

PROJECT: 10 Lawn Terrace

West Drayton

UB7 7AQ

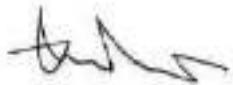
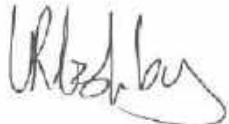
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REVISION RECORD

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Jack Martin**BEng****David Phillips****IEng, AMIStructE****Lucy Ashby****MEng, CEng, MIStructE**

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1. EXECUTIVE SUMMARY

This Basement Impact Assessment has been prepared on behalf of the Client Nimesh Ghedia of 10 Lawn Avenue, West Drayton, UB7 7AQ as part of a planning application for New Dwelling within the garden of 10 Lawn Avenue, West Drayton, UB7 7AQ as requested by Hillingdon Council.

- Project Information - The site is a corner plot located on junction of Lawn Avenue and Sunray Avenue. The site has an existing two storey detached residential dwelling and a single storey detached garage. The existing detached two storey residential building is to remain unaltered. The existing single storey timber frame garage is to be demolished and a new two storey dwelling is to be constructed. The proposal is for a new dwelling on two levels with a semi-basement to lower ground floor and an upper ground floor.
- Desk Study – The site is on flat terrain sited between two rivers. Thames Water Property Searched showed that the proposed development would not have an impact on existing infrastructure. The proposed structure is considered not to have any effect on historical buildings.
- Site Investigation – A site investigation has not yet been undertaken. The anticipated ground conditions from the British Geology Survey online mapping are Alluvium superficial deposits of clay, silt, sand and gravel over a bedrock of London Clay.
- Flood risk and drainage – The plot is located within flood zone 1. The risk of flooding due to river and tidal effects is very low risk (Very low risk means that this area has a chance of flooding of less than 0.1% each year) and risk of flooding from surface water is low risk (Low risk means the area has a chance of flooding between 0.1% to 1% each year).
- Ground Water – Ground water monitoring has not yet been undertaken. The lower ground floor formation level is estimated to be approximately 1.7m below existing ground level. Historical borehole records from the British Geology Survey Geoindex indicated that ground water is around 2.5m.
- Construction sequence - An appropriate construction sequence has been included in this document, along with relevant drawings.
- Arboricultural Impact Assessment – An arboricultural assessment was undertaken by Tim Pursey. It is concluded that the proposed new dwelling will not negatively impact the existing trees.
- Ground movement – No historic or ongoing ground movement has been noted. The reinforced concrete walls will be designed within recommended deflection limit. The new

basement is a sufficiently far enough away from existing structures to have no impact on them.

Based on the general overview, the proposed development is considered to have minimal impact on the stability of adjacent structures, and on the surrounding surface and subterranean water regimes.

2. INTRODUCTION

This report presents the proposals put forward by structureHaus for the construction of a semi-basement for a new dwelling at 10 Lawn Avenue, West Drayton, UB7 7AQ. This document forms the Basement Impact Assessment as required by Hillingdon Council at planning stage.

3. PROJECT INFORMATION

3.1. SITE LOCATION, EXISTING BUILDING AND BOUNDARIES

The site is located at 10 Lawn Avenue, West Drayton, UB7 7AQ within the Borough of Hillingdon.

The site occupies a corner plot located on the junction of Lawn Avenue and Sunray Avenue. The site has an existing two storey detached residential dwelling and a single storey detached garage. Private pedestrian access is to the front from Sunray Avenue. The ground floor access is level with the pavement. Vehicle access is via Sunray Avenue where there is off street parking located in front of the garage. Number 2 Sunray Avenue is offset approximately 19.65m from the boundary to the west. Number 8 Lawn Avenue is offset approximately 0.55m from the boundary to the north. To the south is Sunray Avenue and to the East is Lawn Avenue. Hard standing paving or concrete slab is present externally in front of the garage, as a path around the house and a path from the house to Sunray Avenue, the remaining area is laid to grass with some trees/vegetation contained within beds. There are a number of large trees to the boundaries on all sides.

The existing structure is a two-storey detached structure with a single storey rear extension. The building is constructed from load bearing masonry walls supporting internal timber floors and timber roof.

3.2. OUTLINE DEVELOPMENT WORKS

The proposed development involves the demolition of the single storey detached timber frame garage and a new two storey dwelling is to be constructed. The proposal is for a new dwelling on two levels with a semi-basement to lower ground floor and an upper ground floor. Refer to Appendix C for drawings and Appendix D for calculations.

This Basement Impact Assessment is based upon the existing and proposed drawings provided by Stones Architects as follows:

Existing Drawings – 2021.002. S01-S06

Proposed Drawings – 2023.030 B01 to 10 and B102

The proposed basement excavation extends under the footprint of the new dwelling. Approximately 8600mm long by 5300mm wide. Formation of the new semi-basement is approximately 1700mm below existing ground level.

An integral reinforced concrete basement raft slab and a reinforced concrete retaining walls provide lateral and vertical stability to the basement walls.

New load bearing masonry walls to be built up off the reinforced concrete basement slab and walls to support the new timber first floor and roof. Two new cranked steel beams at roof provide support to the new roof timbers and form the vaulted ceiling.

4. DESK STUDY

4.1. ADJACENT BUILDING STRUCTURE AND FOUNDATIONS

The neighbouring property at number 2 Sunray Avenue is offset approximately 19.65m from the boundary to the west is a two-storey detached residential dwelling.

Number 8 Lawn Avenue is offset approximately 0.55m from the boundary to the north is a two-storey residential dwelling.

Number 10 Lawn Avenue is a two-storey residential dwelling within the site boundary approximately 2m from the proposed semi-basement. The existing foundations are expected to be founded at approximately 0.5m from existing ground level.

4.2. TOPOGRAPHY

The site is situated in a level area, Review of Ordnance Survey Maps indicates that is approximately 25.7m AOD.

4.3. FLOODING

4.3.1. SURFACE WATER

The plot is located within flood zone 1 and risk of flooding from surface water is low risk (Low risk means the area has a chance of flooding between 0.1% to 1% each year).

4.3.2. HYDROLOGY

The site sits between the Frays River to the east and the River Colne to the west, these rivers join together south of the site – there is very low risk to any flooding from river or tidal effects.

4.3.3. FLOOD RISK

The plot is located within flood zone 1. The risk of flooding due to river and tidal effects is very low risk (Very low risk means that this area has a chance of flooding of less than 0.1% each year) .

4.3.4. EXISTING ASSET SEARCH

A Thames Water property search was obtained to establish the location of any existing sewer systems which may cross the site. It was established the none did, as such the

proposed development is acceptable as it will not have a negative effect. A search for other utilities will be undertaken prior to construction.

4.4. ASSESSMENT OF HISTORIC AND ONGOING GROUND MOVEMENT

No historic or ongoing ground movement has been noted.

5. SITE INVESTIGATION

A site investigation has not yet been undertaken.

5.1. GEOLOGY

The anticipated ground conditions from the British Geology Survey online mapping are alluvium superficial deposits of clay, silt, sand and gravel over a bedrock of London clay

5.2. CONTAMINATION

Contamination testing has not yet been undertaken.

5.3. GROUND WATER

Ground water monitoring has not yet been undertaken.

