									
Alpha-Chlordane	N	2840	mg/kg	0.20									
Endosulfan I	N	2840	mg/kg	0.20									
4,4-DDE	N	2840	mg/kg	0.20									
Dieldrin	N	2840	mg/kg	0.20									
Endrin	N	2840	mg/kg	0.20									
4,4-DDD	N	2840	mg/kg	0.20									
Endosulfan II	N	2840	mg/kg	0.20									
Endrin Aldehyde	N	2840	mg/kg	0.20									
4,4-DDT	N	2840	mg/kg	0.20									
Endosulfan Sulphate	N	2840	mg/kg	0.20									
Methoxychlor	N	2840	mg/kg	0.20									
Endrin Ketone	N	2840	mg/kg	0.20									

Results - Soil

Project: 48309 New Farm, Sandridge Common, Melksham

Client: Eastwood & Partners			**Chemtest Job No.:**		23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982
Quotation No.:			**Chemtest Sample ID.:**		1682641	1682642	1682643	1682644	1682645	1682646	1682647	1682648	1682649
Order No.: 48309			Client Sample Ref.:		Topsoil	Subsoil	Topsoil	Topsoil	Subsoil	Topsoil	Subsoil	Topsoil	Subsoil
			Client Sample ID.:		ES101	ES101	ES101	ES101	ES101	ES101	ES101	ES101	ES101
			Sample Location:		TP69	TP70	TP71	TP73	TP74	TP78	TP79	TP80	TP81
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.1	0.4	0.1	0.1	0.4	0.1	0.4	0.1	0.4
			Date Sampled:		28-Jul-2023	28-Jul-2023	28-Jul-2023	28-Jul-2023	28-Jul-2023	28-Jul-2023	31-Jul-2023	31-Jul-2023	31-Jul-2023
			Asbestos Lab:										
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
ACM Type	U	2192		N/A									
Asbestos Identification	U	2192		N/A									
Moisture	N	2030	%	0.020	24	27	27	22	22	29	22	32	22
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots
Soil Texture	N	2040		N/A	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay
pH	M	2010		4.0	7.4	7.5	7.2	7.2	7.7	6.8	7.7	6.9	7.5
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010		0.032			< 0.010		0.27		0.19
Total Sulphur	U	2175	%	0.010		0.060			0.064		0.045		0.046
Sulphate (Acid Soluble)	U	2430	%	0.010		0.14			0.088		0.054		0.062
Arsenic	M	2455	mg/kg	0.5	16	15	17	16	21	11	18	15	21
Cadmium	M	2455	mg/kg	0.10	< 0.10	< 0.10	0.28	0.12	< 0.10	< 0.10	< 0.10	0.27	< 0.10
Chromium	M	2455	mg/kg	0.5	45	50	52	41	48	29	37	35	46
Copper	M	2455	mg/kg	0.50	15	16	28	20	19	14	18	28	16
Mercury	M	2455	mg/kg	0.05	0.08	0.08	0.18	0.07	0.06	0.06	0.12	0.10	0.06
Nickel	M	2455	mg/kg	0.50	23	27	30	31	30	16	23	22	36
Lead	M	2455	mg/kg	0.50	41	45	77	40	41	40	46	67	55
Selenium	M	2455	mg/kg	0.25	0.83	0.99	1.1	0.91	0.90	0.52	0.77	0.81	0.87
Zinc	M	2455	mg/kg	0.50	86	100	140	130	120	88	100	150	100
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20					2.4				
Naphthalene	M	2800	mg/kg	0.10	0.12	< 0.10	0.11	< 0.10	< 0.10	0.16	0.14	0.16	< 0.10
Acenaphthylene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	0.17	< 0.10	< 0.10	< 0.10	0.17	< 0.10
Anthracene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	M	2800	mg/kg	0.10	< 0.10	0.16	0.33	0.52	0.23	0.17	0.18	0.45	< 0.10
Pyrene	M	2800	mg/kg	0.10	< 0.10	0.16	0.32	0.57	0.18	0.17	0.17	0.44	< 0.10
Benzo[a]anthracene	M	2800	mg/kg	0.10	< 0.10	< 0.10	0.17	0.27	< 0.10	< 0.10	< 0.10	0.22	< 0.10
Chrysene	M	2800	mg/kg	0.10	< 0.10	< 0.10	0.18	0.31	< 0.10	< 0.10	< 0.10	0.18	< 0.10
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	0.30	0.48	< 0.10	< 0.10	< 0.10	0.32	< 0.10
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	0.12	< 0.10	< 0.10	< 0.10	0.12	< 0.10
Benzo[a]pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	0.21	0.42	< 0.10	< 0.10	< 0.10	0.26	< 0.10

Results - Soil

Project: 48309 New Farm, Sandridge Common, Melksham

Client: Eastwood & Partners		**Chemtest Job No.:**			23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982
Quotation No.:		**Chemtest Sample ID.:**			1682641	1682642	1682643	1682644	1682645	1682646	1682647	1682648	1682649
Order No.: 48309		Client Sample Ref.:			Topsoil	Subsoil	Topsoil	Topsoil	Subsoil	Topsoil	Subsoil	Topsoil	Subsoil
		Client Sample ID.:			ES101	ES101	ES101	ES101	ES101	ES101	ES101	ES101	ES101
		Sample Location:			TP69	TP70	TP71	TP73	TP74	TP78	TP79	TP80	TP81
		Sample Type:			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):			0.1	0.4	0.1	0.1	0.4	0.1	0.4	0.1	0.4
		Date Sampled:			28-Jul-2023	28-Jul-2023	28-Jul-2023	28-Jul-2023	28-Jul-2023	28-Jul-2023	31-Jul-2023	31-Jul-2023	31-Jul-2023
		Asbestos Lab:											
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	0.28	< 0.10	< 0.10	< 0.10	0.22	< 0.10
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	0.28	< 0.10	< 0.10	< 0.10	0.17	< 0.10
Total Of 16 PAH's	N	2800	mg/kg	2.0	< 2.0	< 2.0	< 2.0	3.4	< 2.0	< 2.0	< 2.0	2.7	< 2.0
Demeton-O	N	2820	mg/kg	0.20						< 0.20			
Phorate	N	2820	mg/kg	0.20						< 0.20			
Demeton-S	N	2820	mg/kg	0.20						< 0.20			
Disulfoton	N	2820	mg/kg	0.20						< 0.20			
Fenthion	N	2820	mg/kg	0.20						< 0.20			
Trichloronate	N	2820	mg/kg	0.20						< 0.20			
Prothiofos	N	2820	mg/kg	0.20						< 0.20			
Fensulphothion	N	2820	mg/kg	0.20						< 0.20			
Sulprofos	N	2820	mg/kg	0.20						< 0.20			
Azinphos-Methyl	N	2820	mg/kg	0.20						< 0.20			
Coumaphos	N	2820	mg/kg	0.20						< 0.20			
Alpha-HCH	N	2840	mg/kg	0.20						< 0.20			
Gamma-HCH (Lindane)	N	2840	mg/kg	0.20						< 0.20			
Beta-HCH	N	2840	mg/kg	0.20						< 0.20			
Delta-HCH	N	2840	mg/kg	0.20						< 0.20			
Heptachlor	N	2840	mg/kg	0.20						< 0.20			
Aldrin	N	2840	mg/kg	0.20						< 0.20			
Heptachlor Epoxide	N	2840	mg/kg	0.20						< 0.20			
Gamma-Chlordane	N	2840	mg/kg	0.20						< 0.20			
Alpha-Chlordane	N	2840	mg/kg	0.20						< 0.20			
Endosulfan I	N	2840	mg/kg	0.20						< 0.20			
4,4-DDE	N	2840	mg/kg	0.20						< 0.20			
Dieldrin	N	2840	mg/kg	0.20						< 0.20			
Endrin	N	2840	mg/kg	0.20						< 0.20			
4,4-DDD	N	2840	mg/kg	0.20						< 0.20			
Endosulfan II	N	2840	mg/kg	0.20						< 0.20			
Endrin Aldehyde	N	2840	mg/kg	0.20						< 0.20			
4,4-DDT	N	2840	mg/kg	0.20						< 0.20			
Endosulfan Sulphate	N	2840	mg/kg	0.20						< 0.20			
Methoxychlor	N	2840	mg/kg	0.20						< 0.20			
Endrin Ketone	N	2840	mg/kg	0.20						< 0.20			

Results - Soil

Project: 48309 New Farm, Sandridge Common, Melksham

Client: Eastwood & Partners			**Chemtest Job No.:**		23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982
Quotation No.:			**Chemtest Sample ID.:**		1682650	1682651	1682652	1682653	1682654	1682655	1682656	1682657	1682658
Order No.: 48309			Client Sample Ref.:		Topsoil	Subsoil	Topsoil	Subsoil	Topsoil	Subsoil	Topsoil	Subsoil	Topsoil
			Client Sample ID.:		ES101	ES101	ES101	ES101	ES101	ES101	ES101	ES101	ES101
			Sample Location:		TP82	TP83	TP84	TP85	TP86	TP87	TP88	TP89	TP90
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.1	0.4	0.1	0.4	0.1	0.4	0.1	0.4	0.1
			Date Sampled:		31-Jul-2023	31-Jul-2023	31-Jul-2023	31-Jul-2023	31-Jul-2023	31-Jul-2023	31-Jul-2023	31-Jul-2023	31-Jul-2023
			Asbestos Lab:				COVENTRY		COVENTRY		COVENTRY		COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
ACM Type	U	2192		N/A			-		-		-		-
Asbestos Identification	U	2192		N/A			No Asbestos Detected		No Asbestos Detected		No Asbestos Detected		No Asbestos Detected
Moisture	N	2030	%	0.020	27	27	28	22	29	26	34	21	30
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots	Stones and Roots	Roots	Stones and Roots	Stones and Roots
Soil Texture	N	2040		N/A	Clay	Clay	Clay	Clay	Clay	Clay	Loam	Clay	Clay
pH	M	2010		4.0	6.8	6.8	6.6	7.1	7.1	6.6	6.3	7.4	6.3
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010		0.074		0.13		0.010		0.027	
Total Sulphur	U	2175	%	0.010		0.063		0.047		0.098		0.047	
Sulphate (Acid Soluble)	U	2430	%	0.010		0.064		0.049		0.14		0.069	
Arsenic	M	2455	mg/kg	0.5	13	21	10	14	27	15	5.1	18	8.8
Cadmium	M	2455	mg/kg	0.10	0.10	0.13	< 0.10	0.22	0.11	0.14	< 0.10	< 0.10	0.12
Chromium	M	2455	mg/kg	0.5	26	41	27	46	46	41	25	43	30
Copper	M	2455	mg/kg	0.50	13	18	15	10	18	20	15	14	18
Mercury	M	2455	mg/kg	0.05	0.07	0.07	0.05	< 0.05	0.07	0.09	0.05	0.05	0.06
Nickel	M	2455	mg/kg	0.50	15	25	13	21	21	20	9.3	20	13
Lead	M	2455	mg/kg	0.50	45	52	35	25	63	62	38	64	38
Selenium	M	2455	mg/kg	0.25	0.44	0.83	0.49	0.81	1.0	0.83	0.30	0.82	0.58
Zinc	M	2455	mg/kg	0.50	84	110	81	81	120	110	84	92	95
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20	5.8				6.0				
Naphthalene	M	2800	mg/kg	0.10	0.21	0.21	0.36	< 0.10	0.16	0.16	0.30	< 0.10	0.20
Acenaphthylene	N	2800	mg/kg	0.10	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	M	2800	mg/kg	0.10	0.69	< 0.10	0.23	< 0.10	0.38	0.50	0.16	< 0.10	0.19
Anthracene	M	2800	mg/kg	0.10	0.20	< 0.10	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluoranthene	M	2800	mg/kg	0.10	1.3	0.11	0.71	< 0.10	0.52	0.50	0.28	< 0.10	0.57
Pyrene	M	2800	mg/kg	0.10	1.1	0.14	0.59	< 0.10	0.43	0.44	0.23	< 0.10	0.47
Benzo[a]anthracene	M	2800	mg/kg	0.10	0.68	< 0.10	0.42	< 0.10	0.16	0.16	0.18	< 0.10	0.31
Chrysene	M	2800	mg/kg	0.10	0.68	< 0.10	0.45	< 0.10	0.24	0.27	0.13	< 0.10	0.37
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	0.73	< 0.10	0.48	< 0.10	0.25	0.23	0.16	< 0.10	0.43
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	0.30	< 0.10	0.18	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.16
Benzo[a]pyrene	M	2800	mg/kg	0.10	0.59	< 0.10	0.44	< 0.10	0.20	0.25	0.12	< 0.10	0.35

Results - Soil

Project: 48309 New Farm, Sandridge Common, Melksham

Client: Eastwood & Partners			**Chemtest Job No.:**		23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982	23-25982
Quotation No.:			**Chemtest Sample ID.:**		1682650	1682651	1682652	1682653	1682654	1682655	1682656	1682657	1682658
Order No.: 48309			Client Sample Ref.:		Topsoil	Subsoil	Topsoil	Subsoil	Topsoil	Subsoil	Topsoil	Subsoil	Topsoil
			Client Sample ID.:		ES101	ES101	ES101	ES101	ES101	ES101	ES101	ES101	ES101
			Sample Location:		TP82	TP83	TP84	TP85	TP86	TP87	TP88	TP89	TP90
			Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):		0.1	0.4	0.1	0.4	0.1	0.4	0.1	0.4	0.1
			Date Sampled:		31-Jul-2023	31-Jul-2023	31-Jul-2023	31-Jul-2023	31-Jul-2023	31-Jul-2023	31-Jul-2023	31-Jul-2023	31-Jul-2023
			Asbestos Lab:				COVENTRY		COVENTRY		COVENTRY		COVENTRY
Determinand	**Accred.**	**SOP**	**Units**	**LOD**									
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	0.37	< 0.10	0.31	< 0.10	< 0.10	0.19	0.14	< 0.10	0.30
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	0.37	< 0.10	0.32	< 0.10	0.18	0.15	0.12	< 0.10	0.25
Total Of 16 PAH's	N	2800	mg/kg	2.0	7.3	< 2.0	4.6	< 2.0	2.5	2.9	< 2.0	< 2.0	3.6
Demeton-O	N	2820	mg/kg	0.20									
Phorate	N	2820	mg/kg	0.20									
Demeton-S	N	2820	mg/kg	0.20									
Disulfoton	N	2820	mg/kg	0.20									
Fenthion	N	2820	mg/kg	0.20									
Trichloronate	N	2820	mg/kg	0.20									
Prothiofos	N	2820	mg/kg	0.20									
Fensulphothion	N	2820	mg/kg	0.20									
Sulprofos	N	2820	mg/kg	0.20									
Azinphos-Methyl	N	2820	mg/kg	0.20									
Coumaphos	N	2820	mg/kg	0.20									
Alpha-HCH	N	2840	mg/kg	0.20									
Gamma-HCH (Lindane)	N	2840	mg/kg	0.20									
Beta-HCH	N	2840	mg/kg	0.20									
Delta-HCH	N	2840	mg/kg	0.20									
Heptachlor	N	2840	mg/kg	0.20									
Aldrin	N	2840	mg/kg	0.20									
Heptachlor Epoxide	N	2840	mg/kg	0.20									
Gamma-Chlordane	N	2840	mg/kg	0.20									
Alpha-Chlordane	N	2840	mg/kg	0.20									
Endosulfan I	N	2840	mg/kg	0.20									
4,4-DDE	N	2840	mg/kg	0.20									
Dieldrin	N	2840	mg/kg	0.20									
Endrin	N	2840	mg/kg	0.20									
4,4-DDD	N	2840	mg/kg	0.20									
Endosulfan II	N	2840	mg/kg	0.20									
Endrin Aldehyde	N	2840	mg/kg	0.20									
4,4-DDT	N	2840	mg/kg	0.20									
Endosulfan Sulphate	N	2840	mg/kg	0.20									
Methoxychlor	N	2840	mg/kg	0.20									
Endrin Ketone	N	2840	mg/kg	0.20									

Results - Soil

Project: 48309 New Farm, Sandridge Common, Melksham

Client: Eastwood & Partners			**Chemtest Job No.:**		23-25982	23-25982	23-25982
Quotation No.:			**Chemtest Sample ID.:**		1682659	1682660	1682661
Order No.: 48309			Client Sample Ref.:		Subsoil	Topsoil	Subsoil
			Client Sample ID.:		ES101	ES101	ES101
			Sample Location:		TP91	TP92	TP93
			Sample Type:		SOIL	SOIL	SOIL
			Top Depth (m):		0.4	0.1	0.4
			Date Sampled:		31-Jul-2023	31-Jul-2023	31-Jul-2023
			Asbestos Lab:			COVENTRY	
Determinand	**Accred.**	**SOP**	**Units**	**LOD**			
ACM Type	U	2192		N/A		-	
Asbestos Identification	U	2192		N/A		No Asbestos Detected	
Moisture	N	2030	%	0.020	24	29	25
Soil Colour	N	2040		N/A	Brown	Brown	Brown
Other Material	N	2040		N/A	Stones and Roots	Stones and Roots	Stones and Roots
Soil Texture	N	2040		N/A	Clay	Clay	Clay
pH	M	2010		4.0	7.1	6.7	7.1
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	< 0.010		0.031
Total Sulphur	U	2175	%	0.010	0.031		0.040
Sulphate (Acid Soluble)	U	2430	%	0.010	0.061		0.078
Arsenic	M	2455	mg/kg	0.5	16	13	14
Cadmium	M	2455	mg/kg	0.10	< 0.10	0.23	< 0.10
Chromium	M	2455	mg/kg	0.5	37	39	37
Copper	M	2455	mg/kg	0.50	9.9	22	11
Mercury	M	2455	mg/kg	0.05	< 0.05	0.08	< 0.05
Nickel	M	2455	mg/kg	0.50	16	21	19
Lead	M	2455	mg/kg	0.50	34	55	37
Selenium	M	2455	mg/kg	0.25	0.70	0.85	0.75
Zinc	M	2455	mg/kg	0.50	74	120	81
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Total Organic Carbon	M	2625	%	0.20		7.6	
Naphthalene	M	2800	mg/kg	0.10	0.11	0.18	< 0.10
Acenaphthylene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Acenaphthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Fluorene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Phenanthrene	M	2800	mg/kg	0.10	< 0.10	0.64	< 0.10
Anthracene	M	2800	mg/kg	0.10	< 0.10	0.38	< 0.10
Fluoranthene	M	2800	mg/kg	0.10	< 0.10	1.8	< 0.10
Pyrene	M	2800	mg/kg	0.10	< 0.10	1.4	< 0.10
Benzo[a]anthracene	M	2800	mg/kg	0.10	< 0.10	0.91	< 0.10
Chrysene	M	2800	mg/kg	0.10	< 0.10	0.92	< 0.10
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	< 0.10	1.1	< 0.10
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	< 0.10	0.42	< 0.10
Benzo[a]pyrene	M	2800	mg/kg	0.10	< 0.10	0.84	< 0.10