6. GROUND AND SURFACE WATER

6.1. BASEMENT IMPACT ON GROUND WATER

There are no other basements within the vicinity of 10 Lawn Avenue. The existing ground water levels have not yet been monitored but the proposed semi-basement at formation of 1.7m below existing ground levels will not significantly alter the existing ground water regime. The effect on ground water is considered negligible.

6.2. SURFACE WATER AND SUDS PROPOSALS

The proposed semi-basement is under the entire footprint of the proposed new dwelling, surface water will be directed towards a new soakaway if the ground conditions are suitable, and space is available or attenuated on site and discharged at an agreeable rate into the surface water system.

7. EXISTING AND PROPOSED BELOW GROUND DRAINAGE

New drainage will be re-connected at the existing sewer connection point on site. An existing manhole is located to between the existing and proposed property to the front. However, if this is impractical then an application for a new direct connection will need to be submitted to Thames Water. The main existing combined drains are located within the highways of Sunray Avenue and Lawn Avenue.

The proposed development will have a shower room in the basement therefore the drainage requirements will require pumping via a submersible packaged pump connection to a rising main into the gravity drainage system manhole within the site of 10 Lawn Avenue. A non-return valve will be fitted to avoid any sewer surcharge/flooding.

A drained cavity would also need a similar system to pump any ground water up and out of the basement.

An application will be made to Developer Services at Thames Water for any prior approvals for discharge of ground water from the delta drain within the new basement and surface water at ground level.

8. EXISTING UNDERGROUND STRUCTURES, SERVICES AND UTILITIES

The site is at least 200m from railway lines. There is no data that suggests any historical railways or tunnels are within close proximity to the site.

Existing utilities will be disconnected before any works are to commence on site. The site will be surveyed for cables/pipes and service locations prior to demolition for the lower ground level.

9. ARBORICULTURAL ASSESSMENT

Refer to Appendix E for the Arboricultural Report carried out by Tim Pursey.

The proposed development will require the removal of one tree and another to be cut back.

The proposed development generally carries a low risk of harm to the retained trees subject to compliance with the details of the tree protection plan.

10. CONSTRUCTION METHOD SEQUENCE

This construction method statement sets the principles for the construction of the new semi-basement under the existing footprint of the new proposed dwelling within the boundary of number 10 Lawn Avenue with reference to Stones Architects drawings and structureHaus drawings..

1. Ensure all services are located and switched off as required prior to commencing any building works. Existing drainage to be diverted if required.
2. Erect temporary hoarding to site perimeter and set up construction exclusion zones around all retained trees as outlined in the tree protection plans.
3. Demolish existing garage and remove any foundations.
4. Install temporary works if required to the boundary with number 2 Sunray Avenue and adjacent to 10 Lawn Avenue if required. (once the site investigation is completed it will determine the angle that the ground can be safely graded back) The temporary works may be in the form of sheet piling to support the excavation close to existing structures and boundaries. To the rear and front there is sufficient space for the ground to be graded back.
5. Excavate for the new semi-basement down to 1.7m below existing ground levels.
6. Install reinforcement for new semi-basement slab and cast concrete.
7. Install reinforcement for new semi-basement walls and cast new concrete retaining walls.
8. Install land drain to perimeter of semi-basement walls in clean stone.
9. Wait minimum of 7 days.
10. Backfill walls around basement with well compacted hardcore.
11. Complete superstructure.

A drained cavity system should be installed as a second measure waterproofing system. The reinforced concrete will be designed to limit the crack width to 0.2mm and hydrophilic strips are to be provided to all the joints.

11. RETAINING WALLS AND GROUND MOVEMENT

11.1. RETAINING WALLS

The walls of the basement will be composed of reinforced concrete walls. These walls will be joined together with a reinforced concrete raft slab at basement. The walls will be treated as cantilevers and will be stiff enough to resist the effects of lateral and vertical loads.

11.2. GROUND MOVEMENT

The reinforced concrete walls will be designed within recommended deflection limit. The new basement is a sufficiently far enough away from existing structure to have no impact on them.

12. CONCLUSION

This Basement Impact Assessment has been undertaken to demonstrate that the construction of a semi-basement under the footprint of the proposed new dwelling at 10 Lawn Avenue is considered to be straight forward and does not present any unusual challenges to a competent contractor. Using current good practice in executing the works, it is considered that the proposed development can be realised while maintaining adequate vertical and horizontal support to the ground and to the surrounding structures. Furthermore, it has been shown that the basement construction has no significant adverse effect on the surface and subterranean water regimes.

Detailed specifications will be prepared, and method statements procured to ensure that good practice is followed. Adequate supervision and monitoring regime will be provided throughout the works to ensure this is the case.

PROJECT: 10 Lawn Terrace

West Drayton

UB7 7AQ

REF: 06488L

APPENDIX A

Environmental

Envirocheck® Report: Datasheet

Order Details:

Order Number:
350211139_1_1

Customer Reference:
06488L

National Grid Reference:
505570, 179890

Slice:
A

Site Area (Ha):
0.06

Search Buffer (m):
1000

Site Details:

10, Lawn Avenue
WEST DRAYTON
UB7 7AQ

Client Details:

Mr L Ashby
StructureHaus
Bradninch Court, Castle Street
Exeter
EX4 3PL

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	49
Hazardous Substances	62
Geological	63
Industrial Land Use	72
Sensitive Land Use	113
Data Currency	114
Data Suppliers	122
Useful Contacts	123

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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Report Version v53.0

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	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1			16	32
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 13				5
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 14			3	12
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 16		Yes		
Pollution Incidents to Controlled Waters	pg 16		3	5	48
Prosecutions Relating to Authorised Processes	pg 25			1	
Registered Radioactive Substances	pg 25				1
River Quality	pg 26		3		4
River Quality Biology Sampling Points	pg 27				1
River Quality Chemistry Sampling Points	pg 28				1
Substantiated Pollution Incident Register	pg 28			1	4
Water Abstractions	pg 29				2 (*11)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 32	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information		1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 32	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 32	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 32		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 32		Yes	n/a	n/a
Areas Benefiting from Flood Defences	pg 33		Yes	n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 33		23	27	82

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 49			1	3
Historical Landfill Sites	pg 49		2	2	12
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 53			3	4
Local Authority Landfill Coverage		1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 54			1	5
Potentially Infilled Land (Non-Water)	pg 55			1	5
Potentially Infilled Land (Water)	pg 56		2	4	7
Registered Landfill Sites	pg 57			3	3
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 61				2
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 62				1
Planning Hazardous Substance Consents	pg 62				3
Planning Hazardous Substance Enforcements					

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 63	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 63	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 65			3	9
BGS Urban Soil Chemistry	pg 67			Yes	Yes
BGS Urban Soil Chemistry Averages	pg 69	Yes			
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 70		Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 70	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 70	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 70	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 70	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 72		2	59	191
Fuel Station Entries	pg 94				5
Points of Interest - Commercial Services	pg 94			18	68
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 101			15	70
Points of Interest - Public Infrastructure	pg 108		2	3	32
Points of Interest - Recreational and Environmental	pg 111			1	6
Gas Pipelines					
Underground Electrical Cables	pg 112				6