Results - Soil

Project: 48309 New Farm, Sandridge Common, Melksham

Client: Eastwood & Partners			**Chemtest Job No.:**		23-25982	23-25982	23-25982
Quotation No.:			**Chemtest Sample ID.:**		1682659	1682660	1682661
Order No.: 48309			Client Sample Ref.:		Subsoil	Topsoil	Subsoil
			Client Sample ID.:		ES101	ES101	ES101
			Sample Location:		TP91	TP92	TP93
			Sample Type:		SOIL	SOIL	SOIL
			Top Depth (m):		0.4	0.1	0.4
			Date Sampled:		31-Jul-2023	31-Jul-2023	31-Jul-2023
			Asbestos Lab:			COVENTRY	
Determinand	**Accred.**	**SOP**	**Units**	**LOD**			
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	< 0.10	0.58	< 0.10
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	< 0.10	0.12	< 0.10
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	< 0.10	0.53	< 0.10
Total Of 16 PAH's	N	2800	mg/kg	2.0	< 2.0	9.8	< 2.0
Demeton-O	N	2820	mg/kg	0.20			
Phorate	N	2820	mg/kg	0.20			
Demeton-S	N	2820	mg/kg	0.20			
Disulfoton	N	2820	mg/kg	0.20			
Fenthion	N	2820	mg/kg	0.20			
Trichloronate	N	2820	mg/kg	0.20			
Prothiofos	N	2820	mg/kg	0.20			
Fensulphothion	N	2820	mg/kg	0.20			
Sulprofos	N	2820	mg/kg	0.20			
Azinphos-Methyl	N	2820	mg/kg	0.20			
Coumaphos	N	2820	mg/kg	0.20			
Alpha-HCH	N	2840	mg/kg	0.20			
Gamma-HCH (Lindane)	N	2840	mg/kg	0.20			
Beta-HCH	N	2840	mg/kg	0.20			
Delta-HCH	N	2840	mg/kg	0.20			
Heptachlor	N	2840	mg/kg	0.20			
Aldrin	N	2840	mg/kg	0.20			
Heptachlor Epoxide	N	2840	mg/kg	0.20			
Gamma-Chlordane	N	2840	mg/kg	0.20			
Alpha-Chlordane	N	2840	mg/kg	0.20			
Endosulfan I	N	2840	mg/kg	0.20			
4,4-DDE	N	2840	mg/kg	0.20			
Dieldrin	N	2840	mg/kg	0.20			
Endrin	N	2840	mg/kg	0.20			
4,4-DDD	N	2840	mg/kg	0.20			
Endosulfan II	N	2840	mg/kg	0.20			
Endrin Aldehyde	N	2840	mg/kg	0.20			
4,4-DDT	N	2840	mg/kg	0.20			
Endosulfan Sulphate	N	2840	mg/kg	0.20			
Methoxychlor	N	2840	mg/kg	0.20			
Endrin Ketone	N	2840	mg/kg	0.20			

Test Methods

SOP	Title	Parameters included	Method summary
2010	pH Value of Soils	pH	pH Meter
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2175	Total Sulphur in Soils	Total Sulphur	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2455	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS
2820	Organophosphorus (O-P) Pesticides in Soils by GC-MS	Organophosphorus pesticide representative suite including Parathion, Malathion etc, plus client specific determinands	Dichloromethane extraction / GC-MS
2840	Organochlorine (O-Cl) Pesticides in Soils by GC-MS	Organochlorine pesticide representative suite including DDT and its metabolites, 'drins' and HCH etc, plus client specific determinands	Dichloromethane extraction / GC-MS

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation
The results relate only to the items tested
Uncertainty of measurement for the determinands tested are available upon request
None of the results in this report have been recovery corrected
All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis
All Asbestos testing is performed at the indicated laboratory
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied
B - Sample age exceeds stability time (sampling to extraction)
C - Sample not received in appropriate containers
D - Broken Container
E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt
All water samples will be retained for 14 days from the date of receipt
Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

GEOLABS Limited
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Watford
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WD25 9XX

Tel: +44(0) 1923 892 190
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web: www.geolabs.co.uk

Eastwood and Partners (Consulting Engineers) Limited
Gander Down Barns
Rodfield Lane
Ovington
Alresford
SO24 0HS

29 August 2023
Report No : GEO/38592/01

For the attention of Mr A Newman

Date samples received	03/08/2023
Date written instructions received	04/08/2023
Date testing commenced	05/08/2023
Date of sample disposal	**26/09/2023**

Our ref **GEO / 38592**
Your Ref **48309**

Project **NEW FARM, SANDRIDGE COMMON, MELKSHAM**

Further to your instructions we have pleasure in enclosing the results of the tests you requested in the attached figures.

LABORATORY TEST REPORT

Item No	Test Quantity	Description
1	~	Geotechnical Test Summary
~	15	Water Content
~	15	Liquid & Plastic Limits
2	~	Geochemical Test Summary
~	4	BRE SD1 Suite B - Natural ground + pyrite
3	6	Unconsolidated Undrained Triaxial Compression

Any opinions or interpretations expressed herein are outside the scope of UKAS accreditation. All results contained in this report are provisional unless signed by an approved signatory. The results contained in this report relate only to samples received in the laboratory and are tested 'as received' unless otherwise stated. This report should not be reproduced, except in full, without the written approval of the laboratory. The results reported are applicable only to the test items received by the laboratory.

All the necessary data required by the documented test procedures has been recorded and will be stored for a period of not less than 6 years. This data will be issued to yourselves at your request. All samples will be disposed of after the date shown above. Written confirmation will be required to retain the samples beyond this period and a storage charge may be applied.

We trust that the above meets your requirements and should you require any further information or assistance, please do not hesitate to contact us.

Yours faithfully
on behalf of **GEOLABS Limited**

S Burke
Senior Technician

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Registered Office: Bucknalls Lane Garston Watford Hertfordshire WD25 9XX Registered in England and Wales No: 3177641

SUMMARY OF GEOTECHNICAL TESTING

Sample details					Classification Tests					Density Tests		Undrained Triaxial Compression				Chemical Tests			Other tests and comments
Location	Depth (m)	Sample Ref	Type	Description	WC %	LL %	PL %	PI %	<425 µm %	Bulk Mg/m³	Dry Mg/m³	Condition	Cell Pressure kPa	Deviator Stress kPa	Shear Stress kPa	pH	2:1 W/S SO4 g/L	W/S Mg mg/L	
BH2	6.00	U4	U	Very stiff fissured dark brown CLAY with occasional gypsum.	26.4					2.00	1.58	Undisturbed	130	275	137				Chemical
BH3	1.00	2	D	Multi coloured slightly sandy slightly gravelly CLAY. Sand is fine. Gravel is fine.	38.4	80	30	50	97										
BH3	2.40	4	D	Brown and grey slightly sandy slightly gravelly CLAY with rare rootlets. Sand is fine. Gravel is fine.	29.2	64	26	38	99										
BH3	3.00	U5	U	Very stiff fissured grey CLAY with occasional gypsum.	30.2					1.93	1.48	Undisturbed	57	125	62				
BH3	9.00	U13	U	Very stiff fissured dark grey CLAY with abundant shell fragments.	21.2					2.12	1.75	Undisturbed	180	768	384				Chemical
BH4	4.00	U7	U	Very stiff fissured grey CLAY with abundant gypsum.	27.5					2.05	1.61	Undisturbed	85	216	108				
BH4	10.00	U14	U	Very stiff fissured grey CLAY with rare shell fragments.	22.3					2.03	1.66	Undisturbed	200	775	388				Chemical
BH5	6.00	U8	U	Very stiff fissured grey CLAY.	24.0					2.03	1.63	Undisturbed	120	262	131				Chemical
TP01	2.00	D2	D	Greyish brown / brown slightly sandy CLAY.	26.5	52	20	32	100										
TP04	1.20	D2	D	Greyish brown / brown slightly sandy CLAY with very rare crystalyne structures.	25.7	55	24	31	100										

Sample type: B (Bulk disturb.) BLK (Block) C (Core) D (Disturbed) LB (Large Bulk dist.) U (Undisturbed)

Checked and Approved by



S Burke - Senior Technician
29/08/2023

Project Number:

GEO / 38592

Project Name:

NEW FARM, SANDRIDGE COMMON, MELKSHAM
48309

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SUMMARY OF GEOTECHNICAL TESTING

Sample details					Classification Tests					Density Tests		Undrained Triaxial Compression				Chemical Tests			Other tests and comments
Location	Depth (m)	Sample Ref	Type	Description	WC %	LL %	PL %	PI %	<425 µm %	Bulk Mg/m³	Dry Mg/m³	Condition	Cell Pressure kPa	Deviator Stress kPa	Shear Stress kPa	pH	2:1 W/S SO4 g/L	W/S Mg mg/L	
TP04	2.60	D4	D	Greyish brown slightlly sandy silty CLAY with fine gravel.	27.6	60	25	35	93										
TP06	1.50	D1	D	Greyish brown slighly silty CLAY.	26.3	53	20	33	100										
TP10	1.00	D1	D	Greyish brown slightly silty CLAY.	24.5	55	25	30	100										
TP13	0.90	D1	D	Greyish brown CLAY.	29.4	67	22	45	100										
TP15	1.50	D1	D	Greyish brown CLAY.	23.3	51	25	26	100										
TP21	1.50	D1	D	Grey and brown CLAY.	24.0	52	22	30	100										
TP25	1.50	D1	D	Grey / brown CLAY with crystalyne structures.	25.5	48	23	25	100										
TP28	2.30	D1	D	Greyish brown CLAY.	29.8	56	26	30	100										
TP37	0.40	D2	D	Greyish brown CLAY.	29.6	70	26	44	100										
TP37	2.50	D4	D	Grey orangish brown CLAY.	27.2	53	25	28	100										

Sample type: B (Bulk disturb.) BLK (Block) C (Core) D (Disturbed) LB (Large Bulk dist.) U (Undisturbed)

Checked and Approved by

S Burke

S Burke - Senior Technician
29/08/2023

Project Number:

GEO / 38592

Project Name:

NEW FARM, SANDRIDGE COMMON, MELKSHAM
48309

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SUMMARY OF GEOTECHNICAL TESTING

Sample details					Classification Tests					Density Tests		Undrained Triaxial Compression				Chemical Tests			Other tests and comments
Location	Depth (m)	Sample Ref	Type	Description	WC %	LL %	PL %	PI %	<425 µm %	Bulk Mg/m³	Dry Mg/m³	Condition	Cell Pressure kPa	Deviator Stress kPa	Shear Stress kPa	pH	2:1 W/S SO4 g/L	W/S Mg mg/L	
TP57	1.40	D1	D	Greyish brown CLAY.	24.2	54	25	29	100										

Sample type: B (Bulk disturb.) BLK (Block) C (Core) D (Disturbed) LB (Large Bulk dist.) U (Undisturbed)

Checked and Approved by

S Burke

S Burke - Senior Technician
29/08/2023

Project Number:

GEO / 38592

Project Name:

NEW FARM, SANDRIDGE COMMON, MELKSHAM
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1240 - Chemical Test Summary - 38592.XLSM

SUMMARY OF CHEMICAL TESTS ON SOIL

Location	Depth m	Sample Ref	Sample Type	pH Value	Total Acid Soluble Sulphate as SO4 %	Water Soluble Sulphate as SO4 2:1 Water:Soil Extract g/l	Total Sulphur %	Water Soluble Chloride g/l	Water Soluble Nitrate g/l	Magnesium g/l	Organic Content %	Mass Loss on Ignition %	Carbonate Content %
BH2	6.00	U4	U	7.8	1.1	2.3	0.41	-	-	-	-	-	-
BH3	9.00	U13	U	8.3	0.12	0.55	0.76	-	-	-	-	-	-
BH4	10.00	U14	U	8.1	0.19	1.2	0.93	-	-	-	-	-	-
BH5	6.00	U8	U	8.2	0.12	0.74	1.0	-	-	-	-	-	-

Tested by Eurofins Chemtest Ltd : MCERTS / UKAS No 2183

Checked and Approved by:

S Burke

S Burke - Senior Technician
21/08/2023

Project Number:

GEO / 38592

Project Name:

NEW FARM, SANDRIDGE COMMON, MELKSHAM

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BS EN ISO 17892-8 : 2018

UNCONSOLIDATED UNDRAINED TRIAXIAL COMPRESSION

Location	BH2
Sample Ref	U4
Depth (m)	6.00
Sample Type	U

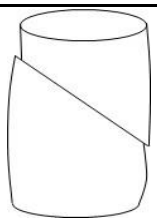
Description:

Very stiff fissured dark brown CLAY with occasional gypsum.

Specimen Details

Specimen conditions		Undisturbed
Length	(mm)	201.3
Diameter	(mm)	101.7
Water content	(%)	26.4
Bulk density	(Mg/m³)	2.00
Dry density	(Mg/m³)	1.58
Test Details		
Latex membrane thickness	(mm)	0.3
Specimen height prior to shearing	(mm)	201.3
Membrane correction	(kPa)	0.5
Mean rate of shear	(%/min)	2.0
Cell pressure	(kPa)	130
Strain at failure	(%)	6.5
Maximum deviator stress	(kPa)	275
Shear Stress Cu	(kPa)	137

Mode of failure



Orientation of the sample	Vertical
Distance from top of tube mm	70

Tested by SB
Checked and Approved by

S Burke

S Burke - Senior Technician
29/08/2023

Project Number:

GEO / 38592

Project Name:

NEW FARM, SANDRIDGE COMMON, MELKSHAM 48309

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BS EN ISO 17892-8 : 2018

UNCONSOLIDATED UNDRAINED TRIAXIAL COMPRESSION

Location	BH3
Sample Ref	U5
Depth (m)	3.00
Sample Type	U

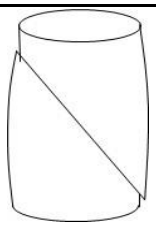
Description:

Very stiff fissured grey CLAY with occasional gypsum.

Specimen Details

Specimen conditions		Undisturbed
Length	(mm)	200.7
Diameter	(mm)	102.5
Water content	(%)	30.2
Bulk density	(Mg/m³)	1.93
Dry density	(Mg/m³)	1.48
Test Details		
Latex membrane thickness	(mm)	0.3
Specimen height prior to shearing	(mm)	200.6
Membrane correction	(kPa)	0.5
Mean rate of shear	(%/min)	2.0
Cell pressure	(kPa)	57
Strain at failure	(%)	6.5
Maximum deviator stress	(kPa)	125
Shear Stress Cu	(kPa)	62

Mode of failure



Orientation of the sample	Vertical
Distance from top of tube mm	40

Tested by SB
Checked and Approved by

S Burke

S Burke - Senior Technician
29/08/2023

Project Number:

GEO / 38592

Project Name:

NEW FARM, SANDRIDGE COMMON, MELKSHAM 48309

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UNCONSOLIDATED UNDRAINED TRIAXIAL COMPRESSION

Location	BH3
Sample Ref	U13
Depth (m)	9.00
Sample Type	U

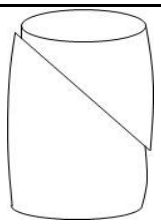
Description:

Very stiff fissured dark grey CLAY with abundant shell fragments.

Specimen Details

Specimen conditions		Undisturbed
Length	(mm)	201.3
Diameter	(mm)	102.2
Water content	(%)	21.2
Bulk density	(Mg/m³)	2.12
Dry density	(Mg/m³)	1.75
Test Details		
Latex membrane thickness	(mm)	0.3
Specimen height prior to shearing	(mm)	201.2
Membrane correction	(kPa)	0.5
Mean rate of shear	(%/min)	2.0
Cell pressure	(kPa)	180
Strain at failure	(%)	7.5
Maximum deviator stress	(kPa)	768
Shear Stress Cu	(kPa)	384

Mode of failure



Orientation of the sample	Vertical
Distance from top of tube mm	200

Tested by SB
Checked and Approved by

S Burke

S Burke - Senior Technician
29/08/2023

Project Number:

GEO / 38592

Project Name:

NEW FARM, SANDRIDGE COMMON, MELKSHAM 48309

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UNCONSOLIDATED UNDRAINED TRIAXIAL COMPRESSION

Location	BH4
Sample Ref	U7
Depth (m)	4.00
Sample Type	U

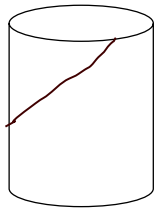
Description:

Very stiff fissured grey CLAY with abundant gypsum.

Specimen Details

Specimen conditions		Undisturbed
Length	(mm)	200.7
Diameter	(mm)	101.1
Water content	(%)	27.5
Bulk density	(Mg/m³)	2.05
Dry density	(Mg/m³)	1.61
Test Details		
Latex membrane thickness	(mm)	0.3
Specimen height prior to shearing	(mm)	200.6
Membrane correction	(kPa)	0.6
Mean rate of shear	(%/min)	2.0
Cell pressure	(kPa)	85
Strain at failure	(%)	8.5
Maximum deviator stress	(kPa)	216
Shear Stress Cu	(kPa)	108

Mode of failure



Orientation of the sample	Vertical
Distance from top of tube mm	30

Tested by SB
Checked and Approved by

S Burke

S Burke - Senior Technician
29/08/2023

Project Number:

GEO / 38592

Project Name:

NEW FARM, SANDRIDGE COMMON, MELKSHAM 48309

GEOLABS® UKAS TESTING 1982

BS EN ISO 17892-8 : 2018

UNCONSOLIDATED UNDRAINED TRIAXIAL COMPRESSION

Location	BH4
Sample Ref	U14
Depth (m)	10.00
Sample Type	U

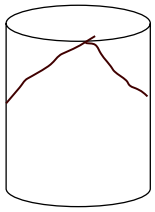
Description:

Very stiff fissured grey CLAY with rare shell fragments.

Specimen Details

Specimen conditions		Undisturbed
Length	(mm)	162.3
Diameter	(mm)	103.3
Water content	(%)	22.3
Bulk density	(Mg/m³)	2.03
Dry density	(Mg/m³)	1.66
Test Details		
Latex membrane thickness	(mm)	0.3
Specimen height prior to shearing	(mm)	162.2
Membrane correction	(kPa)	0.6
Mean rate of shear	(%/min)	2.5
Cell pressure	(kPa)	200
Strain at failure	(%)	8.0
Maximum deviator stress	(kPa)	775
Shear Stress Cu	(kPa)	388

Mode of failure



Orientation of the sample	Vertical
Distance from top of tube mm	270

Tested by SB
Checked and Approved by

S Burke

S Burke - Senior Technician
29/08/2023

Project Number:

GEO / 38592

Project Name:

NEW FARM, SANDRIDGE COMMON, MELKSHAM 48309

GEOLABS® UKAS TESTING 1982

BS EN ISO 17892-8 : 2018

UNCONSOLIDATED UNDRAINED TRIAXIAL COMPRESSION

Location	BH5
Sample Ref	U8
Depth (m)	6.00
Sample Type	U

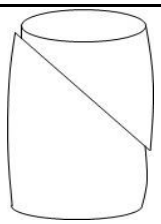
Description:

Very stiff fissured grey CLAY.