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	pg 113		2	1	2
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	pg 113	1			
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 to Occur at Surface	A13NW (SW)	0	1	505571 179892
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (N)	91	1	505571 180000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	191	1	505571 180100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (NE)	316	1	505700 180200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	365	1	505200 179850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	460	1	505100 179900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (W)	461	1	505100 179892
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Fairway Avenue, West Draytonfairway Avenuewest Drayton Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.0945 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 19th August 2014 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Colne Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A13NW (W)	277	2	505300 180000
1	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Fairway Avenue, West Draytonfairway Avenuewest Drayton Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.0945 Permit Version: 1 Effective Date: 2nd November 1989 Issued Date: 2nd November 1989 Revocation Date: 2nd September 2010 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Colne Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m	A13NW (W)	277	2	505300 180000
2	Discharge Consents Operator: Valentine Varnish & Lacquer Co. Ltd. Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Colham Mill Road, West Drayton,Middlesex, Ub7 7as Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0163 Permit Version: 1 Effective Date: 3rd September 1985 Issued Date: 3rd September 1985 Revocation Date: 30th January 1990 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Frays Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	293	2	505800 180100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Durkan Brothers Ltd Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Frays Nursery, Money Lane, Westdrayton, London Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0770 Permit Version: 1 Effective Date: 3rd April 1986 Issued Date: 3rd April 1986 Revocation Date: 27th June 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Fray'S River Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A13SE (S)	306	2	505660 179580
4	Discharge Consents Operator: Db Cargo (Uk) Limited Property Type: MINING OF COAL + LIGNITE Location: West Drayton Coal Depot., Tavistock Road., West Drayton, Middlesex Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.1002 Permit Version: 1 Effective Date: 3rd August 1993 Issued Date: 3rd August 1993 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: River Frays Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	311	2	505700 180195
4	Discharge Consents Operator: English Welsh & Scottish Railway Ltd. Property Type: MINING OF COAL + LIGNITE Location: West Drayton Coal Depot., Tavistock Road., West Drayton, Middlesex Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.0926 Permit Version: 1 Effective Date: 30th June 1993 Issued Date: 30th June 1993 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Frays Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	316	2	505700 180200
4	Discharge Consents Operator: P D Fuels Ltd, P D House, Broad Street, Portsmouth Property Type: MINING OF COAL + LIGNITE Location: West Drayton Coal Depot., Tavistock Road., West Drayton, Middlesex Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrc.1487 Permit Version: 1 Effective Date: 16th June 1976 Issued Date: 16th June 1976 Revocation Date: 2nd August 1993 Discharge Type: Unknown Discharge: Freshwater Stream/River Environment: Receiving Water: Frays Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	316	2	505700 180200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Mears Bros. (Contractores) Ltd., Sydenham Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Stw, Coal Depot, West Drayton, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcr.0641 Permit Version: 1 Effective Date: 24th October 1963 Issued Date: 24th October 1963 Revocation Date: 29th June 1993 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Frays Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location</p>	A13NE (NE)	316	2	505700 180200
5	<p>Discharge Consents</p> <p>Operator: Drinkwater Sabey Ltd Property Type: WASTE COLLECTION/TREATMENT/DISPOSAL/MATERIALS RECOVERY Location: Thorney Weir, Iver, Buckinghamshire Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0854 Permit Version: 1 Effective Date: 2nd May 1986 Issued Date: 2nd May 1986 Revocation Date: 27th January 1987 Discharge Type: Miscellaneous Discharges - Mine / Groundwater As Raised Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of river Colne Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p>	A12NE (W)	361	2	505200 179900
6	<p>Discharge Consents</p> <p>Operator: Durkan Brothers Ltd Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Frays Nursery, Money Lane, Westdrayton, London Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0771 Permit Version: 1 Effective Date: 3rd April 1986 Issued Date: 3rd April 1986 Revocation Date: 27th June 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Fray'S River Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m</p>	A8NE (S)	363	2	505580 179510
7	<p>Discharge Consents</p> <p>Operator: Middlesex Oil & Chemical Works Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Factory Premises, Tavistock Road, West Drayton, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcp.0411 Permit Version: 1 Effective Date: 23rd July 1964 Issued Date: 23rd July 1964 Revocation Date: 27th June 1991 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location</p>	A13NE (NE)	375	2	505900 180100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p>Discharge Consents</p> <p>Operator: Middlesex Oil & Chemical Works Ltd Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Factory Premises, Tavistock Road, West Drayton, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcr.0720 Permit Version: 1 Effective Date: 21st July 1964 Issued Date: 21st July 1964 Revocation Date: 27th June 1991 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location</p>	A13NE (NE)	375	2	505900 180100
8	<p>Discharge Consents</p> <p>Operator: Wimpey Homes Holdings Ltd Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Tavistock Mews, Trout Road, Yiewsley, Hillingdon, Middlesex Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0509 Permit Version: 1 Effective Date: 6th January 1986 Issued Date: 6th January 1986 Revocation Date: 11th March 1992 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Fray'S River Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p>	A18SE (N)	410	2	505700 180300
8	<p>Discharge Consents</p> <p>Operator: Wimpey Homes Holdings Ltd. Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Tavistock Mews, Trout Road, Yiewsley, Hillingdon, Middlesex Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0510 Permit Version: 1 Effective Date: 6th January 1986 Issued Date: 6th January 1986 Revocation Date: 11th March 1992 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Fray'S River Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p>	A18SE (N)	410	2	505700 180300
9	<p>Discharge Consents</p> <p>Operator: Durkan Brothers Ltd Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Frays Nursery, Money Lane, Westdrayton, London Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.0772 Permit Version: 1 Effective Date: 3rd April 1986 Issued Date: 3rd April 1986 Revocation Date: 27th June 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Fray'S River Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	432	2	505570 179440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Discharge Consents Operator: Wsp Remediation Limited Property Type: MAKING OF GLASS/CERAMICS/CEMENT/CUTTING STONE Location: Asphalt Plant Thorney Mill Road West Drayton Middlesex Ub7 7ez Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Eprbb3590wr Permit Version: 1 Effective Date: 21st November 2014 Issued Date: 21st November 2014 Revocation Date: 16th September 2015 Discharge Type: Trade Effluent Discharge: Land/Soakaway Environment: Receiving Water: Gw Via Infiltration System Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	463	2	505226 179561
11	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Heathcote Way Site Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1134 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 13th October 2015 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Pinn Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m	A18SE (N)	506	2	505700 180400
11	Discharge Consents Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Heathcote Way Site Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1134 Permit Version: 1 Effective Date: 2nd November 1989 Issued Date: 2nd November 1989 Revocation Date: 2nd September 2010 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Pinn Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m	A18SE (N)	506	2	505700 180400
12	Discharge Consents Operator: Airoil Burner Co (Gb) Ltd, Bedford Row, London Property Type: Undefined Or Other Location: Bentinck House, Bentinck Road, West Drayton, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrc.1636 Permit Version: 1 Effective Date: 7th November 1979 Issued Date: 7th November 1979 Revocation Date: 22nd February 1990 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18SE (NE)	539	2	505800 180400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Discharge Consents Operator: Link Park Heathrow Llp Property Type: MAKING OF GLASS/CERAMICS/CEMENT/CUTTING STONE Location: Asphalt Plant Thorney Mill Road West Drayton Middlesex Ub7 7ez Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTWC.2505 Permit Version: 1 Effective Date: 13th June 1988 Issued Date: 13th June 1988 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Bigley Ditch Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	599	2	505200 179400
13	Discharge Consents Operator: Link Park Heathrow Llp Property Type: MAKING OF GLASS/CERAMICS/CEMENT/CUTTING STONE Location: Asphalt Plant Thorney Mill Road West Drayton Middlesex Ub7 7ez Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CTWC.2504 Permit Version: 1 Effective Date: 13th June 1988 Issued Date: 13th June 1988 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Bigley Ditch Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	599	2	505200 179400
13	Discharge Consents Operator: Link Park Heathrow Llp Property Type: MAKING OF GLASS/CERAMICS/CEMENT/CUTTING STONE Location: Asphalt Plant Thorney Mill Road West Drayton Middlesex Ub7 7ez Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctwc.2504 Permit Version: 1 Effective Date: 13th June 1988 Issued Date: 13th June 1988 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Bigley Ditch Status: Transferred from COPA 1974 Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	599	2	505200 179400
14	Discharge Consents Operator: F & R Amigo Containers Ltd Property Type: WAREHOUSING + SUPPORT ACTIVITIES FOR TRANSPORTATION Location: Onslow Mills, Trout Road, West Drayton, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctrc.1581 Permit Version: 1 Effective Date: 24th January 1979 Issued Date: 24th January 1979 Revocation Date: 18th December 1990 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18SE (N)	603	2	505700 180500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<p>Discharge Consents</p> <p>Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Pippins Close, West Draytonpippins Closewest Drayton Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1706 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 13th October 2015 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Fray'S River Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	640	2	506000 179400
15	<p>Discharge Consents</p> <p>Operator: Thames Water Utilities Ltd Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Pippins Close, West Draytonpippins Closewest Drayton Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Temp.1706 Permit Version: 1 Effective Date: 2nd November 1989 Issued Date: 2nd November 1989 Revocation Date: 2nd September 2010 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Fray'S River Status: Temporary Consents (Water Act 1989, Section 113) Positional Accuracy: Located by supplier to within 100m</p>	A9NW (SE)	640	2	506000 179400
16	<p>Discharge Consents</p> <p>Operator: Hydrex P.S.E. Property Type: MAKING OF MACHINERY/ENGINE/PUMP/FURNACE/TRACTOR Location: Hydrex/P.S.E. Machinery Limited Thorney Mill Road West Drayton Middlesex Ub7 7ez Authority: Environment Agency, Thames Region Catchment Area: Thames Reference: CATM.3657 Permit Version: 1 Effective Date: 16th February 1999 Issued Date: 30th April 1999 Revocation Date: 26th June 2012 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: The Bigley Ditch Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	665	2	505231 179300
16	<p>Discharge Consents</p> <p>Operator: Hydrex P.S.E. Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Hydrex P S E, Thorley Mill Road, , Middlesex Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.3506 Permit Version: 1 Effective Date: 11th December 1998 Issued Date: 23rd March 1999 Revocation Date: 26th June 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Bigley Ditch Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	665	2	505230 179300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<p>Discharge Consents</p> <p>Operator: Thermotank Ltd, Colneside Wks, W Drayton, Middx Property Type: Undefined Or Other Location: Premises At West Drayton, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctr.0404 Permit Version: 1 Effective Date: 18th March 1960 Issued Date: 18th March 1960 Revocation Date: 14th November 1991 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Frays Status: Authorisation revoked Positional Accuracy: Manually corrected supplier location</p>	A8SW (S)	791	2	505400 179100
18	<p>Discharge Consents</p> <p>Operator: Mr. M.G. Gibney Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: No 113, Thorney Mill Road, Iver, Buckinghamshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.0515 Permit Version: 1 Effective Date: 28th September 1992 Issued Date: 28th September 1992 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Onto Land Environment: Receiving Water: Alluvium Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	795	2	504930 179400
19	<p>Discharge Consents</p> <p>Operator: Mr M Paton Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Iver Bucks Sl0 9ah Authority: Environment Agency, Thames Region Catchment Area: Colne Reference: Canm.0505 Permit Version: 1 Effective Date: 25th September 2002 Issued Date: 25th September 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Thorney Mill Rd Loop (Colne) Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	833	2	504870 179420
20	<p>Discharge Consents</p> <p>Operator: Mrs S Francis Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Riverside Caravan Park West Drayton West Drayton Middlesex Ub7 7ez Ub7 7ez Authority: Environment Agency, Thames Region Catchment Area: Colne Reference: Canm.0991 Permit Version: 1 Effective Date: 22nd August 2005 Issued Date: 8th March 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: To River Colne Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	840	2	505283 179082