Specimen Details

Specimen conditions		Undisturbed
Length	(mm)	200.7
Diameter	(mm)	103.2
Water content	(%)	24.0
Bulk density	(Mg/m³)	2.03
Dry density	(Mg/m³)	1.63
Test Details		
Latex membrane thickness	(mm)	0.3
Specimen height prior to shearing	(mm)	200.6
Membrane correction	(kPa)	0.6
Mean rate of shear	(%/min)	2.0
Cell pressure	(kPa)	120
Strain at failure	(%)	8.5
Maximum deviator stress	(kPa)	262
Shear Stress Cu	(kPa)	131

Mode of failure



Orientation of the sample	Vertical
Distance from top of tube mm	70

Tested by SB
Checked and Approved by

S Burke

S Burke - Senior Technician
29/08/2023

Project Number:

GEO / 38592

Project Name:

NEW FARM, SANDRIDGE COMMON, MELKSHAM 48309

GEOLABS® UKAS TESTING 1982

Appendix 5

Table of Assessment Concentrations – Residential with Homegrown Produce

Inorganic Compounds	Human Health - Residential with Homegrown Produce (mg/kg)
Arsenic	37
Cadmium	11
Chromium (III)	910
Chromium (VI)	6
Lead	200
Mercury	1.2
Nickel	180
Selenium	250
Copper	2400
Zinc	3700

Organic Compounds	Human Health - Residential with Homegrown Produce (mg/kg)		
	1% SOM	2.5% SOM	6% SOM
Naphthalene	2.3	5.6	13
Acenaphthene	210	510	1100
Acenaphthylene	170	420	920
Fluorene	170	400	860
Phenanthrene	95	220	440
Anthracene	2400	5400	11000
Fluoranthene	280	560	890
Pyrene	620	1200	2000
Benzo(a)anthracene	7.2	11	13
Chrysene	15	22	27
Benzo(b)fluoranthene	2.6	3.3	3.7
Benzo(k)fluoranthene	77	93	100
Benzo(a)pyrene	2.2	2.7	3.0
Dibenz(a,h)anthracene	0.24	0.28	0.3
Indeno(1,2,3-cd)pyrene	27	36	41
Benzo(g,h,i)perylene	320	340	350
Benzene	0.087	0.17	0.37
Toluene	130	290	660
Ethylbenzene	47	110	260
o-Xylene	60	140	330
m-Xylene	59	140	320
p-Xylene	56	130	310

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Prepared	KB	Checked	RAN	Date	07.09.23	Job No	48309

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NEW FARM, SANDRIDGE COMMON, MELKSHAM

BLOOR HOMES SOUTH WEST

ASSESSMENT CRITERIA – RESIDENTIAL WITH HOMEGROWN PRODUCE

Contaminant	Phytotoxicity			
	pH 5.0 to 5.5	pH 5.5 to 6.0	pH 6.0 to 7.0	pH >7.0
Arsenic	50			
Cadmium	3			
Chromium	400			
Lead	300			
Mercury	1			
Nickel	50	60	75	110
Copper	80	100	135	200
Zinc	200	200	200	300

The assessment concentration for lead is the Category 4 Screening Level produced by Contaminated Land: Applications in Real Environments (CL:AIRE) and outlined in Appendix H of their report SP1010. The others have been taken from Nathanail, C. P., McCaffrey, C., Gillett, A., Ogden, R., and Nathanail, J., 2015, *'The LQM/CIEH S4ULs for Human Health Risk Assessment'*, Land Quality Press, Nottingham. The metals/metalloids are based on a sandy loam soil and 6% soil organic matter. The assessment values are not intended to be applied to individual sample results where materials are similar, as the levels of contaminants will have a natural variability across the site. Instead, the modified mean value should be compared with the assessment concentration.

The assessment values for phytotoxicity are the levels at which plant growth is thought to be affected. They are taken from the maximum permissible and advisable concentrations in soil after application of soil sludge given in the *'The Code of Good Agricultural Practice for the Protection of Soil*', MAFF, 1998.

The assessment of sulphate, water soluble sulphate, elemental sulphur and sulphide is to determine the aggressive nature of the ground with respect to concrete and consequently the results are compared with BRE Special Digest 1:2005 '*Concrete in Aggressive Ground*'.

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Prepared	KB	Checked	RAN	Date	07.09.23	Job No	48309

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NEW FARM, SANDRIDGE COMMON, MELKSHAM

BLOOR HOMES SOUTH WEST

ASSESSMENT CRITERIA – RESIDENTIAL WITH HOMEGROWN PRODUCE

TPH Fraction	Intended Land Use Residential (mg/kg)		
	1% SOM	2.5% SOM	6% SOM
Aliphatic EC 5-6	42	78	160
Aliphatic EC >6-8	100	230	530
Aliphatic EC >8-10	27	65	150
Aliphatic EC >10-12	130 (48)[vap]	330 (118)[vap]	760 (283)[vap]
Aliphatic EC >12-16	1100 (24)[sol]	2400 (59)[sol]	4,300 (142)[sol]
Aliphatic EC >16-35	65,000 (8.48)[f,sol]	92,000 (21)[f,sol]	110,000[f]
Aliphatic EC >35-44	65,000 (8.48)[f, sol]	92,000 (21)[f,sol]	110,000[f]
Aromatic EC 5-7	70	140	300
Aromatic EC >7-8	130	290	660
Aromatic EC>8-10	34	83	190
Aromatic EC >10-12	74	180	380
Aromatic EC >12-16	140	330	660
Aromatic EC >16-21	260[f]	540[f]	930[f]
Aromatic EC >21-35	1,100[f]	1,500[f]	1,700[f]
Aromatic EC >35-44	1,100[f]	1,500[f]	1,700[f]

[f] oral, dermal, and inhalation exposure compared with oral HCV

[sol] S4UL presented exceeds the solubility saturation limit, which is presented in brackets

[vap] S4UL presented exceed the vapour saturation limit, which is presented in brackets

The assessment criteria for each of the petroleum hydrocarbon fractions have been taken from Nathanail, C. P., McCaffrey, C., Gillett, A., Ogden, R., and Nathanail, J., 2015, *'The LQM/CIEH S4ULs for Human Health Risk Assessment'*, Land Quality Press, Nottingham. These are also all based on a sandy loam soil.

Within the Environment Agency Science Report P5-080/TR3, Askari, K. & Pollard, S., 2005 *'The UK Approach for Evaluating Human Health Risks from Petroleum Hydrocarbons in Soils'* it is stated that the assessment values should not be considered individually; instead the potential additive effects should be calculated. This is achieved by calculating an individual Hazard Quotient (HQ) for each fraction. The HQ is the proportion of the assessment concentration represented by the recorded concentration. The HQs are then added together to form a Hazard Index (HI) and where this exceeds unity a potential significant risk to human health may exist.

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Prepared	KB	Checked	RAN	Date	07.09.23	Job No	48309

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NEW FARM, SANDRIDGE COMMON, MELKSHAM

BLOOR HOMES SOUTH WEST

ASSESSMENT CRITERIA – RESIDENTIAL WITH HOMEGROWN PRODUCE



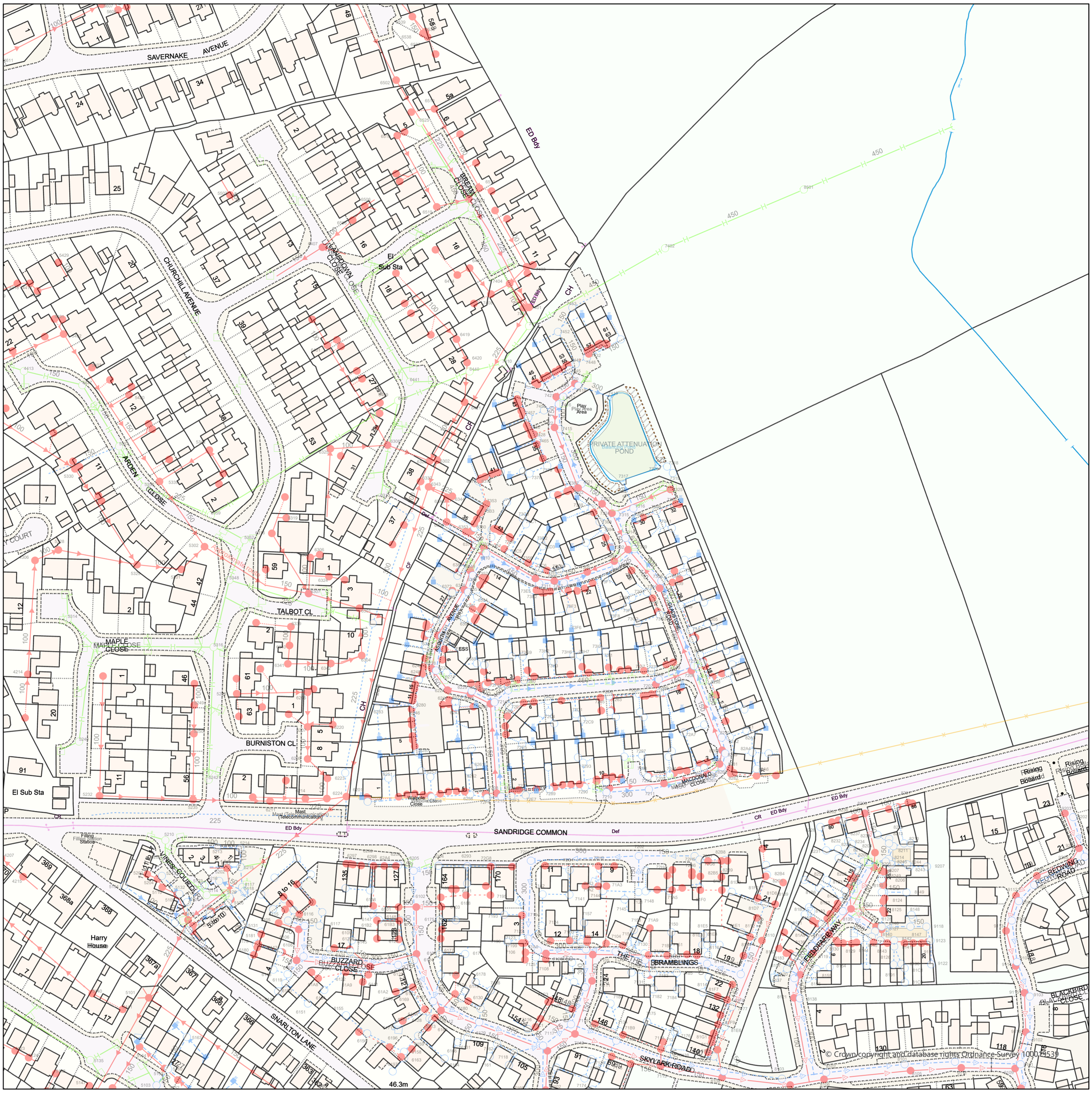
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Appendix D

Sandridge Common



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PUBLIC SEWERS

- Foul Sewer
- Surface Water Sewer
- Combined Sewer
- Rising Main
- Standby Rising Main
- Syphon
- Overflow
- Use Unknown

NON-PUBLIC SEWERS, DRAINS & PIPELINES

- Private - Foul
- Private - Surface
- Private - Combined
- Highway Drain
- Culverted Watercourse
- Abandoned Sewer
- Status Unknown
- Section 104 - Foul
- Section 104 - Surface
- Section 104 - Combined
- Private Rising Main
- Effluent Disposal Main

OTHER STRUCTURES

- Attenuation Tank
- Storage Tank
- Chamber
- Tunnel
- Interceptor

Colours generally indicate the use of the sewer/drain (i.e Red - Foul, Dark Blue - Surface, Magenta - Combined/Dual Use, Light Green - Highway Drain, Mid Green - Overflow) styles of line are shown on the key in sample/typical colours.

STRUCTURES

- Manhole - Foul
- Manhole - Surface
- Manhole - Combined
- Outfall
- Inlet
- Lamphole
- Bifurcation - Foul
- Bifurcation - Surface
- Bifurcation - Combined
- Combined Sewage Overflow
- Pumping Station - Surface
- Pumping Stn - Foul/Combined
- Gully
- Vent Column
- Rodding Eye
- Catchpit
- Flushing Chamber
- Soakaway
- Non Return Valve
- Air Valve
- Washout
- Hatch Box

Information in this plan is provided for identification purposes only. No warranty as to accuracy is given or implied. The precise route of pipe work may not exactly match that shown. Wessex Water does not accept liability for inaccuracies. Sewers and lateral drains adopted by Wessex Water under the Water Industry (Schemes for Adoption of Private Sewers) Regulations 2011 are to be plotted over time and may not yet be shown. In carrying out any works, you accept liability for the cost of any repairs to Wessex Water apparatus damaged as a result of your works. You are advised to commence excavations using hand tools only. Mechanical digging equipment should not be used until pipe work has been precisely located.
If you are considering any form of building works and pipe work is shown within the boundary of your property or a property to be purchased (or very close by) a surveyor should plot its exact position prior to commencing works or purchase. Building over or near Wessex Water's apparatus is not normally permitted.

Wessex Water
YTL GROUP

Date: 30/07/2024
Centre: 391730E, 164354N
Scale: 1:1,250
(when printed at A2 size)

N W E S

Meagan Weedon

From: Alison Kurobasa <Alison.Kurobasa@wessexwater.co.uk>
Sent: 30 July 2024 11:29
To: Meagan Weedon
Cc: Planning Liaison
Subject: WWDevResp ST96NW/ 103 Foul Sewer Connection - Land at New Farm, Sandridge Common Melksham [Filed 30 Jul 2024 12:04]
Attachments: wwds-dev060g-planning-liaison-capacity-appraisal.pdf; WwSewers only map Sandridge Common Melksham.pdf

Categories: Filed by Mail Manager

Hello Meagan

Land at New Farm, Sandridge Common Melksham
Up to 300 Dwellings

Thank you for your foul sewer enquiry

Foul Point of Discharge (POD)

In line with our published guidance (see attached) development of 300 dwellings requires a 225mm 'size for size' foul sewer connection.

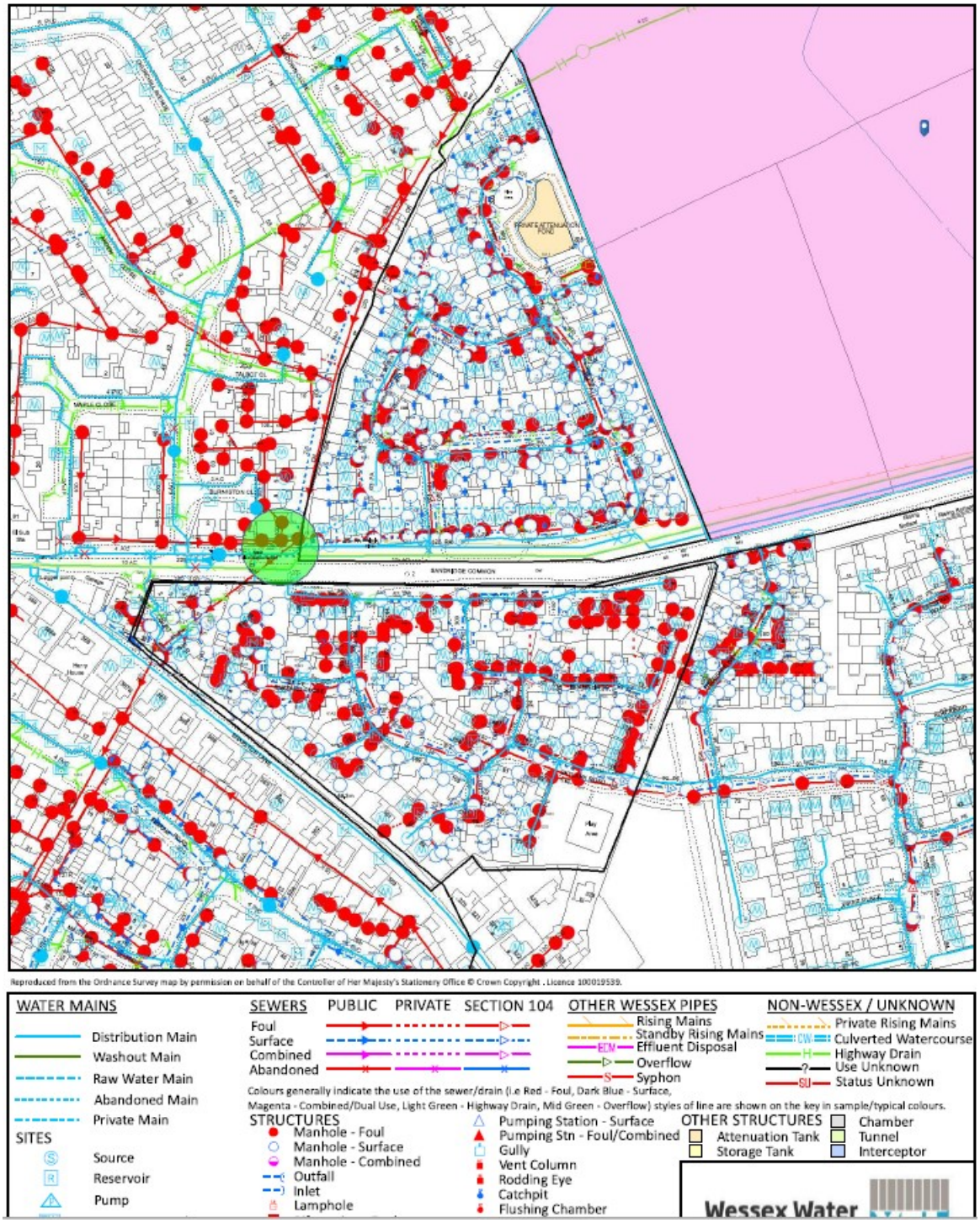
Table 1 Foul sewer and water supply connections

Foul sewers			Water distribution mains	
Diameter(mm)	Discharge (l/s)	Max no of dwellings based on diameter	Diameter(mm)	Max no of dwellings based on diameter
150	10.7	231	90	100
225	24.0	518	125	250
300	42.6	921	180	500
375	66.6	1,439	250	1000
450	96.0	2,073	300	2000
525	130.5	2,820	400	4000
600	170.7	3,687		

Calculations are based on industry guidelines.
(please note this table has been updated from 1 April 2021 in accordance with Sewerage Sector Guidance Appendix C, B3.1.4 "Foul sewers and lateral drains should be designed to run at no more than 75% of pipe full conditions".

There is a 225mm diameter public foul sewer crossing Sandridge Common, approximately 230 metres west of the site boundary.

At this time, taking this site under consideration as a standalone development, under the 'size for size' regulation the 225mm public foul network crossing Sandrige Common road downstream of manhole **ST91646201,** is the nearest accessible point of discharge for foul only flows. The point of discharge is highlighted by the green circle below.



This sewer network discharges to Melksham STW to the west of Melksham.
Due to potential development in the wider catchment and cumulative development to the east of Melksham, it would be our preference for potential development to discharge to Bowerhil STW to the South of Melksham At this time you can assume a connection would be granted to the 225mm diameter public foul sewer as detailed above and can use this to assist in preparing your Technical Report. The POD may change in the future as development progresses and more detailed information is available to us.

Regards

Alison Kurobasa
Planning Liaison
Wessex Water
Claverton Down Bath BA2 7WW
wessexwater.co.uk

I work part time – my working days are Tuesday and Wednesday 8am- 4.30pm.
Please send/copy emails to the planning liaison email planning.liaison@wessexwater.co.uk where all enquires are automatically recorded and can be responded to.

These comments are based upon known circumstances prevailing at the time of writing. A review of the contents of this email is required where 18 months or more have elapsed since issue, or in the light of significant changes likely to impact on our response such as development numbers or phasing. Please email review requests to planning.liaison@wessexwater.co.uk

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Wessex Water Services Limited, Registered in England No 2366648. Registered Office – Wessex Water Operations Centre, Claverton Down Road, Claverton Down, Bath, BA2 7WW

Appendix E

Greenfield runoff rate estimation for sites

www.uksuds.com | Greenfield runoff tool

Calculated by:	Meagan Weedon
Site name:	Catchment 1, Melksham
Site location:	Melksham

This is an estimation of the greenfield runoff rates that are used to meet normal best practice criteria in line with Environment Agency guidance "Rainfall runoff management for developments", SC030219 (2013) , the SuDS Manual C753 (Ciria, 2015) and the non-statutory standards for SuDS (Defra, 2015). This information on greenfield runoff rates may be the basis for setting consents for the drainage of surface water runoff from sites.

Site Details

Latitude:	51.37898° N
Longitude:	2.11621° W
Reference:	3013344365
Date:	Sep 23 2024 19:23

Runoff estimation approach

FEH Statistical

Site characteristics

Total site area (ha):	2.19

Methodology

Q_{MED} estimation method:	Calculate from BFI and SAAR
BFI and SPR method:	Specify BFI manually
HOST class:	N/A
BFI / BFIHOST:	0.231
Q_{MED} (l/s):	
Q_{BAR} / Q_{MED} factor:	1.08

Hydrological characteristics

	Default	Edited
SAAR (mm):	695	695
Hydrological region:	8	8
Growth curve factor 1 year:	0.78	0.78
Growth curve factor 30 years:	1.95	1.95
Growth curve factor 100 years:	2.43	2.43
Growth curve factor 200 years:	2.78	2.78

Notes

(1) Is Q_{BAR} < 2.0 l/s/ha?

When Q_{BAR} is < 2.0 l/s/ha then limiting discharge rates are set at 2.0 l/s/ha.

(2) Are flow rates < 5.0 l/s?

Where flow rates are less than 5.0 l/s consent for discharge is usually set at 5.0 l/s if blockage from vegetation and other materials is possible. Lower consent flow rates may be set where the blockage risk is addressed by using appropriate drainage elements.

(3) Is SPR/SPRHOST ≤ 0.3?

Where groundwater levels are low enough the use of soakaways to avoid discharge offsite would normally be preferred for disposal of surface water runoff.

Greenfield runoff rates

	Default	Edited
Q_{BAR} (l/s):		12.42
1 in 1 year (l/s):		9.69
1 in 30 years (l/s):		24.22
1 in 100 year (l/s):		30.18
1 in 200 years (l/s):		34.53

This report was produced using the greenfield runoff tool developed by HR Wallingford and available at www.uksuds.com. The use of this tool is subject to the UK SuDS terms and conditions and licence agreement , which can both be found at www.uksuds.com/terms-and-conditions.htm. The outputs from this tool are estimates of greenfield runoff rates. The use of these results is the responsibility of the users of this tool. No liability will be accepted by HR Wallingford, the Environment Agency, CEH, Hydrosolutions or any other organisation for the use of this data in the design or operational characteristics of any drainage scheme.

Greenfield runoff rate estimation for sites

www.uksuds.com | Greenfield runoff tool

Calculated by:	Meagan Weedon
Site name:	Catchment 2a, Melksham
Site location:	

This is an estimation of the greenfield runoff rates that are used to meet normal best practice criteria in line with Environment Agency guidance "Rainfall runoff management for developments", SC030219 (2013) , the SuDS Manual C753 (Ciria, 2015) and the non-statutory standards for SuDS (Defra, 2015). This information on greenfield runoff rates may be the basis for setting consents for the drainage of surface water runoff from sites.

Site Details

Latitude:	51.37934° N
Longitude:	2.11823° W
Reference:	3898399280
Date:	Sep 24 2024 18:28

Runoff estimation approach

FEH Statistical

Site characteristics

Total site area (ha):	0.97

Methodology

Q_{MED} estimation method:	Calculate from BFI and SAAR
BFI and SPR method:	Specify BFI manually
HOST class:	N/A
BFI / BFIHOST:	0.231
Q_{MED} (l/s):	
Q_{BAR} / Q_{MED} factor:	1.08

Hydrological characteristics

	Default	Edited
SAAR (mm):	699	699
Hydrological region:	8	8
Growth curve factor 1 year:	0.78	0.78
Growth curve factor 30 years:	1.95	1.95
Growth curve factor 100 years:	2.43	2.43
Growth curve factor 200 years:	2.78	2.78

Notes

(1) Is Q_{BAR} < 2.0 l/s/ha?

When Q_{BAR} is < 2.0 l/s/ha then limiting discharge rates are set at 2.0 l/s/ha.

(2) Are flow rates < 5.0 l/s?

Where flow rates are less than 5.0 l/s consent for discharge is usually set at 5.0 l/s if blockage from vegetation and other materials is possible. Lower consent flow rates may be set where the blockage risk is addressed by using appropriate drainage elements.

(3) Is SPR/SPRHOST ≤ 0.3?

Where groundwater levels are low enough the use of soakaways to avoid discharge offsite would normally be preferred for disposal of surface water runoff.

Greenfield runoff rates

	Default	Edited
Q_{BAR} (l/s):		5.59
1 in 1 year (l/s):		4.36
1 in 30 years (l/s):		10.89
1 in 100 year (l/s):		13.57
1 in 200 years (l/s):		15.53

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Greenfield runoff rate estimation for sites

www.uksuds.com | Greenfield runoff tool

Calculated by:	Meagan Weedon
Site name:	Catchment 2b, Melksham
Site location:	Melksham

This is an estimation of the greenfield runoff rates that are used to meet normal best practice criteria in line with Environment Agency guidance "Rainfall runoff management for developments", SC030219 (2013) , the SuDS Manual C753 (Ciria, 2015) and the non-statutory standards for SuDS (Defra, 2015). This information on greenfield runoff rates may be the basis for setting consents for the drainage of surface water runoff from sites.

Site Details

Latitude:	51.37962° N
Longitude:	2.11643° W
Reference:	1233671826
Date:	Sep 23 2024 21:09

Runoff estimation approach

FEH Statistical

Site characteristics

Total site area (ha):	0.55

Methodology

Q_{MED} estimation method:	Calculate from BFI and SAAR
BFI and SPR method:	Specify BFI manually
HOST class:	N/A
BFI / BFIHOST:	0.231
Q_{MED} (l/s):	
Q_{BAR} / Q_{MED} factor:	1.08

Hydrological characteristics

	Default	Edited
SAAR (mm):	699	699
Hydrological region:	8	8
Growth curve factor 1 year:	0.78	0.78
Growth curve factor 30 years:	1.95	1.95
Growth curve factor 100 years:	2.43	2.43
Growth curve factor 200 years:	2.78	2.78

Notes

(1) Is Q_{BAR} < 2.0 l/s/ha?

When Q_{BAR} is < 2.0 l/s/ha then limiting discharge rates are set at 2.0 l/s/ha.

(2) Are flow rates < 5.0 l/s?

Where flow rates are less than 5.0 l/s consent for discharge is usually set at 5.0 l/s if blockage from vegetation and other materials is possible. Lower consent flow rates may be set where the blockage risk is addressed by using appropriate drainage elements.

(3) Is SPR/SPRHOST ≤ 0.3?

Where groundwater levels are low enough the use of soakaways to avoid discharge offsite would normally be preferred for disposal of surface water runoff.

Greenfield runoff rates

	Default	Edited
Q_{BAR} (l/s):		3.17
1 in 1 year (l/s):		2.47
1 in 30 years (l/s):		6.18
1 in 100 year (l/s):		7.7
1 in 200 years (l/s):		8.81

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Greenfield runoff rate estimation for sites

www.uksuds.com | Greenfield runoff tool

Calculated by:	Meagan Weedon
Site name:	Catchment 3, Melksham
Site location:	Melksham

This is an estimation of the greenfield runoff rates that are used to meet normal best practice criteria in line with Environment Agency guidance "Rainfall runoff management for developments", SC030219 (2013) , the SuDS Manual C753 (Ciria, 2015) and the non-statutory standards for SuDS (Defra, 2015). This information on greenfield runoff rates may be the basis for setting consents for the drainage of surface water runoff from sites.

Site Details

Latitude:	51.37962° N
Longitude:	2.11643° W
Reference:	3467057234
Date:	Sep 23 2024 21:36

Runoff estimation approach

FEH Statistical

Site characteristics

Total site area (ha): 5.64

Methodology

Q_{MED} estimation method:	Calculate from BFI and SAAR
BFI and SPR method:	Specify BFI manually
HOST class:	N/A
BFI / BFIHOST:	0.231
Q_{MED} (l/s):	
Q_{BAR} / Q_{MED} factor:	1.08

Hydrological characteristics

	Default	Edited
SAAR (mm):	699	699
Hydrological region:	8	8
Growth curve factor 1 year:	0.78	0.78
Growth curve factor 30 years:	1.95	1.95
Growth curve factor 100 years:	2.43	2.43
Growth curve factor 200 years:	2.78	2.78

Notes

(1) Is Q_{BAR} < 2.0 l/s/ha?

When Q_{BAR} is < 2.0 l/s/ha then limiting discharge rates are set at 2.0 l/s/ha.

(2) Are flow rates < 5.0 l/s?

Where flow rates are less than 5.0 l/s consent for discharge is usually set at 5.0 l/s if blockage from vegetation and other materials is possible. Lower consent flow rates may be set where the blockage risk is addressed by using appropriate drainage elements.

(3) Is SPR/SPRHOST ≤ 0.3?

Where groundwater levels are low enough the use of soakaways to avoid discharge offsite would normally be preferred for disposal of surface water runoff.

Greenfield runoff rates

	Default	Edited
Q_{BAR} (l/s):		32.48
1 in 1 year (l/s):		25.33
1 in 30 years (l/s):		63.34
1 in 100 year (l/s):		78.93
1 in 200 years (l/s):		90.3

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Appendix F

Catchment 1: Land at New Road Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by: COH	Approved By: COH
Report Details: Audit Report Storm Phase: Surface Network 1	Company Address:		

Discharge Volume

Details

Selected Rainfall	Storm
FEH	100 years: +45 %: 360 mins: Winter

Results

Outfall	Audit Discharge Volume (m^3)	Actual Discharge Volume (m^3)	Pass/Fail
S7	755.398	386.671	Pass

Catchment 2a : Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Audit Report Storm Phase: Surface Network 2a	Company Address:		

Discharge Volume

Details

Selected Rainfall	Storm
FEH	100 years: +45 %: 360 mins: Winter

Results

Outfall	Audit Discharge Volume (m^3)	Actual Discharge Volume (m^3)	Pass/Fail
S71	334.583	166.989	Pass

Catchment 2b:	Date:		
Land at New Farm Melksham	14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Audit Report Storm Phase: Surface Network 2b	Company Address:		

Discharge Volume

Details

Selected Rainfall	Storm
FEH	100 years: +45 %: 360 mins: Winter

Results

Outfall	Audit Discharge Volume (m^3)	Actual Discharge Volume (m^3)	Pass/Fail
S59	189.712	89.068	Pass

Catchment 3: Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by: COH	Approved By: COH
Report Details: Audit Report Storm Phase: Surface Network 3	Company Address:		

Discharge Volume

Details

Selected Rainfall	Storm
FEH	100 years: +45 %: 360 mins: Winter

Results

Outfall	Audit Discharge Volume (m^3)	Actual Discharge Volume (m^3)	Pass/Fail
S87	1945.408	943.905	Pass

Appendix G

Catchment 1:	Date:		
Land at New Road Melksham	14/11/2025		
	Designed by:	Checked by:	Approved By:
	MW		
Report Details: Type: Stormwater Controls Storm Phase: Surface Network 1	Company Address:		



S6

Type : Pond

Dimensions

Exceedance Level (m)	43.500
Depth (m)	1.600
Base Level (m)	41.900
Freeboard (mm)	300
Initial Depth (m)	0.000
Porosity (%)	100
Average Slope (1:X)	3.646
Total Volume (m³)	1518.064

Depth (m)	Area (m²)	Volume (m³)
0.000	888.188	0.000
0.100	928.341	90.819
0.200	969.874	185.722
0.300	1011.971	284.807
0.400	1054.632	388.130
0.500	1097.858	495.747
0.600	1141.650	607.715
0.700	1186.005	724.091
0.800	1230.926	844.931
0.900	1276.411	970.291
1.000	1322.461	1100.227
1.100	1369.076	1234.798
1.200	1416.255	1374.057
1.300	1464.000	1518.064
1.400	1512.309	1666.873
1.500	1560.084	1820.486
1.600	1611.413	1979.054

Inlets

Inlet (1)

Inlet Type	Point Inflow
Incoming Item(s)	Pipe
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (2)

Inlet Type	Point Inflow
Incoming Item(s)	Pipe (1)
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (3)

Inlet Type	Point Inflow
Incoming Item(s)	Pipe (2)
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (4)

Inlet Type	Point Inflow
Incoming Item(s)	1795.19m - 1.012
Bypass Destination	(None)
Capacity Type	No Restriction

Catchment 1:	Date:		
Land at New Road Melksham	14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Storm Phase: Surface Network 1	Company Address:		

Outlets

Outlet

Outgoing Connection	S6-S19
Outlet Type	Free Discharge

Advanced

Perimeter	Circular
Length (m)	68.970
Friction Scheme	Manning's n
n	0.5

Catchment 1: Land at New Road Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Inflow Summary Storm Phase: Surface Network 1	Company Address:		

Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
21.04m - 1.004	S167		Time of Concentration	0.002	100	0	100	0.002
21.04m - 1.009	S140		Time of Concentration	0.002	100	0	100	0.002
21.04m - 1.010	S3		Time of Concentration	0.002	100	0	100	0.002
21.04m - 1.010	S3		Time of Concentration	0.002	100	0	100	0.002
21.04m - 3.003	S64		Time of Concentration	0.002	100	0	100	0.002
21.04m - 6.000	S103		Time of Concentration	0.002	100	0	100	0.002
21.04m - 7.005	S13		Time of Concentration	0.002	100	0	100	0.002
21.04m - 7.005	S13		Time of Concentration	0.002	100	0	100	0.002
21.04m - 7.005	S13		Time of Concentration	0.002	100	0	100	0.002
21.04m - 7.006	S12		Time of Concentration	0.002	100	0	100	0.002
21.04m - 7.008	S10		Time of Concentration	0.002	30	0	30	0.001
21.04m - 7.008	S10		Time of Concentration	0.002	100	0	100	0.002
21.04m - 10.002	S130		Time of Concentration	0.002	100	0	100	0.002
21.04m - 10.002	S130		Time of Concentration	0.002	100	0	100	0.002
25.81m - 7.006	S12		Time of Concentration	0.003	100	0	100	0.003
39.34m - 7.005	S13		Time of Concentration	0.004	100	0	100	0.004
39.44m - 1.004	S167		Time of Concentration	0.004	100	0	100	0.004
39.44m - 1.008	S15		Time of Concentration	0.004	100	0	100	0.004
39.63m - 1.008	S15		Time of Concentration	0.004	100	0	100	0.004
41.42m - 1.004	S167		Time of Concentration	0.004	100	0	100	0.004
41.42m - 1.007	S14		Time of Concentration	0.004	100	0	100	0.004
41.42m - 3.003	S64		Time of Concentration	0.004	100	0	100	0.004
41.42m - 6.000	S103		Time of Concentration	0.004	100	0	100	0.004
41.42m - 7.008	S10		Time of Concentration	0.004	100	0	100	0.004
41.42m - 10.002	S130		Time of Concentration	0.004	100	0	100	0.004
42.10m - 1.006	S166		Time of Concentration	0.004	100	0	100	0.004
42.13m - 6.000	S103		Time of Concentration	0.004	100	10	110	0.005
42.13m - 6.000	S103		Time of Concentration	0.004	100	10	110	0.005
42.64m - 7.008	S10		Time of Concentration	0.004	100	0	100	0.004
42.88m - 1.010	S3		Time of Concentration	0.004	30	0	30	0.001
42.89m - 7.008	S10		Time of Concentration	0.004	100	0	100	0.004
43.20m - 3.003	S64		Time of Concentration	0.004	100	0	100	0.004
43.42m - 7.005	S13		Time of Concentration	0.004	100	0	100	0.004

43.70m - 2.000	S146		Time of Concentration	0.004	30	0	30	0.001
43.84m - 6.000	S103		Time of Concentration	0.004	100	0	100	0.004
44.00m - 1.004	S167		Time of Concentration	0.004	100	0	100	0.004
44.20m - 1.009	S140		Time of Concentration	0.004	100	0	100	0.004
44.93m - 7.005	S13		Time of Concentration	0.004	100	0	100	0.004
45.69m - 2.000	S146		Time of Concentration	0.005	30	0	30	0.001
45.88m - 2.000	S146		Time of Concentration	0.005	30	0	30	0.001
46.13m - 7.005	S13		Time of Concentration	0.005	100	0	100	0.005
46.56m - 1.004	S167		Time of Concentration	0.005	100	0	100	0.005
46.61m - 10.002	S130		Time of Concentration	0.005	100	0	100	0.005
47.04m - 10.002	S130		Time of Concentration	0.005	100	0	100	0.005
47.06m - 1.010	S3		Time of Concentration	0.005	100	0	100	0.005
47.10m - 7.007	S11		Time of Concentration	0.005	100	10	110	0.005
47.10m - 7.007	S11		Time of Concentration	0.005	100	10	110	0.005
47.10m - 7.007	S11		Time of Concentration	0.005	100	10	110	0.005
47.29m - 6.000	S103		Time of Concentration	0.005	100	0	100	0.005
47.30m - 1.010	S3		Time of Concentration	0.005	100	0	100	0.005
47.30m - 7.006	S12		Time of Concentration	0.005	100	0	100	0.005
47.56m - 2.000	S146		Time of Concentration	0.005	30	0	30	0.001
47.68m - 10.002	S130		Time of Concentration	0.005	100	0	100	0.005
47.94m - 1.006	S166		Time of Concentration	0.005	100	10	110	0.005
48.00m - 1.004	S167		Time of Concentration	0.005	30	0	30	0.001
50.90m - 1.008	S15		Time of Concentration	0.005	100	10	110	0.006
51.25m - 1.004	S167		Time of Concentration	0.005	100	10	110	0.006
51.25m - 1.006	S166		Time of Concentration	0.005	100	10	110	0.006
51.25m - 1.008	S15		Time of Concentration	0.005	100	10	110	0.006
51.25m - 1.008	S15		Time of Concentration	0.005	100	10	110	0.006
51.60m - 1.003	S171		Time of Concentration	0.005	100	0	100	0.005
51.71m - 2.000	S146		Time of Concentration	0.005	100	10	110	0.006
51.71m - 7.005	S13		Time of Concentration	0.005	100	10	110	0.006
52.31m - 6.002	S105		Time of Concentration	0.005	100	10	110	0.006
52.65m - 1.007	S14		Time of Concentration	0.005	100	10	110	0.006
52.89m - 2.000	S146		Time of Concentration	0.005	30	0	30	0.002
52.98m - 1.008	S15		Time of Concentration	0.005	100	10	110	0.006
53.17m - 1.003	S171		Time of Concentration	0.005	100	10	110	0.006

53.17m - 1.003	S171		Time of Concentration	0.005	100	10	110	0.006
53.17m - 1.003	S171		Time of Concentration	0.005	100	10	110	0.006
53.17m - 1.004	S167		Time of Concentration	0.005	100	10	110	0.006
53.17m - 2.000	S146		Time of Concentration	0.005	100	10	110	0.006
53.17m - 2.000	S146		Time of Concentration	0.005	100	10	110	0.006
53.17m - 2.000	S146		Time of Concentration	0.005	100	10	110	0.006
53.17m - 2.000	S146		Time of Concentration	0.005	100	10	110	0.006
53.17m - 7.005	S13		Time of Concentration	0.005	100	10	110	0.006
53.17m - 7.005	S13		Time of Concentration	0.005	100	10	110	0.006
53.69m - 7.007	S11		Time of Concentration	0.005	100	0	100	0.005
54.66m - 1.007	S14		Time of Concentration	0.005	100	10	110	0.006
54.66m - 1.007	S14		Time of Concentration	0.005	100	10	110	0.006
54.71m - 7.004	S85		Time of Concentration	0.005	100	10	110	0.006
54.71m - 7.004	S85		Time of Concentration	0.005	100	10	110	0.006
54.74m - 2.000	S146		Time of Concentration	0.005	100	0	100	0.005
54.95m - 1.003	S171		Time of Concentration	0.005	30	0	30	0.002
57.80m - 1.007	S14		Time of Concentration	0.006	100	10	110	0.006
57.85m - 1.010	S3		Time of Concentration	0.006	100	10	110	0.006
59.19m - 7.007	S11		Time of Concentration	0.006	100	0	100	0.006
60.11m - 1.004	S167		Time of Concentration	0.006	100	10	110	0.007
60.61m - 1.004	S167		Time of Concentration	0.006	30	0	30	0.002
62.71m - 7.008	S10		Time of Concentration	0.006	100	0	100	0.006
64.41m - 7.004	S85		Time of Concentration	0.006	100	10	110	0.007
65.40m - 6.000	S103		Time of Concentration	0.007	100	10	110	0.007
65.74m - 1.010	S3		Time of Concentration	0.007	100	10	110	0.007
65.90m - 7.004	S85		Time of Concentration	0.007	100	10	110	0.007
65.90m - 7.004	S85		Time of Concentration	0.007	100	10	110	0.007
66.43m - 7.005	S13		Time of Concentration	0.007	100	10	110	0.007
67.30m - 3.003	S64		Time of Concentration	0.007	30	0	30	0.002
69.94m - 1.008	S15		Time of Concentration	0.007	100	0	100	0.007
70.07m - 1.004	S167		Time of Concentration	0.007	100	0	100	0.007
70.10m - 1.004	S167		Time of Concentration	0.007	100	10	110	0.008
70.10m - 1.004	S167		Time of Concentration	0.007	100	10	110	0.008
70.10m - 1.007	S14		Time of Concentration	0.007	100	10	110	0.008
70.10m - 6.000	S103		Time of Concentration	0.007	100	10	110	0.008