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	<p>Discharge Consents</p> <p>Operator: Thorney Court Management Company Ltd. Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Eighteen Houses, Thorney Farm, Eighteen Houses, Thorney Mill Lane, Thorney Farm, Thorney Mill Lane, Iver Bucks SI0 9al Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.3069 Permit Version: 1 Effective Date: 24th November 1997 Issued Date: 24th November 1997 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Colne Brook Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	855	2	504800 179500
21	<p>Discharge Consents</p> <p>Operator: S. Grundon (Ewelme) Ltd. Property Type: SPORT, AMUSEMENT+RECREATION/GOLF CLUB/GYM/THEME PK/SPA Location: The Clubhouse, Thorney Park Golf Club, The Clubhouse, Thorney Park Golf Club Thorney Mill Lane Bucks SI0 9al Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.1118 Permit Version: 1 Effective Date: 8th October 1993 Issued Date: 8th October 1993 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Colne Brook Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	855	2	504800 179500
22	<p>Discharge Consents</p> <p>Operator: Lanz Farm Ltd, Galleymead House, Colnbrook, Bucks Property Type: WWTW (NOT WATER CO) (NOT STP AT A PRIVATE PREMISES) Location: Stw, Mayfield Park Caravan Site, Thorney Mill Rd, W Drayton, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctcr.1490 Permit Version: 1 Effective Date: 28th July 1976 Issued Date: 28th July 1976 Revocation Date: 14th February 1990 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Bigley Ditch Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p>	A7SE (SW)	856	2	505200 179100
23	<p>Discharge Consents</p> <p>Operator: 99b-D Thorney Mill Road Iver Management Co. Ltd. Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 99b Thorney Mill Road Iver Bucks Slo 9ah Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.3459 Permit Version: 1 Effective Date: 2nd November 1998 Issued Date: 26th March 1999 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: The Colne Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	891	2	504820 179390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	<p>Discharge Consents</p> <p>Operator: Costain Homes (Central) Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Costain Homes, Thorney Mill Road, Iver, Buckinghamshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Cntw.0091 Permit Version: 1 Effective Date: 10th October 1989 Issued Date: 10th October 1989 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Colne Brook Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m</p>	A7NW (SW)	896	2	504820 179380
23	<p>Discharge Consents</p> <p>Operator: Costain Homes (Central) Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Costain Homes, Thorney Mill Road, Iver, Buckinghamshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Cntw.0092 Permit Version: 1 Effective Date: 10th October 1989 Issued Date: 10th October 1989 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Colne Brook Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	896	2	504820 179380
24	<p>Discharge Consents</p> <p>Operator: Astor Stag Ltd Property Type: Not Given Location: Astor Stag Ltd, Tavistock Road, WEST DRAYTON, Middlesex Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CHME.0187 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 30th August 1996 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Cooling Water (Direct) Discharge Environment: Freshwater Stream/River Receiving Water: Grand Union Canal Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	891	2	505670 180795
24	<p>Discharge Consents</p> <p>Operator: Astor Stag Ltd. Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Astor Chemical Ltd, Tavistock Road, West Drayton, Middlesex, UB7 7ra Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Cntw.1042 Permit Version: 1 Effective Date: 5th June 1991 Issued Date: 5th June 1991 Revocation Date: 26th November 1996 Discharge Type: Trade Discharges - Cooling Water Discharge Environment: Freshwater Stream/River Receiving Water: Grand Union canal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	896	2	505670 180800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Discharge Consents Operator: Astor Stag Ltd. Property Type: MAKING OF CHEMICALS + CHEMICAL PRODUCTS Location: Factory Premises, Tavistock Road, West Drayton, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Ctrc.1684 Permit Version: 1 Effective Date: 25th September 1980 Issued Date: 25th September 1980 Revocation Date: 4th June 1991 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A18NE (N)	891	2	505600 180800
26	Discharge Consents Operator: Affinity Water Limited Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Iver Treatment Works,, Thorney Lane North,, Iver, Buckinghamshire Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CNTM.0376 Permit Version: 1 Effective Date: 21st July 1992 Issued Date: 21st July 1992 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge: Freshwater Stream/River Environment: Receiving Water: Colne Brook Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 100m	A12NW (W)	904	2	504680 180110
27	Discharge Consents Operator: Mr & Mrs T E Duffy Property Type: Not Given Location: Ashbourne, Delaford Close, IVER, Buckinghamshire, SL0 9JX Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.3314 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 30th June 1998 Revocation Date: Not Supplied Discharge Type: Unknown Discharge: Unknown Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Unknown	A7NW (SW)	943	2	504820 179300
28	Discharge Consents Operator: Mr Knowlson Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 89 And 91 Thorney Mill Road Iver Buckinghamshire SL0 9an Authority: Environment Agency, Thames Region Catchment Area: Colne Reference: Canm.0155 Permit Version: 2 Effective Date: 17th November 2006 Issued Date: 17th November 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: TI Land Via Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	946	2	504750 179400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	<p>Discharge Consents</p> <p>Operator: Mrs Zoe Ward Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 89 And 91 Thorney Mill Road Iver Buckinghamshire SL0 9an Authority: Environment Agency, Thames Region Catchment Area: Colne Reference: Canm.0155 Permit Version: 2 Effective Date: 17th November 2006 Issued Date: 17th November 2006 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: TI Land Via Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	946	2	504750 179400
28	<p>Discharge Consents</p> <p>Operator: Mr Knowlson Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 89 And 91 Thorney Mill Road Iver Buckinghamshire SL0 9an Authority: Environment Agency, Thames Region Catchment Area: Colne Reference: Canm.0155 Permit Version: 1 Effective Date: 29th September 2000 Issued Date: 19th September 2000 Revocation Date: 16th November 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Not Supplied Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	946	2	504750 179400
28	<p>Discharge Consents</p> <p>Operator: Mrs Zoe Ward Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 89 And 91 Thorney Mill Road Iver Buckinghamshire SL0 9an Authority: Environment Agency, Thames Region Catchment Area: Colne Reference: Canm.0155 Permit Version: 1 Effective Date: 29th September 2000 Issued Date: 19th September 2000 Revocation Date: 16th November 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Not Supplied Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	946	2	504750 179400
29	<p>Discharge Consents</p> <p>Operator: Mr Barnet Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Willbar Cottage 100 Thorney Mill Lane Iver Bucks Bucks SL0 9ar Authority: Environment Agency, Thames Region Catchment Area: Colne Reference: Canm.0405 Permit Version: 1 Effective Date: 27th February 2002 Issued Date: 23rd April 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Colne Brook Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	960	2	504770 179340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Discharge Consents Operator: The Occupier Property Type: FOOD+BEVERAGE SERVICES/CAFE/RESTAURANT/PUB Location: North Star Ph, Thorney Mill Road, Iver, Bucks Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: Ctcu.1360 Permit Version: 1 Effective Date: 18th April 1983 Issued Date: 18th April 1983 Revocation Date: 1st October 1996 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Land/Soakaway Receiving Water: Soil O/L London Clay Strata Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A7NW (W)	984	2	504650 179520
31	Prosecutions Relating to Controlled Waters Location: Egglesey Farm, Harmondsworth, WEST DRAYTON, Middlesex, UB7 Prosecution Text: Environment Times Apr-Aug 1997 (Case 2 of 2), Polluting River Wray with silt whilst pumping water into the river for which they had a consent. Prosecution Act: WRA91 Hearing Date: 29th July 1997 Verdict: Guilty Fine: 2500 Cost: 390 Positional Accuracy: Manually positioned within the geographical locality	A18SE (N)	503	2	505590 180412
31	Prosecutions Relating to Controlled Waters Location: Egglesey Farm, Harmondsworth, WEST DRAYTON, Middlesex, UB7 Prosecution Text: Environment Times Apr-Aug 1997 (Case 1 of 2), Polluting the River Wray with silt whilst pumping water into the river for which they had a consent. Prosecution Act: WRA91 Hearing Date: 29th July 1997 Verdict: Guilty Fine: 5000 Cost: 1760 Positional Accuracy: Manually positioned within the geographical locality	A18SE (N)	508	2	505590 180417
32	Integrated Pollution Controls Name: Astor-Stag Location: Tavistock Road, WEST DRAYTON, Middlesex, UB7 7RA Authority: Environment Agency, Thames Region Permit Reference: AF6898 Dated: 29th October 1992 Process Type: IPC new application Description: 1.4 A (A) Petroleum processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A18SE (N)	581	2	505718 180473
32	Integrated Pollution Controls Name: Astor Ltd Location: Tavistock Road, WEST DRAYTON, Middlesex, UB7 7RA Authority: Environment Agency, Thames Region Permit Reference: AR9290 Dated: 30th August 1996 Process Type: IPC application for process that was regulated by HMIP for air releases under previous legislation Description: 4.5 A (C) Inorganic Chemical processes within the Chemical Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A18SE (N)	582	2	505723 180473
32	Integrated Pollution Controls Name: Astor-Stag Location: Tavistock Road, WEST DRAYTON, Middlesex, UB7 7RA Authority: Environment Agency, Thames Region Permit Reference: BC5679 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.4 A (A) Petroleum processes within the Fuel & Power Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A18SE (N)	585	2	505713 180478
32	Integrated Pollution Controls Name: Astor-Stag Location: Tavistock Road, WEST DRAYTON, Middlesex, UB7 7RA Authority: Environment Agency, Thames Region Permit Reference: AH3377 Dated: 22nd February 1993 Process Type: IPC minor (non-substantial) variation to previous variation Description: 1.4 A (A) Petroleum processes within the Fuel & Power Industry Status: Authorisation superseded by a substantial or non substantial variation Positional Accuracy: Automatically positioned to the address	A18SE (N)	586	2	505718 180478

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	Integrated Pollution Controls Name: Astor Ltd Location: Tavistock Road, WEST DRAYTON, Middlesex, UB7 7RA Authority: Environment Agency, Thames Region Permit Reference: BD1717 Dated: 24th November 1998 Process Type: IPC minor (non-substantial) variation to previous variation Description: 4.5 A (C) Inorganic Chemical processes within the Chemical Industry Status: Authorisation revoked Positional Accuracy: Automatically positioned to the address	A18SE (N)	590	2	505713 180483
33	Local Authority Pollution Prevention and Controls Name: Celtic Energy West Drayton Location: West Drayton Coal Depot, Tavistock Road, WEST DRAYTON, Middlesex, UB7 7SH Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: B2/05 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG3/5 Coal, coke and coal product processes Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A18SE (NE)	385	3	505740 180258
34	Local Authority Pollution Prevention and Controls Name: Rosies Dry Cleaners Location: 38 Station Road, West Drayton, Ub7 7dd Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/DC/008 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A14NW (E)	440	3	506020 179941
35	Local Authority Pollution Prevention and Controls Name: Hillingdon Autos Location: The Walnuts, Trout Road, WEST DRAYTON, Middlesex, UB7 7RS Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/B1/09 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorised Positional Accuracy: Manually positioned to the address or location	A18SE (N)	449	3	505577 180358
36	Local Authority Pollution Prevention and Controls Name: Astor Stag Ltd Location: Tavistock Road, WEST DRAYTON, Middlesex, UB7 7RA Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: B3/12 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/29 Di-isocyanate processes Status: Authorised Positional Accuracy: Automatically positioned to the address	A18SE (N)	580	3	505713 180473
36	Local Authority Pollution Prevention and Controls Name: Astor Stag Ltd Location: Tavistock Road, WEST DRAYTON, Middlesex, UB7 7RA Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: B3/13 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorised Positional Accuracy: Automatically positioned to the address	A18SE (N)	591	3	505718 180483
37	Local Authority Pollution Prevention and Controls Name: Aggregate Industries Uk Ltd Location: Thorney Mill Road, WEST DRAYTON, Middlesex, UB7 7EZ Authority: South Buckinghamshire District Council (now part of Buckinghamshire Council), Environmental Health Department Permit Reference: Ppc06 Dated: 2nd March 1992 Process Type: Local Authority Pollution Prevention and Control Description: PG3/15 Mineral drying and roadstone coating processes Status: Site Closed Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	627	4	505170 179389