70.10m - 6.000	S103		Time of Concentration	0.007	100	10	110	0.008
70.10m - 7.006	S12		Time of Concentration	0.007	100	10	110	0.008
70.26m - 1.010	S3		Time of Concentration	0.007	100	0	100	0.007
72.02m - 1.004	S167		Time of Concentration	0.007	100	10	110	0.008
72.02m - 1.007	S14		Time of Concentration	0.007	100	10	110	0.008
72.02m - 7.005	S13		Time of Concentration	0.007	100	10	110	0.008
72.02m - 7.005	S13		Time of Concentration	0.007	100	10	110	0.008
73.99m - 1.003	S171		Time of Concentration	0.007	100	10	110	0.008
74.49m - 1.007	S14		Time of Concentration	0.007	30	0	30	0.002
74.69m - 1.006	S166		Time of Concentration	0.007	30	0	30	0.002
74.96m - 1.009	S140		Time of Concentration	0.007	100	10	110	0.008
74.96m - 3.003	S64		Time of Concentration	0.007	100	10	110	0.008
74.96m - 7.008	S10		Time of Concentration	0.007	100	10	110	0.008
74.98m - 3.003	S64		Time of Concentration	0.007	100	10	110	0.008
74.98m - 7.005	S13		Time of Concentration	0.007	100	10	110	0.008
75.14m - 7.008	S10		Time of Concentration	0.008	30	0	30	0.002
76.57m - 10.002	S130		Time of Concentration	0.008	30	0	30	0.002
76.81m - 1.003	S171		Time of Concentration	0.008	100	0	100	0.008
76.92m - 1.007	S14		Time of Concentration	0.008	100	0	100	0.008
76.92m - 2.000	S146		Time of Concentration	0.008	100	10	110	0.008
76.92m - 2.000	S146		Time of Concentration	0.008	100	10	110	0.008
77.62m - 7.008	S10		Time of Concentration	0.008	100	0	100	0.008
78.36m - 7.007	S11		Time of Concentration	0.008	100	10	110	0.009
78.36m - 9.002	S145		Time of Concentration	0.008	100	10	110	0.009
78.36m - 9.002	S145		Time of Concentration	0.008	100	10	110	0.009
78.72m - 1.007	S14		Time of Concentration	0.008	100	0	100	0.008
78.74m - 1.009	S140		Time of Concentration	0.008	100	10	110	0.009
79.22m - 1.004	S167		Time of Concentration	0.008	100	0	100	0.008
79.62m - 3.003	S64		Time of Concentration	0.008	100	10	110	0.009
79.62m - 10.002	S130		Time of Concentration	0.008	100	10	110	0.009
79.96m - 6.000	S103		Time of Concentration	0.008	100	0	100	0.008
80.72m - 1.007	S14		Time of Concentration	0.008	100	0	100	0.008
82.76m - 1.006	S166		Time of Concentration	0.008	100	0	100	0.008
82.81m - 10.002	S130		Time of Concentration	0.008	30	0	30	0.002
83.02m - 1.004	S167		Time of Concentration	0.008	30	0	30	0.002

83.22m - 7.008	S10		Time of Concentration	0.008	100	10	110	0.009
83.22m - 7.008	S10		Time of Concentration	0.008	100	10	110	0.009
84.29m - 2.000	S146		Time of Concentration	0.008	100	0	100	0.008
84.70m - 10.002	S130		Time of Concentration	0.008	100	10	110	0.009
84.93m - 3.003	S64		Time of Concentration	0.008	100	0	100	0.008
85.09m - 10.002	S130		Time of Concentration	0.009	100	10	110	0.009
85.45m - 10.002	S130		Time of Concentration	0.009	30	0	30	0.003
87.39m - 7.008	S10		Time of Concentration	0.009	30	0	30	0.003
89.24m - 1.007	S14		Time of Concentration	0.009	100	0	100	0.009
90.00m - 1.003	S171		Time of Concentration	0.009	30	0	30	0.003
90.95m - 10.002	S130		Time of Concentration	0.009	100	10	110	0.010
96.56m - 7.005	S13		Time of Concentration	0.010	30	0	30	0.003
97.53m - 7.008	S10		Time of Concentration	0.010	100	10	110	0.011
97.67m - 10.002	S130		Time of Concentration	0.010	100	0	100	0.010
104.17m - 6.000	S103		Time of Concentration	0.010	100	0	100	0.010
104.42m - 1.003	S171		Time of Concentration	0.010	100	0	100	0.010
110.20m - 9.002	S145		Time of Concentration	0.011	30	0	30	0.003
111.96m - 6.000	S103		Time of Concentration	0.011	100	0	100	0.011
132.42m - 1.009	S140		Time of Concentration	0.013	30	0	30	0.004
135.93m - 1.009	S140		Time of Concentration	0.014	30	0	30	0.004
196.11m - 7.005	S13		Time of Concentration	0.020	100	0	100	0.020
197.85m - 7.009	S84		Time of Concentration	0.020	100	0	100	0.020
200.34m - 1.003	S171		Time of Concentration	0.020	100	0	100	0.020
218.79m - 3.003	S64		Time of Concentration	0.022	100	0	100	0.022
233.96m - 1.006	S166		Time of Concentration	0.023	100	0	100	0.023
255.92m - 6.001	S104		Time of Concentration	0.026	100	0	100	0.026
301.09m - 1.008	S15		Time of Concentration	0.030	100	0	100	0.030
349.99m - 10.002	S130		Time of Concentration	0.035	100	0	100	0.035
396.90m - 7.004	S85		Time of Concentration	0.040	100	0	100	0.040
411.03m - 9.002	S145		Time of Concentration	0.041	100	0	100	0.041
418.37m - 7.007	S11		Time of Concentration	0.042	100	0	100	0.042
493.45m - 7.005	S13		Time of Concentration	0.049	100	0	100	0.049
557.74m - 2.000	S146		Time of Concentration	0.056	100	0	100	0.056
632.74m - 1.004	S167		Time of Concentration	0.063	100	0	100	0.063
659.21m - 1.010	S3		Time of Concentration	0.066	100	0	100	0.066

808.48m - 6.000	S103		Time of Concentration	0.081	100	0	100	0.081
1795.19m - 1.012	S6		Time of Concentration	0.180	100	0	100	0.180
TOTAL		**0.0**		**1.760**				**1.683**

Catchment 1: Land at New Road Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Title: Rainfall Analysis Criteria	Company Address:		

Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Default
Urban Creep	Use Catchment Values
Junction Flood Risk Margin (mm)	0
Perform No Discharge Analysis	☐

Rainfall

FEH

Type: FEH

Site Location	GB 391912 164461 ST 91912 64461
Rainfall Version	2022
Summer	☑
Winter	☑

Return Period

Return Period (years)	Increase Rainfall (%)
2.0	0.000
30.0	40.000
100.0	45.000

Storm Durations

Duration (mins)	Run Time (mins)
15	30
30	60
60	120
120	240
180	360
240	480
360	720
480	960
600	1200
720	1440
960	1920
1440	2880
2160	4320
2880	5760

Catchment 1: Land at New Road Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Surface Network 1	Company Address:		

FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Resident Volume

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. Avg. Level (m)	Max. Avg. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m^3)	Max. Flooded Volume (m^3)	Max. Outflow (L/s)	Total Discharge Volume (m^3)	Half Drain Down Time (mins)	Percentage Available (%)	Status
S6	FEH: 2 years: +0 %: 960 mins: Summer	42.309	42.309	42.309	0.409	38.4	397.983	0.000	6.8	458.350		73.783	OK

Catchment 1: Land at New Road Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Surface Network 1	Company Address:		

FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Resident Volume

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. Avg. Level (m)	Max. Avg. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)	Status
S6	FEH: 30 years: +40 %: 960 mins: Winter	42.858	42.858	42.858	0.958	57.0	1045.499	0.000	10.4	874.196	640	31.129	OK

Catchment 1: Land at New Road Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Surface Network 1	Company Address:		

FEH: 100 years: Increase Rainfall (%): +45: Critical Storm Per Item: Rank By: Max. Resident Volume

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. Avg. Level (m)	Max. Avg. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m^3)	Max. Flooded Volume (m^3)	Max. Outflow (L/s)	Total Discharge Volume (m^3)	Half Drain Down Time (mins)	Percentage Available (%)	Status
S6	FEH: 100 years: +45 %: 960 mins: Winter	43.197	43.197	43.197	1.297	80.9	1513.771	0.000	12.8	1105.466		0.283	OK

Catchment 2a : Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Storm Phase: Surface Network 2a	Company Address:		

S72

Type : Pond

Dimensions

Exceedance Level (m)	43.135
Depth (m)	1.600
Base Level (m)	41.535
Freeboard (mm)	300
Initial Depth (m)	0.000
Porosity (%)	100
Average Slope (1:X)	3.238
Total Volume (m³)	835.087

Depth (m)	Area (m²)	Volume (m³)
0.000	460.76	0.000
0.100	486.10	47.337
0.200	512.51	97.262
0.300	539.50	149.857
0.400	567.04	205.178
0.500	595.15	263.282
0.600	623.83	324.226
0.700	653.08	388.065
0.800	682.88	454.858
0.900	713.26	524.659
1.000	744.20	597.526
1.100	775.70	673.516
1.200	807.77	752.684
1.300	840.41	835.087
1.400	873.61	920.782
1.500	907.37	1009.826
1.600	939.30	1102.154

Inlets

Inlet (1)

Inlet Type	Point Inflow
Incoming Item(s)	Pipe
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (2)

Inlet Type	Point Inflow
Incoming Item(s)	Pipe (1)
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (3)

Inlet Type	Point Inflow
Incoming Item(s)	990.05m - 1.005
Bypass Destination	(None)
Capacity Type	No Restriction

Catchment 2a : Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Storm Phase: Surface Network 2a	Company Address:		

Outlets

Outlet

Outgoing Connection	S72-S137
Outlet Type	Free Discharge

Advanced

Perimeter	Circular
Length (m)	42.388
Friction Scheme	Manning's n
n	0.5

Catchment 2a : Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Inflow Summary Storm Phase: Surface Network 2a	Company Address:		

Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
21.04m - 1.002	S45		Time of Concentration	0.002	100	0	100	0.002
21.04m - 1.003	S46		Time of Concentration	0.002	100	0	100	0.002
21.04m - 4.001	S107		Time of Concentration	0.002	100	0	100	0.002
21.04m - 6.000	S118		Time of Concentration	0.002	100	0	100	0.002
21.04m - 6.000	S118		Time of Concentration	0.002	100	0	100	0.002
21.04m - 6.000	S118		Time of Concentration	0.002	100	0	100	0.002
25.19m - 1.000	S77		Time of Concentration	0.003	100	0	100	0.003
25.19m - 1.000	S77		Time of Concentration	0.003	100	0	100	0.003
28.10m - 4.000	S106		Time of Concentration	0.003	100	0	100	0.003
38.49m - 1.000	S77		Time of Concentration	0.004	100	0	100	0.004
40.01m - 1.003	S46		Time of Concentration	0.004	100	0	100	0.004
41.42m - 4.002	S108		Time of Concentration	0.004	100	0	100	0.004
41.99m - 4.001	S107		Time of Concentration	0.004	100	0	100	0.004
42.13m - 1.000	S77		Time of Concentration	0.004	100	10	110	0.005
42.13m - 1.000	S77		Time of Concentration	0.004	100	10	110	0.005
42.13m - 1.000	S77		Time of Concentration	0.004	100	10	110	0.005
42.13m - 1.000	S77		Time of Concentration	0.004	100	10	110	0.005
47.10m - 2.000	S91		Time of Concentration	0.005	100	10	110	0.005
47.10m - 2.000	S91		Time of Concentration	0.005	100	10	110	0.005
48.68m - 6.000	S118		Time of Concentration	0.005	100	0	100	0.005
50.30m - 1.000	S77		Time of Concentration	0.005	100	10	110	0.006
50.30m - 1.000	S77		Time of Concentration	0.005	100	10	110	0.006
50.30m - 4.000	S106		Time of Concentration	0.005	100	10	110	0.006
50.30m - 4.000	S106		Time of Concentration	0.005	100	10	110	0.006
50.89m - 6.000	S118		Time of Concentration	0.005	100	0	100	0.005
52.31m - 1.000	S77		Time of Concentration	0.005	100	10	110	0.006
52.31m - 1.001	S44		Time of Concentration	0.005	100	10	110	0.006
53.53m - 1.000	S77		Time of Concentration	0.005	100	0	100	0.005
54.17m - 1.000	S77		Time of Concentration	0.005	100	10	110	0.006
54.71m - 2.000	S91		Time of Concentration	0.005	100	10	110	0.006
54.71m - 2.000	S91		Time of Concentration	0.005	100	10	110	0.006
61.04m - 5.000	S113		Time of Concentration	0.006	100	10	110	0.007
62.93m - 1.002	S45		Time of Concentration	0.006	100	0	100	0.006

64.51m - 4.000	S106		Time of Concentration	0.006	100	0	100	0.006
65.40m - 4.002	S108		Time of Concentration	0.007	100	10	110	0.007
67.25m - 4.000	S106		Time of Concentration	0.007	100	0	100	0.007
68.35m - 1.000	S77		Time of Concentration	0.007	100	0	100	0.007
70.10m - 4.002	S108		Time of Concentration	0.007	100	10	110	0.008
70.10m - 5.000	S113		Time of Concentration	0.007	100	10	110	0.008
70.10m - 6.000	S118		Time of Concentration	0.007	100	10	110	0.008
72.38m - 1.000	S77		Time of Concentration	0.007	100	0	100	0.007
73.79m - 6.000	S118		Time of Concentration	0.007	100	0	100	0.007
73.99m - 1.000	S77		Time of Concentration	0.007	100	10	110	0.008
76.92m - 2.000	S91		Time of Concentration	0.008	100	10	110	0.008
79.62m - 6.000	S118		Time of Concentration	0.008	100	10	110	0.009
83.22m - 1.002	S45		Time of Concentration	0.008	100	10	110	0.009
83.22m - 6.000	S118		Time of Concentration	0.008	100	10	110	0.009
84.08m - 4.002	S108		Time of Concentration	0.008	100	0	100	0.008
86.26m - 6.000	S118		Time of Concentration	0.009	100	10	110	0.009
91.15m - 5.000	S113		Time of Concentration	0.009	100	0	100	0.009
98.08m - 4.002	S108		Time of Concentration	0.010	100	0	100	0.010
99.20m - 2.000	S91		Time of Concentration	0.010	100	0	100	0.010
173.00m - 1.003	S46		Time of Concentration	0.017	100	0	100	0.017
189.10m - 1.002	S45		Time of Concentration	0.019	100	0	100	0.019
252.73m - 1.000	S77		Time of Concentration	0.025	100	0	100	0.025
289.66m - 1.003	S46		Time of Concentration	0.029	100	0	100	0.029
331.88m - 1.000	S77		Time of Concentration	0.033	100	0	100	0.033
392.53m - 2.000	S91		Time of Concentration	0.039	100	0	100	0.039
514.26m - 3.000	S139		Time of Concentration	0.051	100	0	100	0.051
693.06m - 4.001	S107		Time of Concentration	0.069	100	0	100	0.069
885.51m - 3.000	S139		Time of Concentration	0.089	100	0	100	0.089
990.05m - 1.005	S72		Time of Concentration	0.099	100	0	100	0.099
TOTAL		**0.0**		**0.757**				**0.772**

Catchment 2a : Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Title: Rainfall Analysis Criteria	Company Address:		

Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Default
Urban Creep	Use Catchment Values
Junction Flood Risk Margin (mm)	0
Perform No Discharge Analysis	☐

Catchment 2a : Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Surface Network 2a	Company Address:		

FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Resident Volume

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. Avg. Level (m)	Max. Avg. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)	Status
S72	FEH: 2 years: +0 %: 960 mins: Summer	41.891	41.891	41.891	0.356	16.8	180.674	0.000	2.7	174.065		78.365	OK

Catchment 2a : Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Surface Network 2a	Company Address:		

FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Resident Volume

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. Avg. Level (m)	Max. Avg. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)	Status
S72	FEH: 30 years: +40 %: 960 mins: Winter	42.371	42.371	42.371	0.836	25.8	479.767	0.000	5.2	382.206	300	42.549	OK

Catchment 2a : Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Surface Network 2a	Company Address:		

FEH: 100 years: Increase Rainfall (%): +45: Critical Storm Per Item: Rank By: Max. Resident Volume

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. Avg. Level (m)	Max. Avg. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m^3)	Max. Flooded Volume (m^3)	Max. Outflow (L/s)	Total Discharge Volume (m^3)	Half Drain Down Time (mins)	Percentage Available (%)	Status
S72	FEH: 100 years: +45 %: 1440 mins: Winter	42.675	42.675	42.674	1.139	28.6	704.395	0.000	7.1	695.604	1150	15.650	OK

Catchment 2b: Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Storm Phase: Surface Network 2b	Company Address:		

S57

Type : Pond

Dimensions

Exceedance Level (m)	43.035
Depth (m)	1.300
Base Level (m)	41.735
Freeboard (mm)	300
Initial Depth (m)	0.000
Porosity (%)	100
Average Slope (1:X)	3.663
Total Volume (m³)	497.693

Depth (m)	Area (m²)	Volume (m³)
0.000	358.55	0.000
0.100	384.36	37.138
0.200	411.25	76.911
0.300	438.71	119.402
0.400	466.74	164.666
0.500	495.33	212.763
0.600	524.49	263.746
0.700	554.21	317.675
0.800	584.51	374.604
0.900	615.37	434.591
1.000	646.80	497.693
1.100	678.79	563.966
1.200	711.35	633.466
1.300	749.37	706.494

Inlets

Inlet

Inlet Type	Point Inflow
Incoming Item(s)	739.10m - 1.008
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (1)

Inlet Type	Point Inflow
Incoming Item(s)	Pipe
Bypass Destination	(None)
Capacity Type	No Restriction

Outlets

Outlet

Outgoing Connection	S57-S136
Outlet Type	Free Discharge

Advanced

Perimeter	Circular
Length (m)	45.147
Friction Scheme	Manning's n
n	0.5

Catchment 2b: Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Inflow Summary Storm Phase: Surface Network 2b	Company Address:		

Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
25.08m - 3.000	S40		Time of Concentration	0.003	100	0	100	0.003
25.72m - 1.005	S86		Time of Concentration	0.003	100	0	100	0.003
27.41m - 3.000	S40		Time of Concentration	0.003	100	0	100	0.003
39.41m - 1.005	S86		Time of Concentration	0.004	100	0	100	0.004
41.42m - 4.004	S114		Time of Concentration	0.004	100	0	100	0.004
45.77m - 3.000	S40		Time of Concentration	0.005	100	10	110	0.005
47.10m - 3.000	S40		Time of Concentration	0.005	100	10	110	0.005
47.10m - 3.000	S40		Time of Concentration	0.005	100	10	110	0.005
49.86m - 5.002	S73		Time of Concentration	0.005	100	10	110	0.005
50.30m - 5.002	S73		Time of Concentration	0.005	100	10	110	0.006
50.30m - 5.002	S73		Time of Concentration	0.005	100	10	110	0.006
50.90m - 5.003	S74		Time of Concentration	0.005	100	10	110	0.006
51.25m - 5.002	S73		Time of Concentration	0.005	100	10	110	0.006
52.31m - 1.004	S43		Time of Concentration	0.005	100	10	110	0.006
54.17m - 1.003	S41		Time of Concentration	0.005	100	10	110	0.006
60.51m - 1.003	S41		Time of Concentration	0.006	100	10	110	0.007
60.70m - 1.003	S41		Time of Concentration	0.006	30	0	30	0.002
61.69m - 1.003	S41		Time of Concentration	0.006	100	10	110	0.007
62.55m - 1.004	S43		Time of Concentration	0.006	100	10	110	0.007
68.17m - 1.005	S86		Time of Concentration	0.007	100	10	110	0.007
70.10m - 4.004	S114		Time of Concentration	0.007	100	10	110	0.008
76.92m - 3.000	S40		Time of Concentration	0.008	100	10	110	0.008
77.01m - 5.002	S73		Time of Concentration	0.008	100	0	100	0.008
83.22m - 4.004	S114		Time of Concentration	0.008	100	10	110	0.009
85.11m - 5.002	S73		Time of Concentration	0.009	30	0	30	0.003
85.16m - 5.002	S73		Time of Concentration	0.009	100	0	100	0.009
102.56m - 1.003	S41		Time of Concentration	0.010	100	0	100	0.010
111.56m - 4.004	S114		Time of Concentration	0.011	100	0	100	0.011
121.33m - 1.003	S41		Time of Concentration	0.012	30	0	30	0.004
154.16m - 5.003	S74		Time of Concentration	0.015	100	0	100	0.015
248.42m - 5.004	S75		Time of Concentration	0.025	100	0	100	0.025
254.18m - 4.004	S114		Time of Concentration	0.025	100	0	100	0.025
320.36m - 3.000	S40		Time of Concentration	0.032	100	0	100	0.032

382.42m - 1.003	S41		Time of Concentration	0.038	100	0	100	0.038
567.96m - 1.004	S43		Time of Concentration	0.057	100	0	100	0.057
739.10m - 1.008	S57		Time of Concentration	0.074	100	0	100	0.074
TOTAL		**0.0**		**0.445**				**0.436**

Catchment 2b:	Date:		
Land at New Farm Melksham	14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Title: Rainfall Analysis Criteria	Company Address:		

Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Default
Urban Creep	Use Catchment Values
Junction Flood Risk Margin (mm)	0
Perform No Discharge Analysis	☐

Rainfall

FEH

Type: FEH

Site Location	GB 391912 164461 ST 91912 64461
Rainfall Version	2022
Summer	☑
Winter	☑

Return Period

Return Period (years)	Increase Rainfall (%)
2.0	0.000
30.0	40.000
100.0	45.000

Storm Durations

Duration (mins)	Run Time (mins)
15	30
30	60
60	120
120	240
180	360
240	480
360	720
480	960
600	1200
720	1440
960	1920
1440	2880
2160	4320
2880	5760

Catchment 2b: Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Surface Network 2b	Company Address:		

FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Resident Volume

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. Avg. Level (m)	Max. Avg. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)	Status
S57	FEH: 2 years: +0 %: 960 mins: Summer	42.021	42.021	42.021	0.286	10.2	113.226	0.000	1.4	83.674		77.250	OK

Catchment 2b: Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Surface Network 2b	Company Address:		

FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Resident Volume

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. Avg. Level (m)	Max. Avg. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)	Status
S57	FEH: 30 years: +40 %: 960 mins: Winter	42.419	42.418	42.419	0.684	17.0	308.595	0.000	5.2	199.654	505	37.995	OK

Catchment 2b: Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Surface Network 2b	Company Address:		

FEH: 100 years: Increase Rainfall (%): +45: Critical Storm Per Item: Rank By: Max. Resident Volume

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. Avg. Level (m)	Max. Avg. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m^3)	Max. Flooded Volume (m^3)	Max. Outflow (L/s)	Total Discharge Volume (m^3)	Half Drain Down Time (mins)	Percentage Available (%)	Status
S57	FEH: 100 years: +45 %: 1440 mins: Winter	42.635	42.635	42.635	0.900	16.9	434.714	0.000	3.5	376.731	1380	12.654	OK

Catchment 3:	Date:		
Land at New Farm Melksham	14/11/2025		
	Designed by:	Checked by:	Approved By:
	MW		
Report Details: Type: Stormwater Controls Storm Phase: Surface Network 3	Company Address:		



S80

Type : Pond

Dimensions

Exceedance Level (m)	42.600
Depth (m)	1.840
Base Level (m)	40.760
Freeboard (mm)	300
Initial Depth (m)	0.000
Porosity (%)	100
Average Slope (1:X)	4.059
Total Volume (m³)	3421.397

Depth (m)	Area (m²)	Volume (m³)
0.000	1708.515	0.000
0.100	1771.431	173.988
0.200	1836.190	354.359
0.300	1901.515	541.235
0.400	1967.404	734.672
0.500	2033.857	934.725
0.600	2100.876	1141.453
0.700	2168.460	1354.911
0.800	2236.608	1575.155
0.900	2305.321	1802.243
1.000	2374.599	2036.231
1.100	2444.442	2277.174
1.200	2514.850	2525.131
1.300	2585.822	2780.156
1.400	2657.359	3042.307
1.500	2729.461	3311.640
1.600	2802.128	3588.211
1.750	2909.425	4016.553
1.840	2978.218	4281.491

Inlets

Inlet (1)

Inlet Type	Point Inflow
Incoming Item(s)	Pipe
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet (2)

Inlet Type	Point Inflow
Incoming Item(s)	Pipe (1)
Bypass Destination	(None)
Capacity Type	No Restriction

Inlet

Inlet Type	Point Inflow
Incoming Item(s)	2950.75m - 1.011
Bypass Destination	(None)
Capacity Type	No Restriction

Outlets

Outlet

Outgoing Connection	S80-S138
Outlet Type	Free Discharge

Advanced

Perimeter	Circular
Length (m)	100.575
Friction Scheme	Manning's n
n	0.5



S148

Type : Tank

Dimensions

Exceedance Level (m)	42.910
Depth (m)	0.800
Base Level (m)	42.110
Freeboard (mm)	0
Initial Depth (m)	0.000
Porosity (%)	95
Average Slope (1:X)	0.00
Total Volume (m³)	349.600

Depth (m)	Area (m²)	Volume (m³)
0.000	460.00	0.000
0.800	460.00	349.600

Inlets

Inlet

Inlet Type	Point Inflow
Incoming Item(s)	3087.34m - 9.000
Bypass Destination	(None)
Capacity Type	No Restriction

Outlets

Outlet

Outgoing Connection	S148-S147
Outlet Type	Free Discharge

Advanced

Perimeter	Circular
Length (m)	30.749

Catchment 3: Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Inflow Summary Storm Phase: Surface Network 3	Company Address:		

Inflow Label	Connected To	Flow (L/s)	Runoff Method	Area (ha)	Percentage Impervious (%)	Urban Creep (%)	Adjusted Percentage Impervious (%)	Area Analysed (ha)
12.64m - 5.002	S34		Time of Concentration	0.001	100	0	100	0.001
20.94m - 10.000	S98		Time of Concentration	0.002	100	0	100	0.002
20.99m - 1.001	S100		Time of Concentration	0.002	100	0	100	0.002
20.99m - 10.000	S98		Time of Concentration	0.002	100	0	100	0.002
20.99m - 10.000	S98		Time of Concentration	0.002	100	0	100	0.002
21.04m - 1.000	S99		Time of Concentration	0.002	100	0	100	0.002
21.04m - 1.001	S100		Time of Concentration	0.002	100	0	100	0.002
21.04m - 1.002	S23		Time of Concentration	0.002	100	0	100	0.002
21.04m - 1.002	S23		Time of Concentration	0.002	100	0	100	0.002
21.04m - 1.003	S25		Time of Concentration	0.002	100	0	100	0.002
21.04m - 1.003	S25		Time of Concentration	0.002	100	0	100	0.002
21.04m - 1.004	S26		Time of Concentration	0.002	100	0	100	0.002
21.04m - 1.006	S27		Time of Concentration	0.002	100	0	100	0.002
21.04m - 1.007	S54		Time of Concentration	0.002	100	0	100	0.002
21.04m - 1.008	S53		Time of Concentration	0.002	100	0	100	0.002
21.04m - 2.000	S101		Time of Concentration	0.002	100	0	100	0.002
21.04m - 2.000	S101		Time of Concentration	0.002	100	0	100	0.002
21.04m - 3.002	S21		Time of Concentration	0.002	100	0	100	0.002
21.04m - 3.002	S21		Time of Concentration	0.002	100	0	100	0.002
21.04m - 4.000	S125		Time of Concentration	0.002	100	0	100	0.002
21.04m - 4.000	S125		Time of Concentration	0.002	100	0	100	0.002
21.04m - 8.001	S135		Time of Concentration	0.002	100	0	100	0.002
21.04m - 12.000	S28		Time of Concentration	0.002	100	0	100	0.002
21.04m - 13.005	S120		Time of Concentration	0.002	100	0	100	0.002
21.04m - 13.005	S120		Time of Concentration	0.002	100	0	100	0.002
21.04m - 13.008	S123		Time of Concentration	0.002	100	0	100	0.002
21.04m - 13.009	S29		Time of Concentration	0.002	100	0	100	0.002
21.04m - 13.009	S29		Time of Concentration	0.002	100	0	100	0.002
24.23m - 1.009	S81		Time of Concentration	0.002	100	0	100	0.002
24.97m - 1.000	S99		Time of Concentration	0.002	100	0	100	0.002
25.18m - 5.001	S33		Time of Concentration	0.003	100	0	100	0.003
27.73m - 1.009	S81		Time of Concentration	0.003	30	0	30	0.001
33.28m - 9.004	S17		Time of Concentration	0.003	100	0	100	0.003

33.94m - 1.004	S26		Time of Concentration	0.003	100	10	110	0.004
35.44m - 1.002	S23		Time of Concentration	0.004	100	0	100	0.004
35.62m - 1.001	S100		Time of Concentration	0.004	100	0	100	0.004
36.33m - 1.007	S54		Time of Concentration	0.004	100	0	100	0.004
37.23m - 8.000	S134		Time of Concentration	0.004	100	0	100	0.004
37.48m - 12.000	S28		Time of Concentration	0.004	100	0	100	0.004
37.80m - 12.000	S28		Time of Concentration	0.004	100	0	100	0.004
38.21m - 8.001	S135		Time of Concentration	0.004	100	0	100	0.004
38.35m - 1.003	S25		Time of Concentration	0.004	100	0	100	0.004
38.58m - 1.003	S25		Time of Concentration	0.004	100	0	100	0.004
38.70m - 5.002	S34		Time of Concentration	0.004	100	0	100	0.004
39.05m - 9.002	S102		Time of Concentration	0.004	100	0	100	0.004
39.78m - 5.002	S34		Time of Concentration	0.004	100	0	100	0.004
39.96m - 1.008	S53		Time of Concentration	0.004	100	0	100	0.004
40.19m - 13.001	S51		Time of Concentration	0.004	100	0	100	0.004
40.39m - 1.007	S54		Time of Concentration	0.004	100	0	100	0.004
40.69m - 1.004	S26		Time of Concentration	0.004	100	0	100	0.004
41.36m - 13.001	S51		Time of Concentration	0.004	100	0	100	0.004
41.42m - 1.000	S99		Time of Concentration	0.004	100	0	100	0.004
41.42m - 1.002	S23		Time of Concentration	0.004	100	0	100	0.004
41.42m - 1.003	S25		Time of Concentration	0.004	100	0	100	0.004
41.42m - 1.004	S26		Time of Concentration	0.004	100	0	100	0.004
41.42m - 1.009	S81		Time of Concentration	0.004	100	0	100	0.004
41.42m - 1.010	S78		Time of Concentration	0.004	100	0	100	0.004
41.42m - 3.000	S126		Time of Concentration	0.004	100	0	100	0.004
41.42m - 3.002	S21		Time of Concentration	0.004	100	0	100	0.004
41.42m - 4.000	S125		Time of Concentration	0.004	100	0	100	0.004
41.42m - 5.002	S34		Time of Concentration	0.004	100	0	100	0.004
41.42m - 5.002	S34		Time of Concentration	0.004	100	0	100	0.004
41.42m - 10.000	S98		Time of Concentration	0.004	100	0	100	0.004
41.42m - 12.000	S28		Time of Concentration	0.004	100	0	100	0.004
41.42m - 13.009	S29		Time of Concentration	0.004	100	0	100	0.004
41.45m - 13.006	S121		Time of Concentration	0.004	100	0	100	0.004
41.90m - 5.002	S34		Time of Concentration	0.004	100	0	100	0.004
42.13m - 9.005	S16		Time of Concentration	0.004	100	10	110	0.005

42.13m - 9.005	S16		Time of Concentration	0.004	100	10	110	0.005
42.25m - 8.001	S135		Time of Concentration	0.004	100	0	100	0.004
42.30m - 13.008	S123		Time of Concentration	0.004	100	0	100	0.004
42.41m - 5.002	S34		Time of Concentration	0.004	100	0	100	0.004
42.43m - 3.000	S126		Time of Concentration	0.004	100	0	100	0.004
42.46m - 1.002	S23		Time of Concentration	0.004	100	0	100	0.004
42.89m - 13.000	S52		Time of Concentration	0.004	100	0	100	0.004
43.87m - 1.001	S100		Time of Concentration	0.004	100	0	100	0.004
43.97m - 1.002	S23		Time of Concentration	0.004	100	0	100	0.004
43.97m - 1.002	S23		Time of Concentration	0.004	100	0	100	0.004
44.19m - 9.002	S102		Time of Concentration	0.004	100	0	100	0.004
44.31m - 4.000	S125		Time of Concentration	0.004	100	0	100	0.004
44.72m - 13.000	S52		Time of Concentration	0.004	100	0	100	0.004
44.90m - 1.000	S99		Time of Concentration	0.004	100	0	100	0.004
44.90m - 5.002	S34		Time of Concentration	0.004	100	0	100	0.004
45.47m - 1.001	S100		Time of Concentration	0.005	100	0	100	0.005
45.69m - 1.003	S25		Time of Concentration	0.005	100	0	100	0.005
45.78m - 8.000	S134		Time of Concentration	0.005	100	0	100	0.005
45.78m - 10.000	S98		Time of Concentration	0.005	100	0	100	0.005
45.81m - 11.000	S95		Time of Concentration	0.005	100	10	110	0.005
46.10m - 11.001	S96		Time of Concentration	0.005	100	0	100	0.005
46.87m - 10.000	S98		Time of Concentration	0.005	100	0	100	0.005
47.04m - 10.000	S98		Time of Concentration	0.005	100	0	100	0.005
47.10m - 5.000	S150		Time of Concentration	0.005	100	10	110	0.005
47.10m - 5.000	S150		Time of Concentration	0.005	100	10	110	0.005
47.10m - 5.002	S34		Time of Concentration	0.005	100	10	110	0.006
47.10m - 5.002	S34		Time of Concentration	0.006	100	10	110	0.006
47.10m - 6.000	S149		Time of Concentration	0.005	100	10	110	0.005
47.10m - 6.000	S149		Time of Concentration	0.005	100	10	110	0.005
47.10m - 9.004	S17		Time of Concentration	0.005	100	10	110	0.005
47.10m - 9.005	S16		Time of Concentration	0.005	100	10	110	0.005
47.10m - 9.005	S16		Time of Concentration	0.005	100	10	110	0.005
47.10m - 11.000	S95		Time of Concentration	0.005	100	10	110	0.005
47.10m - 11.000	S95		Time of Concentration	0.005	100	10	110	0.005
47.10m - 11.000	S95		Time of Concentration	0.005	100	10	110	0.005

47.10m - 11.000	S95		Time of Concentration	0.005	100	10	110	0.005
47.10m - 13.000	S52		Time of Concentration	0.005	100	10	110	0.005
47.10m - 13.000	S52		Time of Concentration	0.005	100	10	110	0.005
47.24m - 13.009	S29		Time of Concentration	0.005	100	0	100	0.005
47.37m - 2.000	S101		Time of Concentration	0.005	100	0	100	0.005
47.77m - 13.006	S121		Time of Concentration	0.005	100	10	110	0.005
48.12m - 13.009	S29		Time of Concentration	0.005	100	0	100	0.005
49.33m - 12.000	S28		Time of Concentration	0.005	100	0	100	0.005
49.65m - 1.007	S54		Time of Concentration	0.005	100	10	110	0.005
49.81m - 1.004	S26		Time of Concentration	0.005	100	10	110	0.005
49.82m - 9.005	S16		Time of Concentration	0.005	100	10	110	0.005
49.82m - 9.005	S16		Time of Concentration	0.005	100	10	110	0.005
49.88m - 3.000	S126		Time of Concentration	0.005	100	0	100	0.005
50.18m - 13.006	S121		Time of Concentration	0.005	100	10	110	0.006
50.22m - 13.000	S52		Time of Concentration	0.005	100	0	100	0.005
50.25m - 2.000	S101		Time of Concentration	0.005	100	0	100	0.005
50.30m - 1.003	S25		Time of Concentration	0.005	100	10	110	0.006
50.30m - 1.003	S25		Time of Concentration	0.005	100	10	110	0.006
50.30m - 1.004	S26		Time of Concentration	0.005	100	10	110	0.006
50.30m - 1.004	S26		Time of Concentration	0.005	100	10	110	0.006
50.30m - 1.006	S27		Time of Concentration	0.005	100	10	110	0.006
50.30m - 1.006	S27		Time of Concentration	0.005	100	10	110	0.006
50.30m - 5.002	S34		Time of Concentration	0.005	100	10	110	0.006
50.30m - 5.002	S34		Time of Concentration	0.005	100	10	110	0.006
50.30m - 9.005	S16		Time of Concentration	0.005	100	10	110	0.006
50.30m - 9.005	S16		Time of Concentration	0.005	100	10	110	0.006
50.30m - 9.005	S16		Time of Concentration	0.005	100	10	110	0.006
50.30m - 9.005	S16		Time of Concentration	0.005	100	10	110	0.006
50.30m - 12.000	S28		Time of Concentration	0.005	100	10	110	0.006
50.30m - 12.000	S28		Time of Concentration	0.005	100	10	110	0.006
50.90m - 1.004	S26		Time of Concentration	0.005	100	10	110	0.006
51.01m - 3.000	S126		Time of Concentration	0.005	100	10	110	0.006
51.11m - 1.007	S54		Time of Concentration	0.005	100	10	110	0.006
51.20m - 13.001	S51		Time of Concentration	0.005	100	10	110	0.006
51.21m - 2.000	S101		Time of Concentration	0.005	100	10	110	0.006