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	Local Authority Pollution Prevention and Controls Name: Mill Road Filling Station Location: Mill Road, Harmondsworth, WEST DRAYTON, Middlesex, UB7 7EH Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/SS/1/029/09/1998 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A8SE (S)	687	3	505634 179188
39	Local Authority Pollution Prevention and Controls Name: Pearl Dry Cleaners Location: 85 High Street, Yiewsley, Ub7 7qr Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	707	3	506070 180416
40	Local Authority Pollution Prevention and Controls Name: Texaco Location: 127 Station Road, West Drayton, Middlesex, Ub7 7nd Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/SS/1/033/09/1998 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A14SE (E)	735	3	506298 179716
41	Local Authority Pollution Prevention and Controls Name: Swan Motors Location: Trout Road, WEST DRAYTON, Middlesex, UB7 7TG Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: Epa/B3/19/V1/P1 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorised Positional Accuracy: Automatically positioned to the address	A18NE (NE)	765	3	505890 180607
42	Local Authority Pollution Prevention and Controls Name: R & J Dry Cleaners Location: 148 High Street, West Drayton, Ub7 7bd Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/DC/005 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Manually positioned to the address or location	A19NW (NE)	826	3	506034 180598
43	Local Authority Pollution Prevention and Controls Name: New Pro Foundries Location: Chantry Close, Yiewsly, WEST DRAYTON, Middlesex, UB7 7SU Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: B2/10 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG2/8 Copper and copper alloy processes Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	870	3	505769 180758
43	Local Authority Pollution Prevention and Controls Name: New Pro Foundries Location: Chantry Close, Yiewsly, WEST DRAYTON, Middlesex, UB7 7SU Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: B2/10 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG2/4 Iron, steel and non-ferrous metal foundry processes Status: Authorised Positional Accuracy: Automatically positioned to the address	A18NE (N)	884	3	505781 180769

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	Local Authority Pollution Prevention and Controls Name: Totalfinaelf Location: Falling Lane, Yiewsley, WEST DRAYTON, Middlesex, UB7 8BE Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A19NW (NE)	928	3	505962 180754
45	Local Authority Pollution Prevention and Controls Name: Shell Yiewsley Location: 209 High Street, Yiewsley, HILLINGDON, Middlesex, UB7 7QP Authority: London Borough of Hillingdon, Environmental Health Department Permit Reference: EPA/SS/1/014/09/1998 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location	A18NE (N)	950	3	505798 180833
	Nearest Surface Water Feature	A13NE (N)	76	-	505602 179981
46	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 7th April 1993 Incident Reference: N1930133 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	154	2	505701 180001
47	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 10th November 1998 Incident Reference: THNE1998041057 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	240	2	505801 179996
47	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 10th March 1995 Incident Reference: N1950115 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	242	2	505801 180001
48	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Tavistock Avenue, WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 14th May 1997 Incident Reference: THN1997032171 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (N)	301	2	505500 180200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 19th March 1993 Incident Reference: N1930100 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	321	2	505400 179600
50	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 30th November 1994 Incident Reference: N1940386 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	372	2	505201 180001
51	Pollution Incidents to Controlled Waters Property Type: Not Given Location: HAYES Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Confirmed As A Pollution Incident Incident Date: 17th September 1993 Incident Reference: NE930635 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	379	2	505500 179500
52	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Addlestone Road, WEYBRIDGE Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Other Note: Not Supplied Incident Date: Not Supplied Incident Reference: S1960084 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Unknown	A14NW (E)	433	2	506001 180001
53	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 11th August 1992 Incident Reference: N1920461 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	524	2	505200 179500
54	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: General Note: Not Supplied Incident Date: 7th October 1997 Incident Reference: THN11997030398 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	568	2	505001 180001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	Pollution Incidents to Controlled Waters Property Type: Not Given Location: YIEWSLEY Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 2nd February 1993 Incident Reference: N1930030 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	572	2	506000 180295
55	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Chemicals - Unknown Note: Confirmed As A Pollution Incident Incident Date: 17th January 1990 Incident Reference: N1900020 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	576	2	506000 180300
56	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 24th December 1993 Incident Reference: N1930395 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	577	2	505500 179300
57	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Trout Lane, WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Other Note: Not Supplied Incident Date: 9th April 1996 Incident Reference: N1960195 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	591	2	505600 180500
58	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Rear Of 27 Frays Avenue Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 20th February 1989 Incident Reference: N1890085 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	603	2	505700 180500
59	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Trout Road, YIEWSLEY Authority: Environment Agency, Thames Region Pollutant: Unknown Note: Not Supplied Incident Date: 18th March 1996 Incident Reference: N1960129 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	631	2	505800 180500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	Pollution Incidents to Controlled Waters Property Type: Not Given Location: ERITH Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: Not Supplied Incident Reference: SE960078 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	663	2	505020 179500
61	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Colne Avenue Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 29th September 1989 Incident Reference: N1890514 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A12SE (W)	669	2	504900 179800
62	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 22nd March 1994 Incident Reference: N1940113 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	681	2	505200 179300
63	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 9th March 1995 Incident Reference: N1950114 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	702	2	505700 180600
64	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 17th January 1995 Incident Reference: N1950026 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	761	2	504800 179895
64	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Thorney Mill, IVER Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Urban Runoff Note: Confirmed As A Pollution Incident Incident Date: 6th April 1992 Incident Reference: N1920209 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	761	2	504800 179900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 3rd February 1993 Incident Reference: N1930033 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	791	2	505600 180700
66	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Thorney Mill, IVER Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 18th November 1992 Incident Reference: N1920560 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	791	2	505400 179100
67	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 11th January 1995 Incident Reference: N1950016 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	800	2	505700 180700
68	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 27th September 1991 Incident Reference: N1910530 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	818	2	505300 179100
69	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Mayfield Caravan Park Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 16th March 1989 Incident Reference: N1890150 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	820	2	505100 179200
70	Pollution Incidents to Controlled Waters Property Type: Not Given Location: IVER Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Urban Runoff Note: Confirmed As A Pollution Incident Incident Date: 30th May 1992 Incident Reference: N1920320 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	851	2	506200 179300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 5th August 1998 Incident Reference: THNE1998039896 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	858	2	505750 180750
72	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Thorney Farm, IVER Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 25th October 1991 Incident Reference: N1910585 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	865	2	504701 180001
73	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Thorney Mill Lane Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 25th April 1989 Incident Reference: N1890217 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	880	2	504900 179300
74	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 6th February 1995 Incident Reference: N1950054 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	889	2	504900 180500
75	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 10th November 1994 Incident Reference: N1940372 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	889	2	505400 179000
76	Pollution Incidents to Controlled Waters Property Type: Not Given Location: High Road, YIEWSLEY Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 14th December 1993 Incident Reference: N1930379 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	894	2	505700 180795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Thorney Mill, IVER Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Urban Runoff Note: Confirmed As A Pollution Incident Incident Date: 6th April 1992 Incident Reference: N1920206 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	903	2	504800 179400
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: IVER Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 27th May 1992 Incident Reference: N1920308 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	908	2	504700 180195
78	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Thorney Golf Course, IVER Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 28th April 1992 Incident Reference: N1920252 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	910	2	504700 180200
79	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Other Note: Not Supplied Incident Date: 5th January 1996 Incident Reference: N1960007 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	911	2	505305 179000
79	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 9th October 1994 Incident Reference: N1940369 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	913	2	505300 179000
79	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Thorne, WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 6th July 1995 Incident Reference: N1950344 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	916	2	505305 178995

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Thorne, WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 6th July 1995 Incident Reference: N1950343 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8SW (S)	918	2	505300 178995
80	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 19th August 1993 Incident Reference: N1930274 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	941	2	506500 180100
81	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 5th January 1995 Incident Reference: N1950017 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (SW)	947	2	505200 179000
81	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Miscellaneous - Unknown Note: Confirmed As A Pollution Incident Incident Date: 16th January 1995 Incident Reference: N1950025 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7SE (S)	952	2	505200 178995
82	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Colhm Mill, WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed incident Incident Date: 22nd April 1999 Incident Reference: THNE1999042703 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	971	2	506005 179005
82	Pollution Incidents to Controlled Waters Property Type: Not Given Location: HALTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 7th December 1995 Incident Reference: N1950645 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	973	2	506000 179000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
82	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Frays Close, WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Unknown Note: Not Supplied Incident Date: 29th July 1997 Incident Reference: THN1199703266S Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	975	2	506005 179000
82	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 9th October 1996 Incident Reference: N1960531 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	978	2	506000 178995
82	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Colham Mill Road, WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 13th June 1997 Incident Reference: THN11997032586 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	980	2	506005 178995
83	Pollution Incidents to Controlled Waters Property Type: Not Given Location: IVER Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 7th September 1998 Incident Reference: THNE1998040438 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	977	2	504750 179340
84	Pollution Incidents to Controlled Waters Property Type: Not Given Location: IVER Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 14th April 1992 Incident Reference: N1920230 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	979	2	504600 180095
84	Pollution Incidents to Controlled Waters Property Type: Not Given Location: IVER Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 1st April 1992 Incident Reference: N1920192 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	980	2	504600 180100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	Pollution Incidents to Controlled Waters Property Type: Not Given Location: High Road, COWLEY Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 14th November 1994 Incident Reference: N1940375 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	994	2	505705 180895
85	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 19th October 1994 Incident Reference: N1940344 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	994	2	505700 180895
85	Pollution Incidents to Controlled Waters Property Type: Not Given Location: WEST DRAYTON Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 22nd December 1993 Incident Reference: N1930390 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	998	2	505700 180900
85	Pollution Incidents to Controlled Waters Property Type: Not Given Location: YIEWSLEY Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed incident Incident Date: 20th April 1999 Incident Reference: THNE1999042672 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A18NE (N)	999	2	505705 180900
86	Prosecutions Relating to Authorised Processes Location: Engine Public House, 5 Station Road, West Drayton, Middlesex, UB7 7BT Prosecution Text: EA Data 06/10/1998, Two tonnes of timber and old fittings were removed by an unlicensed waste carrier and burnt. Prosecution Act: EPA90 s34 Hearing Date: 6th October 1998 Verdict: Guilty Fine: 250 Costs: 217.5 Positional Accuracy: Manually positioned to the address or location	A14NW (E)	449	2	506007 180040
87	Registered Radioactive Substances Name: Ministry Of Defence Location: Kingston Lane, WEST DRAYTON, Middlesex, UB7 9QB Authority: Environment Agency, Thames Region Permit Reference: BA2962 Dated: 26th May 1998 Process Type: Authorisation under S13 RSA for the disposal of Radioactive waste (was RSA60 S7) Description: Authorisation under RSA Status: Authorisation either revoked or cancelled Positional Accuracy: Unknown	A14SE (E)	921	2	506500 179800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Frays GQA Grade: River Quality B Reach: Pinn - Colne Estimated Distance (km): 2 Flow Rate: Flow less than 2.5 cumecs Flow Type: River Year: 2000	A13NW (W)	188	2	505372 179901
	River Quality Name: Frays GQA Grade: River Quality B Reach: Colne - Pinn Estimated Distance (km): 7 Flow Rate: Flow less than 2.5 cumecs Flow Type: River Year: 2000	A13SE (SE)	193	2	505746 179782
	River Quality Name: Colne GQA Grade: River Quality A Reach: Misbourne - Thames Estimated Distance (km): 18 Flow Rate: Flow less than 2.5 cumecs Flow Type: River Year: 2000	A13SW (SW)	204	2	505484 179687
	River Quality Name: Guc (Cowley Reach) GQA Grade: River Quality D Reach: Source - Iron Bridge Estimated Distance (km): 6.5 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A18SE (NE)	600	2	505882 180427
	River Quality Name: Colne Bk GQA Grade: River Quality A Reach: Uxbridge Moor - Thames Estimated Distance (km): 15 Flow Rate: Flow less than 1.25 cumecs Flow Type: River Year: 2000	A12SW (W)	768	2	504833 179652
	River Quality Name: Pinn GQA Grade: River Quality E Reach: Cannon Bk - Frays Estimated Distance (km): 9.5 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A18NE (N)	923	2	505654 180829
	River Quality Name: Guc (Slough Arm) GQA Grade: River Quality E Reach: Source - Guc (Cowley Reach) Estimated Distance (km): 7 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A17NE (NW)	979	2	505176 180805