51.25m - 1.002	S23		Time of Concentration	0.005	100	10	110	0.006
51.25m - 3.002	S21		Time of Concentration	0.005	100	10	110	0.006
51.25m - 5.002	S34		Time of Concentration	0.005	100	10	110	0.006
51.25m - 8.001	S135		Time of Concentration	0.006	100	10	110	0.006
51.25m - 8.001	S135		Time of Concentration	0.005	100	10	110	0.006
51.25m - 9.004	S17		Time of Concentration	0.005	100	10	110	0.006
51.25m - 12.000	S28		Time of Concentration	0.005	100	10	110	0.006
51.25m - 13.006	S121		Time of Concentration	0.005	100	10	110	0.006
51.38m - 1.000	S99		Time of Concentration	0.005	100	10	110	0.006
51.38m - 1.001	S100		Time of Concentration	0.005	100	10	110	0.006
51.38m - 5.002	S34		Time of Concentration	0.005	100	10	110	0.006
52.31m - 1.003	S25		Time of Concentration	0.005	100	10	110	0.006
52.37m - 1.006	S27		Time of Concentration	0.005	30	0	30	0.002
53.19m - 13.006	S121		Time of Concentration	0.005	30	0	30	0.002
54.17m - 1.003	S25		Time of Concentration	0.005	100	10	110	0.006
54.17m - 1.010	S78		Time of Concentration	0.005	100	10	110	0.006
54.17m - 3.000	S126		Time of Concentration	0.005	100	10	110	0.006
54.24m - 1.004	S26		Time of Concentration	0.005	100	0	100	0.005
54.24m - 13.003	S124		Time of Concentration	0.005	30	0	30	0.002
54.65m - 1.006	S27		Time of Concentration	0.005	30	0	30	0.002
54.70m - 1.007	S54		Time of Concentration	0.005	100	10	110	0.006
54.70m - 1.007	S54		Time of Concentration	0.005	100	10	110	0.006
54.70m - 1.008	S53		Time of Concentration	0.005	100	10	110	0.006
54.70m - 11.001	S96		Time of Concentration	0.005	100	10	110	0.006
54.71m - 6.000	S149		Time of Concentration	0.005	100	10	110	0.006
54.71m - 6.000	S149		Time of Concentration	0.005	100	10	110	0.006
54.71m - 7.000	S127		Time of Concentration	0.005	100	10	110	0.006
54.71m - 7.000	S127		Time of Concentration	0.005	100	10	110	0.006
54.71m - 7.000	S127		Time of Concentration	0.005	100	10	110	0.006
54.71m - 11.001	S96		Time of Concentration	0.005	100	10	110	0.006
54.71m - 13.000	S52		Time of Concentration	0.005	100	10	110	0.006
56.30m - 1.008	S53		Time of Concentration	0.006	100	10	110	0.006
56.30m - 13.000	S52		Time of Concentration	0.006	100	10	110	0.006
56.57m - 4.000	S125		Time of Concentration	0.006	100	0	100	0.006
56.89m - 1.009	S81		Time of Concentration	0.006	100	0	100	0.006

57.53m - 13.005	S120		Time of Concentration	0.006	100	0	100	0.006
58.10m - 1.009	S81		Time of Concentration	0.006	30	0	30	0.002
58.55m - 11.000	S95		Time of Concentration	0.006	100	0	100	0.006
59.94m - 1.006	S27		Time of Concentration	0.006	100	0	100	0.006
60.61m - 3.002	S21		Time of Concentration	0.006	100	0	100	0.006
60.78m - 1.006	S27		Time of Concentration	0.006	30	0	30	0.002
61.04m - 3.000	S126		Time of Concentration	0.006	100	10	110	0.007
61.04m - 3.002	S21		Time of Concentration	0.006	100	10	110	0.007
61.04m - 5.002	S34		Time of Concentration	0.006	100	10	110	0.007
61.04m - 5.002	S34		Time of Concentration	0.006	100	10	110	0.007
61.04m - 10.000	S98		Time of Concentration	0.006	100	10	110	0.007
61.04m - 12.000	S28		Time of Concentration	0.006	100	10	110	0.007
61.39m - 13.000	S52		Time of Concentration	0.006	100	0	100	0.006
61.69m - 7.000	S127		Time of Concentration	0.006	100	10	110	0.007
62.14m - 11.001	S96		Time of Concentration	0.006	100	0	100	0.006
62.92m - 1.010	S78		Time of Concentration	0.006	100	0	100	0.006
64.41m - 6.000	S149		Time of Concentration	0.006	100	10	110	0.007
64.44m - 5.001	S33		Time of Concentration	0.006	100	10	110	0.007
64.97m - 13.005	S120		Time of Concentration	0.006	100	0	100	0.006
65.18m - 3.002	S21		Time of Concentration	0.007	100	0	100	0.007
65.36m - 1.002	S23		Time of Concentration	0.007	100	10	110	0.007
65.36m - 1.009	S81		Time of Concentration	0.007	100	10	110	0.007
65.40m - 13.009	S29		Time of Concentration	0.007	100	10	110	0.007
65.50m - 13.002	S50		Time of Concentration	0.007	100	0	100	0.007
65.55m - 1.003	S25		Time of Concentration	0.007	100	0	100	0.007
66.43m - 1.003	S25		Time of Concentration	0.007	100	10	110	0.007
66.43m - 5.000	S150		Time of Concentration	0.007	100	10	110	0.007
66.43m - 5.001	S33		Time of Concentration	0.007	100	10	110	0.007
66.43m - 6.000	S149		Time of Concentration	0.007	100	10	110	0.007
66.43m - 7.000	S127		Time of Concentration	0.007	100	10	110	0.007
67.05m - 13.009	S29		Time of Concentration	0.007	30	0	30	0.002
67.09m - 1.009	S81		Time of Concentration	0.007	30	0	30	0.002
67.29m - 9.002	S102		Time of Concentration	0.007	100	10	110	0.007
67.33m - 1.007	S54		Time of Concentration	0.007	100	0	100	0.007
68.55m - 13.005	S120		Time of Concentration	0.007	100	0	100	0.007

68.55m - 13.006	S121		Time of Concentration	0.007	30	0	30	0.002
69.56m - 9.004	S17		Time of Concentration	0.007	100	0	100	0.007
70.10m - 1.001	S100		Time of Concentration	0.007	100	10	110	0.008
70.10m - 1.001	S100		Time of Concentration	0.007	100	10	110	0.008
70.10m - 1.002	S23		Time of Concentration	0.007	100	10	110	0.008
70.10m - 1.002	S23		Time of Concentration	0.007	100	10	110	0.008
70.10m - 1.002	S23		Time of Concentration	0.007	100	10	110	0.008
70.10m - 1.002	S23		Time of Concentration	0.007	100	10	110	0.008
70.10m - 1.002	S23		Time of Concentration	0.008	100	0	100	0.008
70.10m - 1.003	S25		Time of Concentration	0.007	100	10	110	0.008
70.10m - 1.003	S25		Time of Concentration	0.007	100	10	110	0.008
70.10m - 1.004	S26		Time of Concentration	0.007	100	10	110	0.008
70.10m - 1.004	S26		Time of Concentration	0.007	100	10	110	0.008
70.10m - 1.006	S27		Time of Concentration	0.007	100	10	110	0.008
70.10m - 1.007	S54		Time of Concentration	0.007	100	10	110	0.008
70.10m - 1.009	S81		Time of Concentration	0.007	100	10	110	0.008
70.10m - 1.010	S78		Time of Concentration	0.007	100	10	110	0.008
70.10m - 3.001	S20		Time of Concentration	0.007	100	10	110	0.008
70.10m - 8.001	S135		Time of Concentration	0.008	100	10	110	0.008
70.10m - 8.001	S135		Time of Concentration	0.007	100	10	110	0.008
70.10m - 10.000	S98		Time of Concentration	0.007	100	10	110	0.008
70.10m - 12.000	S28		Time of Concentration	0.007	100	10	110	0.008
70.10m - 12.000	S28		Time of Concentration	0.007	100	10	110	0.008
70.10m - 12.000	S28		Time of Concentration	0.007	100	10	110	0.008
70.10m - 13.001	S51		Time of Concentration	0.007	100	10	110	0.008
70.10m - 13.002	S50		Time of Concentration	0.007	100	10	110	0.008
70.10m - 13.005	S120		Time of Concentration	0.007	100	10	110	0.008
70.10m - 13.007	S122		Time of Concentration	0.007	100	10	110	0.008
70.10m - 13.009	S29		Time of Concentration	0.007	100	10	110	0.008
70.80m - 9.004	S17		Time of Concentration	0.007	100	0	100	0.007
71.40m - 1.006	S27		Time of Concentration	0.007	30	0	30	0.002
72.02m - 1.003	S25		Time of Concentration	0.007	100	10	110	0.008
72.02m - 1.008	S53		Time of Concentration	0.007	100	10	110	0.008
72.02m - 10.000	S98		Time of Concentration	0.007	100	10	110	0.008
72.10m - 5.002	S34		Time of Concentration	0.007	100	0	100	0.007

72.34m - 1.006	S27		Time of Concentration	0.007	30	0	30	0.002
72.53m - 3.002	S21		Time of Concentration	0.007	100	0	100	0.007
72.82m - 1.009	S81		Time of Concentration	0.007	30	0	30	0.002
73.14m - 13.003	S124		Time of Concentration	0.007	30	0	30	0.002
73.99m - 1.007	S54		Time of Concentration	0.007	100	10	110	0.008
74.98m - 1.000	S99		Time of Concentration	0.007	100	10	110	0.008
74.98m - 1.004	S26		Time of Concentration	0.007	100	10	110	0.008
74.98m - 4.000	S125		Time of Concentration	0.009	100	10	110	0.009
76.19m - 1.003	S25		Time of Concentration	0.008	100	0	100	0.008
76.59m - 1.004	S26		Time of Concentration	0.008	100	10	110	0.008
76.92m - 1.007	S54		Time of Concentration	0.008	100	10	110	0.008
76.92m - 1.008	S53		Time of Concentration	0.008	100	10	110	0.008
76.92m - 9.002	S102		Time of Concentration	0.008	100	10	110	0.008
76.92m - 9.003	S18		Time of Concentration	0.008	100	10	110	0.008
76.92m - 9.004	S17		Time of Concentration	0.008	100	10	110	0.008
76.92m - 11.002	S97		Time of Concentration	0.008	100	10	110	0.008
76.92m - 13.000	S52		Time of Concentration	0.008	100	10	110	0.008
77.96m - 13.008	S123		Time of Concentration	0.008	100	10	110	0.009
78.36m - 1.007	S54		Time of Concentration	0.008	100	10	110	0.009
78.36m - 1.008	S53		Time of Concentration	0.008	100	10	110	0.009
78.62m - 1.003	S25		Time of Concentration	0.008	100	0	100	0.008
78.62m - 1.004	S26		Time of Concentration	0.008	100	0	100	0.008
79.05m - 1.006	S27		Time of Concentration	0.008	100	0	100	0.008
79.11m - 1.002	S23		Time of Concentration	0.008	30	0	30	0.002
79.62m - 1.000	S99		Time of Concentration	0.008	100	10	110	0.009
79.62m - 1.000	S99		Time of Concentration	0.008	100	10	110	0.009
79.62m - 1.003	S25		Time of Concentration	0.009	100	10	110	0.010
79.62m - 3.000	S126		Time of Concentration	0.008	100	10	110	0.009
79.62m - 4.000	S125		Time of Concentration	0.009	100	10	110	0.010
79.62m - 10.000	S98		Time of Concentration	0.008	100	10	110	0.009
80.61m - 9.002	S102		Time of Concentration	0.008	100	10	110	0.009
80.61m - 13.000	S52		Time of Concentration	0.008	100	10	110	0.009
81.27m - 1.004	S26		Time of Concentration	0.008	100	0	100	0.008
81.47m - 3.002	S21		Time of Concentration	0.008	100	0	100	0.008
82.00m - 13.005	S120		Time of Concentration	0.008	100	10	110	0.009

82.82m - 4.000	S125		Time of Concentration	0.008	100	0	100	0.008
83.22m - 1.001	S100		Time of Concentration	0.008	100	10	110	0.009
83.22m - 2.000	S101		Time of Concentration	0.008	100	10	110	0.009
83.22m - 3.002	S21		Time of Concentration	0.008	100	10	110	0.009
83.22m - 13.002	S50		Time of Concentration	0.008	100	10	110	0.009
83.22m - 13.005	S120		Time of Concentration	0.008	100	10	110	0.009
83.67m - 1.008	S53		Time of Concentration	0.008	100	0	100	0.008
84.20m - 9.002	S102		Time of Concentration	0.008	100	0	100	0.008
84.78m - 5.002	S34		Time of Concentration	0.008	100	0	100	0.008
84.86m - 12.000	S28		Time of Concentration	0.008	100	0	100	0.008
85.19m - 13.001	S51		Time of Concentration	0.009	100	0	100	0.009
86.26m - 1.001	S100		Time of Concentration	0.010	100	10	110	0.011
86.26m - 1.009	S81		Time of Concentration	0.010	100	10	110	0.011
86.26m - 1.010	S78		Time of Concentration	0.009	100	10	110	0.009
86.26m - 2.000	S101		Time of Concentration	0.010	100	10	110	0.011
86.26m - 4.000	S125		Time of Concentration	0.010	100	10	110	0.011
86.26m - 10.000	S98		Time of Concentration	0.009	100	10	110	0.009
87.38m - 3.000	S126		Time of Concentration	0.009	100	0	100	0.009
87.71m - 1.003	S25		Time of Concentration	0.009	30	0	30	0.003
89.60m - 1.009	S81		Time of Concentration	0.009	30	0	30	0.003
90.68m - 5.002	S34		Time of Concentration	0.009	100	0	100	0.009
91.03m - 1.000	S99		Time of Concentration	0.009	100	0	100	0.009
91.21m - 1.002	S23		Time of Concentration	0.009	100	0	100	0.009
91.54m - 2.000	S101		Time of Concentration	0.009	30	0	30	0.003
92.68m - 12.000	S28		Time of Concentration	0.009	100	0	100	0.009
93.58m - 1.006	S27		Time of Concentration	0.009	100	0	100	0.009
93.91m - 9.003	S18		Time of Concentration	0.009	100	0	100	0.009
94.33m - 8.001	S135		Time of Concentration	0.009	30	0	30	0.003
94.93m - 1.010	S78		Time of Concentration	0.009	100	0	100	0.009
96.17m - 1.001	S100		Time of Concentration	0.010	30	0	30	0.003
98.48m - 9.006	S63		Time of Concentration	0.010	100	0	100	0.010
98.60m - 8.001	S135		Time of Concentration	0.010	30	0	30	0.003
98.79m - 1.003	S25		Time of Concentration	0.010	100	0	100	0.010
99.35m - 13.005	S120		Time of Concentration	0.010	30	0	30	0.003
104.06m - 1.002	S23		Time of Concentration	0.010	30	0	30	0.003

104.73m - 1.010	S78		Time of Concentration	0.010	100	0	100	0.010
106.51m - 13.005	S120		Time of Concentration	0.011	30	0	30	0.003
107.30m - 13.006	S121		Time of Concentration	0.011	100	0	100	0.011
108.74m - 4.000	S125		Time of Concentration	0.011	30	0	30	0.003
110.17m - 10.000	S98		Time of Concentration	0.011	100	0	100	0.011
112.40m - 1.010	S78		Time of Concentration	0.011	100	0	100	0.011
113.17m - 4.000	S125		Time of Concentration	0.011	30	0	30	0.003
116.37m - 1.008	S53		Time of Concentration	0.012	100	0	100	0.012
118.10m - 13.000	S52		Time of Concentration	0.012	100	0	100	0.012
126.57m - 1.004	S26		Time of Concentration	0.013	100	0	100	0.013
130.00m - 13.008	S123		Time of Concentration	0.013	100	0	100	0.013
131.24m - 1.002	S23		Time of Concentration	0.013	100	0	100	0.013
136.82m - 13.000	S52		Time of Concentration	0.014	100	0	100	0.014
136.91m - 2.000	S101		Time of Concentration	0.014	100	0	100	0.014
145.40m - 1.002	S23		Time of Concentration	0.015	100	0	100	0.015
146.07m - 2.000	S101		Time of Concentration	0.015	100	0	100	0.015
147.84m - 9.005	S16		Time of Concentration	0.015	100	0	100	0.015
148.26m - 3.001	S20		Time of Concentration	0.015	100	0	100	0.015
149.78m - 13.000	S52		Time of Concentration	0.015	100	0	100	0.015
151.05m - 1.003	S25		Time of Concentration	0.015	100	0	100	0.015
153.13m - 5.001	S33		Time of Concentration	0.015	100	0	100	0.015
155.69m - 1.008	S53		Time of Concentration	0.016	100	0	100	0.016
156.46m - 1.004	S26		Time of Concentration	0.016	100	0	100	0.016
160.62m - 13.002	S50		Time of Concentration	0.016	100	0	100	0.016
161.08m - 13.001	S51		Time of Concentration	0.016	100	0	100	0.016
161.79m - 1.004	S26		Time of Concentration	0.016	100	0	100	0.016
163.61m - 9.005	S16		Time of Concentration	0.016	100	0	100	0.016
165.01m - 3.001	S20		Time of Concentration	0.017	100	0	100	0.017
168.12m - 1.004	S26		Time of Concentration	0.017	30	0	30	0.005
168.19m - 1.004	S26		Time of Concentration	0.017	100	0	100	0.017
177.76m - 11.000	S95		Time of Concentration	0.018	100	0	100	0.018
178.44m - 1.004	S26		Time of Concentration	0.018	100	0	100	0.018
183.25m - 1.009	S81		Time of Concentration	0.018	100	0	100	0.018
190.97m - 11.000	S95		Time of Concentration	0.019	100	0	100	0.019
194.70m - 11.001	S96		Time of Concentration	0.019	100	0	100	0.019

194.94m - 3.001	S20		Time of Concentration	0.019	100	0	100	0.019
208.92m - 12.000	S28		Time of Concentration	0.021	100	0	100	0.021
213.19m - 3.001	S20		Time of Concentration	0.021	100	0	100	0.021
223.87m - 1.002	S23		Time of Concentration	0.022	30	0	30	0.007
227.43m - 1.008	S53		Time of Concentration	0.023	100	0	100	0.023
227.53m - 1.006	S27		Time of Concentration	0.023	100	0	100	0.023
233.24m - 1.006	S27		Time of Concentration	0.023	100	0	100	0.023
241.62m - 9.003	S18		Time of Concentration	0.024	100	0	100	0.024
242.87m - 1.010	S78		Time of Concentration	0.024	100	0	100	0.024
249.36m - 3.003	S22		Time of Concentration	0.025	100	0	100	0.025
251.63m - 10.000	S98		Time of Concentration	0.025	100	0	100	0.025
257.41m - 5.002	S34		Time of Concentration	0.026	100	0	100	0.026
258.49m - 13.009	S29		Time of Concentration	0.026	100	0	100	0.026
262.03m - 9.002	S102		Time of Concentration	0.026	100	0	100	0.026
269.14m - 1.007	S54		Time of Concentration	0.027	100	0	100	0.027
271.70m - 5.002	S34		Time of Concentration	0.027	30	0	30	0.008
275.88m - 12.000	S28		Time of Concentration	0.028	100	0	100	0.028
279.79m - 1.009	S81		Time of Concentration	0.028	100	0	100	0.028
285.53m - 1.007	S54		Time of Concentration	0.029	100	0	100	0.029
293.16m - 1.006	S27		Time of Concentration	0.029	100	0	100	0.029
303.25m - 1.002	S23		Time of Concentration	0.030	100	0	100	0.030
308.41m - 1.005	S94		Time of Concentration	0.031	100	0	100	0.031
319.80m - 1.008	S53		Time of Concentration	0.032	100	0	100	0.032
328.03m - 1.003	S25		Time of Concentration	0.033	100	0	100	0.033
332.50m - 1.000	S99		Time of Concentration	0.033	100	0	100	0.033
340.56m - 5.003	S35		Time of Concentration	0.034	100	0	100	0.034
340.56m - 13.006	S121		Time of Concentration	0.034	100	0	100	0.034
344.36m - 13.005	S120		Time of Concentration	0.034	100	0	100	0.034
351.60m - 13.001	S51		Time of Concentration	0.035	100	0	100	0.035
359.02m - 8.000	S134		Time of Concentration	0.036	100	0	100	0.036
381.83m - 1.004	S26		Time of Concentration	0.038	100	0	100	0.038
389.87m - 1.003	S25		Time of Concentration	0.039	100	0	100	0.039
429.18m - 1.001	S100		Time of Concentration	0.043	100	0	100	0.043
475.11m - 5.002	S34		Time of Concentration	0.048	100	0	100	0.048
531.07m - 9.005	S16		Time of Concentration	0.053	100	0	100	0.053

555.04m - 13.008	S123		Time of Concentration	0.056	100	0	100	0.056
556.03m - 1.003	S25		Time of Concentration	0.056	100	0	100	0.056
565.72m - 8.000	S134		Time of Concentration	0.057	100	0	100	0.057
578.42m - 5.001	S33		Time of Concentration	0.058	100	0	100	0.058
2950.75m - 1.011	S80		Time of Concentration	0.285	100	0	100	0.285
3087.34m - 9.000	S148		Time of Concentration	0.309	100	0	100	0.309
TOTAL		**0.0**		**4.174**				**4.083**

Catchment 3: Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Title: Rainfall Analysis Criteria	Company Address:		

Runoff Type	Dynamic
Output Interval (mins)	5
Time Step	Default
Urban Creep	Use Catchment Values
Junction Flood Risk Margin (mm)	0
Perform No Discharge Analysis	☐

Rainfall

FEH

Type: FEH

Site Location	GB 391912 164461 ST 91912 64461
Rainfall Version	2022
Summer	☑
Winter	☑

Return Period

Return Period (years)	Increase Rainfall (%)
2.0	0.000
30.0	40.000
100.0	45.000

Storm Durations

Duration (mins)	Run Time (mins)
15	30
30	60
60	120
120	240
180	360
240	480
360	720
480	960
600	1200
720	1440
960	1920
1440	2880
2160	4320
2880	5760

Catchment 3: Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Surface Network 3	Company Address:		

FEH: 2 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Resident Volume

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. Avg. Level (m)	Max. Avg. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)	Status
S80	FEH: 2 years: +0 %: 960 mins: Summer	41.254	41.254	41.254	0.494	89.4	922.995	0.000	16.3	1125.517		73.023	OK
S148	FEH: 2 years: +0 %: 720 mins: Summer	42.264	42.264	42.264	0.154	9.2	67.415	0.000	1.4	83.205		80.716	OK

Catchment 3: Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Surface Network 3	Company Address:		

FEH: 30 years: Increase Rainfall (%): +40: Critical Storm Per Item: Rank By: Max. Resident Volume

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. Avg. Level (m)	Max. Avg. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)	Status
S80	FEH: 30 years: +40 %: 960 mins: Winter	41.935	41.935	41.935	1.175	142.1	2461.798	0.000	27.8	2146.567	715	28.047	OK
S148	FEH: 30 years: +40 %: 960 mins: Winter	42.629	42.629	42.629	0.519	12.7	226.757	0.000	1.6	143.664	650	35.138	OK

Catchment 3: Land at New Farm Melksham	Date: 14/11/2025		
	Designed by: MW	Checked by:	Approved By:
Report Details: Type: Stormwater Controls Summary Storm Phase: Surface Network 3	Company Address:		

FEH: 100 years: Increase Rainfall (%): +45: Critical Storm Per Item: Rank By: Max. Resident Volume

Stormwater Control	Storm Event	Max. US Level (m)	Max. DS Level (m)	Max. Avg. Level (m)	Max. Avg. Depth (m)	Max. Inflow (L/s)	Max. Resident Volume (m³)	Max. Flooded Volume (m³)	Max. Outflow (L/s)	Total Discharge Volume (m³)	Half Drain Down Time (mins)	Percentage Available (%)	Status
S80	FEH: 100 years: +45 %: 960 mins: Winter	42.301	42.301	42.301	1.541	191.6	3424.824	0.000	31.7	2707.176		-0.100	Flood Risk
S148	FEH: 100 years: +45 %: 1440 mins: Winter	42.895	42.895	42.895	0.785	12.8	342.979	0.000	2.1	210.101		1.894	OK

Appendix H



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   - 4.2. Bloor Homes Site Layout drawing reference SW164-PD-1001 Rev P.
   - 4.3. Tree Protection Plan as per Bloor Homes Site Layout drawing reference SW164-PD-0001 Rev P.
5. This drawing should only be used for construction if the project phase in the title frame below is shown as "construction". Paul Basham Associates take no responsibility for construction works undertaken to drawings which are not marked under this phase.

LEGEND

- BOUNDARY FOR THE LAND RETAINED BY THE APPLICANT
- SITE BOUNDARY
- ADOPTABLE FOUL, 100Ø @ 1/80 U.N.O
- ADOPTABLE SURFACE, 150Ø @ 1/150 U.N.O
- ADOPTABLE SURFACE WITH LOW FLOW CHANNELS
- ADOPTABLE SW CHAMBER
- FLOW CONTROL CHAMBER
- ADOPTABLE FW CHAMBER
- FW RISING MAIN
- PROPOSED SWALE *(WITH GEOSYNTHETICS PRE-SEEDED ECC-2)* 1.4m MAX DEPTH, 0.5m BASE WIDTH 1:3 SIDE SLOPES
- HEADWALL
- FOUL WATER STORAGE TANKS AS PER SSG DCG D5.5

PRELIMINARY

DRAWING/DESIGN IS STILL 'IN DEVELOPMENT'
YOU ARE ADVISED TO MAKE DUE ALLOWANCE

Rev	Description	Date	By	Appd
P01	FIRST ISSUE	18.11.2025	RUM	COH

paul basham associates
Paul Basham Associates Ltd
The Bothy, Cams Hall Estate, Fareham, PO16 8UT
01329 711 000
info@paulbashamassociates.com www.paulbashamassociates.com

Client: BLOOR HOMES

Project Name: LAND AT NEW FARM MELKSHAM, WILTSHIRE

Title: DRAINAGE LAYOUT SHEET 1 OF 3

Project Phase: PRELIMINARY

Date Created	Drawn By	Approved By	Suitability Code
11.11.2025	RUM	COH	-

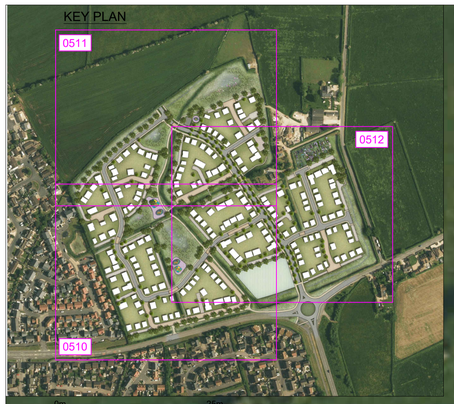
PBA Project Number	Scale
027.5014	1:500 (AT A1)

PBA Drawing No: 027.5014-0510

Revision: P01

QMS2010/v8/310723/JM

KEY PLAN



1:500 0m 25m

NORTH

INSET 2



REFER TO INSET 2

COMPLEX FLOW CONTROL
DISCHARGE RATE 50%AEP: 16.2l/s
DISCHARGE RATE 33.3AEP (+40%CC): 26.1l/s
DISCHARGE RATE 1%AEP (+45%CC): 31.6l/s

BASIN 3
WATER VOLUME: 3424.797m³
FREEBOARD: 0.299m
TOP LEVEL: 42.600m
BASE LEVEL: 40.760m
1:3 SIDE SLOPES
TWL: 3.3%AEP + 40%cc: 41.935m
TWL 1%AEP + 45%cc: 42.301m

SEDIMENT FOREBAY

PROPOSED CLEAR SPAN PORTAL BRIDGE WITH 4.0m SPAN REFER TO BLOOR DRAWING SW164-EN-501-A

PUMP STATION LAYOUT INDICATIVE ONLY SUBJECT TO PUMP SPECIALIST DESIGN.

36,400 LITRE 2.6m diameter x 7.4m SPEL TANKSTOR SERIES 400 OR SIMILAR APPROVED.

BASIN 2a
WATER VOLUME: 704.395m³
FREEBOARD: 0.461m
TOP LEVEL: 43.135m
BASE LEVEL: 41.535m
1:3 SIDE SLOPES
TWL: 3.3%AEP + 40%cc: 42.371m
TWL 1%AEP + 45%cc: 42.674m

PIPE TO BE FITTED WITH ALTHON WASTOP SS300mm NON-RETURN VALVE

SEDIMENT FOREBAY

COMPLEX FLOW CONTROL
DISCHARGE RATE 50%AEP: 2.6l/s
DISCHARGE RATE 33.3AEP (+40%CC): 4.5l/s
DISCHARGE RATE 1%AEP (+45%CC): 5.5l/s

PIPE TO BE FITTED WITH ALTHON WASTOP SS300mm NON-RETURN VALVE

CIRCULAR CULVERT NO.2
2 X Ø375 WITH SAFETY GRILL INSTALLED AT OPENINGS
SLOPE: 1:200
INLET: 43.45
OUTLET: 43.36

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LEGEND

- BOUNDARY FOR THE LAND RETAINED BY THE APPLICANT
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- ADOPTABLE FOUL, 100Ø @ 1/80 U.N.O
- ADOPTABLE SURFACE, 150Ø @ 1/150 U.N.O
- ADOPTABLE SURFACE WITH LOW FLOW CHANNELS
- ADOPTABLE SW CHAMBER
- FLOW CONTROL CHAMBER
- ADOPTABLE FW CHAMBER
- FW RISING MAIN
- PROPOSED SWALE *(WITH GEOSYNTHETICS PRE-SEEDED ECC-2)* 1.4m MAX DEPTH, 0.5m BASE WIDTH 1:3 SIDE SLOPES
- HEADWALL
- FOUL WATER STORAGE TANKS AS PER SSG DCG D5.5

PRELIMINARY

DRAWING/DESIGN IS STILL 'IN DEVELOPMENT'
YOU ARE ADVISED TO MAKE DUE ALLOWANCE

Rev	Description	Date	By	Appd
P01	FIRST ISSUE	18.11.2025	RUM	COH

paulbasham associates
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The Bothy, Cams Hall Estate, Fareham, PO16 8UT
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Client: BLOOR HOMES

Project Name: LAND AT NEW FARM MELKSHAM, WILTSHIRE

Title: DRAINAGE LAYOUT SHEET 2 OF 3

Project Phase: PRELIMINARY

Date Created	Drawn By	Approved By	Suitability Code
11.11.2025	RUM	COH	-

PBA Project Number	Scale
027.5014	1:500 (AT A1)

PBA Drawing No:	Revision
027.5014-0511	P01

QMS2010/v8/310723/JM

PIPE TO BE FITTED WITH ALTHON WASTOP SS300mm
NON-RETURN VALVE

X FLOW CONTROL
GE RATE 50%AEP: 2.6l/s
GE RATE 33.3AEP (+40%CC): 4.5l/s
GE RATE 1%AEP (+45%CC): 5.5l/s

CIRCULAR CULVERT NO.2
2 X Ø375 WITH SAFETY GRILL INSTALLED AT OPENINGS
SLOPE: 1:200
INLET: 43.45
OUTLET: 43.36

H ALTHON WASTOP SS300mm

E TO BE FITTED WITH ALTHON WASTOP SS300mm
N-RETURN VALVE

COMPLEX FLOW CONTROL
DISCHARGE RATE 50%AEP: 6.7l/s
DISCHARGE RATE 33.3AEP (+40%CC): 10.4l/s
DISCHARGE RATE 1%AEP (+45%CC): 12.8l/s

ENT
BAY

BASIN 1
WATER VOLUME: 1513.771m³
FREEBOARD: 0.303m
TOP LEVEL: 43.500m
BASE LEVEL: 41.900m
1:3 SIDE SLOPES
TWL: 3.3%AEP + 40%cc: 42.858m
TWL 1%AEP + 45%cc: 43.197m

PROPOSED CLEAR SPAN PORTAL BRIDGE WITH 4.0m SPAN
REFER TO BLOOR DRAWING SW164-EN-501-A

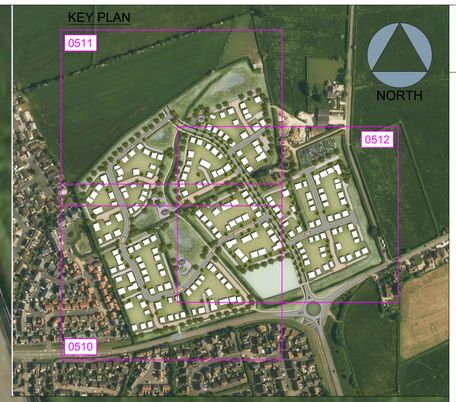
DISCHARGE RATE FROM NURSERY SITE TO BE LIMITED TO 2l/s. ATTENUATION AND ASSOCIATED FLOW CONTROL DEVICE TO BE PROVIDED WITHIN THE CURTILAGE OF THE NURSERY PLOT.

CONNECTION TO BE CAPPED AND MARKED

EXTENT OF WORKS
INCLUSIVE OF SWALE AND OUTFALL

CIRCULAR CULVERT NO.3
2 X Ø375 WITH SAFETY GRILL INSTALLED AT OPENINGS

KEY PLAN



1:500 0m 25m

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   - 4.3. Tree Protection Plan as per Bloor Homes Site Layout drawing reference SW164-PD-0001 Rev P.
5. This drawing should only be used for construction if the project phase in the title frame below is shown as "construction". Paul Basham Associates take no responsibility for construction works undertaken to drawings which are not marked under this phase.

LEGEND

- BOUNDARY FOR THE LAND RETAINED BY THE APPLICANT
- SITE BOUNDARY
- ADOPTABLE FOUL, 100Ø @ 1/80 U.N.O
- ADOPTABLE SURFACE, 150Ø @ 1/150 U.N.O
- ADOPTABLE SURFACE WITH LOW FLOW CHANNELS
- ADOPTABLE SW CHAMBER
- FLOW CONTROL CHAMBER
- ADOPTABLE FW CHAMBER
- FW RISING MAIN
- PROPOSED SWALE *(WITH GEOSYNTHETICS PRE-SEEDED ECC-2)* 1.4m MAX DEPTH, 0.5m BASE WIDTH 1:3 SIDE SLOPES
- HEADWALL
- FOUL WATER STORAGE TANKS AS PER SSG DCG D5.5

PRELIMINARY
DRAWING/DESIGN IS STILL 'IN DEVELOPMENT'
YOU ARE ADVISED TO MAKE DUE ALLOWANCE

Rev	Description	Date	By	Appd
P01	FIRST ISSUE	18.11.2025	RUM	COH

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Client: BLOOR HOMES

Project Name
LAND AT NEW FARM
MELKSHAM, WILTSHIRE

Title
DRAINAGE LAYOUT
SHEET 3 OF 3

Project Phase
PRELIMINARY

Date Created	Drawn By	Approved By	Suitability Code
11.11.2025	RU	COH	-

PBA Project Number	Scale	
027.5014	1:500	(AT A1)

PBA Drawing No:	Revision
027.5014-0512	P01

Appendix I



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LEGEND

- BOUNDARY FOR THE LAND RETAINED BY THE APPLICANT
- RED LINE BOUNDARY
- CATCHMENT AREA 1 TOTAL AREA 2.19ha 70% ASSUMED IMPERMEABLE AREA INCLUDING ATTENUATION BASIN
- CATCHMENT AREA 2a TOTAL AREA 0.97ha 70% ASSUMED IMPERMEABLE AREA INCLUDING ATTENUATION BASIN
- CATCHMENT AREA 2b TOTAL AREA 0.55ha 70% ASSUMED IMPERMEABLE AREA INCLUDING ATTENUATION BASIN
- CATCHMENT AREA 3 TOTAL AREA 5.64ha 70% ASSUMED IMPERMEABLE AREA INCLUDING ATTENUATION BASIN
- 44.000 CONTOURS (100mm INTERVALS)

PRELIMINARY

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Client: BLOOR HOMES

Project Name: LAND AT NEW FARM MELKSHAM, WILTSHIRE

Title: DRAINABLE AREAS SHEET 3 OF 3

Project Phase: PRELIMINARY

Date Created	Drawn By	Approved By	Suitability Code
11.11.2025	RUM	COH	-

PBA Project Number	Scale	
027.5014	1:500	(AT A1)

PBA Drawing No:	Revison
027.5014-0563	P01

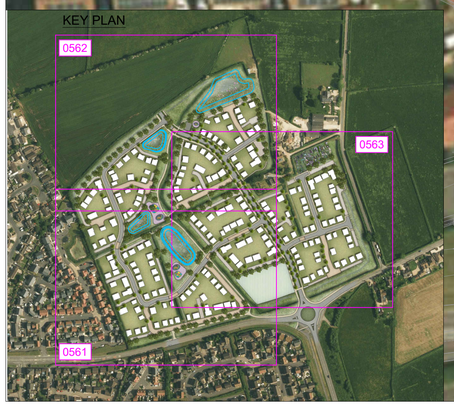
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NORTH

1:500 0m 25m

KEY PLAN



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PRELIMINARY

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Client: BLOOR HOMES

Project Name: LAND AT NEW FARM MELKSHAM, WILTSHIRE

Title: DRAINABLE AREAS SHEET 1 OF 3

Project Phase: PRELIMINARY

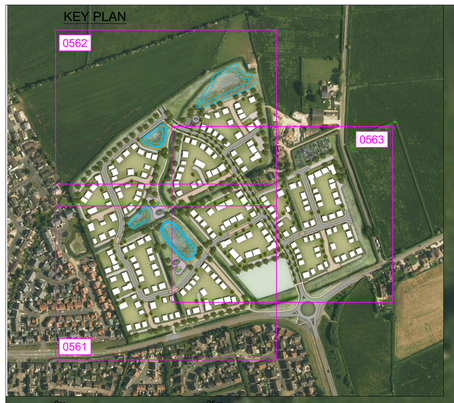
Date Created	Drawn By	Approved By	Suitability Code
11.11.2025	RUM	COH	-

PBA Project Number	Scale	
027.5014	1:500	(AT A1)

PBA Drawing No:	Revison
027.5014-0561	P01

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KEY PLAN



1:500 0m 25m

NORTH

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Client: BLOOR HOMES

Project Name: LAND AT NEW FARM MELKSHAM, WILTSHIRE

Title: DRAINABLE AREAS SHEET 2 OF 3

Project Phase: PRELIMINARY

Date Created	Drawn By	Approved By	Suitability Code
11.11.2025	RUM	COH	-

PBA Project Number	Scale	
027.5014	1:500	(AT A1)

PBA Drawing No:	Revision
027.5014-0562	P01

QMS2010/v8/310723/JM

Appendix J

SUMMARY TABLE		DESIGN CONDITIONS			
		1	2	3	4
Land Use Type	Low traffic roads (e.g. residential roads and general access roads, < 300 traffic movements/day)				
Pollution Hazard Level	Low				
Pollution Hazard Indices					
TSS	0.5				
Metals	0.4				
Hydrocarbons	0.4				
SuDS components proposed					
Component 1	Detention basin	SuDS components can only be assumed to deliver these indices if they follow design guidance with respect to hydraulics and treatment set out in the relevant technical component chapters of the SuDS Manual. See also checklists in Appendix B			
Component 2	None				
Component 3	None				
SuDS Pollution Mitigation Indices					
TSS	0.5				
Metals	0.5				
Hydrocarbons	0.6				
Groundwater protection type	None				
Groundwater protection Pollution Mitigation Indices					
TSS	0				
Metals	0				
Hydrocarbons	0				
Combined Pollution Mitigation Indices					
TSS	0.5	Reference to local planning documents should also be made to identify any additional protection required for sites due to habitat conservation (see Chapter 7 The SuDS design process). The implications of developments on or within close proximity to an area with an environmental designation, such as a Site of Special Scientific Interest (SSSI), should be considered via consultation with relevant conservation bodies such as Natural England			
Metals	0.5				
Hydrocarbons	0.6				
Acceptability of Pollution Mitigation					
TSS	Sufficient				
Metals	Sufficient				
Hydrocarbons	Sufficient				