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	River Quality Biology Sampling Points Name: Frays River Reach: Pinn To Colne Estimated Distance: 2.00 Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Biology GQA Grade B - Good Year: 1995 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2000 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2002 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2003 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2004 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2005 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2006 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2007 GQA Grade: River Quality Biology GQA Grade A - Very Good Year: 2008 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2009 GQA Grade: River Quality Biology GQA Grade B - Good	A18NE (N)	671	2	505600 180580

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	River Quality Chemistry Sampling Points Name: Frays Reach: Pinn To Colne Estimated Distance: 2.00 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied	A8SW (S)	836	2	505443 179046
90	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, North East Area Incident Date: 18th March 2005 Incident Reference: 299829 Water Impact: Category 3 - Minor Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Specific Waste Materials: Vehicles And Vehicle Parts	A12SE (SW)	494	2	505150 179610
91	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, North East Area Incident Date: 6th April 2002 Incident Reference: 69338 Water Impact: Category 4 - No Impact Air Impact: Category 3 - Minor Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants and Effects: Fumes Pollutant: Contaminated Water: Firefighting Run-Off	A19SW (NE)	608	2	505927 180407

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, North East Area Incident Date: 20th October 2005 Incident Reference: 357482 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Oils - Diesel (Including Agricultural)	A7NE (SW)	618	2	505195 179381
93	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, North East Area Incident Date: 6th February 2006 Incident Reference: 375604 Water Impact: Category 3 - Minor Incident Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inert : Construction / Demolition Material	A7NE (SW)	650	2	505219 179325
94	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, North East Area Incident Date: 3rd November 2015 Incident Reference: 1385386 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Inorganic Chemicals : Other	A12NW (W)	910	2	504681 180139
95	Water Abstractions Operator: Grundon Leisure Limited Licence Number: 28/39/28/0510 Permit Version: 100 Location: Colne Brook At Thorney Farm, Iver Authority: Environment Agency, Thames Region Abstraction: Golf Courses: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 182 Yearly Rate (m3): 27277 Details: Thorney Farm, Iver, Bucks Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 30th June 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NW (W)	861	2	504700 179900
96	Water Abstractions Operator: British Waterways Licence Number: 28/39/28/0352 Permit Version: Not Supplied Location: Middx Oil & Chemical Works Authority: Environment Agency, Thames Region Abstraction: Cooling Abstraction Type: Not Supplied Source: River/Stream Intake Daily Rate (m3): 455 Yearly Rate (m3): 157291 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	A18NE (N)	899	2	505700 180800
	Water Abstractions Operator: W Boyer & Sons Ltd Licence Number: 28/39/28/0038 Permit Version: Not Supplied Location: Colnbrook, COLNBROOK Authority: Environment Agency, Thames Region Abstraction: Sand And Gravel Washing Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 1164 Yearly Rate (m3): 332839 Details: River Gravel; Licence Status: Revoked; Lapsed Or Cancelled 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	A2NW (SW)	1320	2	504800 178800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: British Airways Plc Licence Number: 28/39/28/0530 Permit Version: 100 Location: River Colne At Prospect Park, West Drayton Authority: Environment Agency, Thames Region Abstraction: Transport: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 480 Yearly Rate (m3): 7300 Details: Prospect Park, West Drayton Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 24th March 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SW (S)	1583	2	505390 178300
	Water Abstractions Operator: Dr J P V Rigby Licence Number: 28/39/28/0495 Permit Version: 100 Location: River Colne At Huntsmoor Weir, Cowley, Middlesex Authority: Environment Agency, Thames Region Abstraction: Production Of Energy: Hydroelectric Power Generation Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 58752 Yearly Rate (m3): 21503232 Details: Huntsmoor Weir, Cowley, Middlesex Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A22NW (NW)	1803	2	504870 181570
	Water Abstractions Operator: Prologis Uk Cccix Sarl Licence Number: Th/039/0036/004/R01 Permit Version: 1 Location: Stockley Park (Phase 3)- Borehole A Authority: Environment Agency, Thames Region Abstraction: Business Parks: Make-Up or Top Up Water 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 April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1839	2	507412 180084
	Water Abstractions Operator: Prologis Uk Cccix Sarl Licence Number: Th/039/0036/004 Permit Version: 4 Location: Stockley Park (Phase 3)- Borehole A Authority: Environment Agency, Thames Region Abstraction: Business Parks: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lands At Stockley Park, Uxbridge Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th September 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1908	2	507460 180230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Prologis Uk Cccix Sarl Licence Number: Th/039/0036/004 Permit Version: 3 Location: Stockley Park (Phase 3)- Borehole A Authority: Environment Agency, Thames Region Abstraction: Business Parks: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lands At Stockley Park, Uxbridge Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 28th July 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1908	2	507460 180230
	Water Abstractions Operator: Horton Road Limited Licence Number: Th/039/0036/004 Permit Version: 2 Location: Stockley Park (Phase 3)- Borehole A Authority: Environment Agency, Thames Region Abstraction: Business Parks: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lands At Stockley Park, Uxbridge Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 24th September 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1908	2	507460 180230
	Water Abstractions Operator: Stockley Park Phase 3 Limited Licence Number: Th/039/0036/004 Permit Version: 1 Location: Stockley Park (Phase 3)- Borehole A Authority: Environment Agency, Thames Region Abstraction: Business Parks: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lands At Stockley Park, Uxbridge Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 2nd February 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1908	2	507460 180230
	Water Abstractions Operator: Stockley Park West Limited Licence Number: 28/39/36/0067 Permit Version: 3 Location: Stockley Park (Phase 3)- Borehole A Authority: Environment Agency, Thames Region Abstraction: Business Parks: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lands At Stockley Park, Uxbridge Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 7th December 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1908	2	507460 180230

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Stockley Park Phase 3 Limited Licence Number: 28/39/36/0067 Permit Version: 2 Location: Stockley Park (Phase 3)- Borehole A Authority: Environment Agency, Thames Region Abstraction: Business Parks: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lands At Stockley Park, Uxbridge Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 25th September 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1908	2	507460 180230
	Water Abstractions Operator: Stockley Park Phase 3 Limited Licence Number: 28/39/36/0067 Permit Version: 1 Location: Borehole At Stockley Park (Phase 3) Authority: Environment Agency, Thames Region Abstraction: Business Parks: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Lands At Stockley Park, Uxbridge Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 5th March 2001 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1908	2	507460 180230
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: Superficial Thickness: 3-10m Superficial Recharge: Medium	A13NW (SW)	0	5	505571 179892
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (SW)	0	5	505571 179892
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13NW (SW)	0	5	505571 179892
	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	A13NE (NE)	31	2	505608 179916
	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	A13SW (SW)	31	2	505550 179847
	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	A13SE (E)	89	2	505673 179883
	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	A13NE (NE)	36	2	505612 179924

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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	A13SE (E)	91	2	505674 179889
	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	A13SW (W)	167	2	505398 179865
	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	A13NE (NE)	195	2	505749 180003
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13NE (NE)	36	2	505612 179924
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13NE (NE)	61	2	505604 179965
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13SE (SE)	209	2	505687 179700
	Areas Benefiting from Flood Defences Type: Area Benefiting from Flood Defences Boundary Accuracy: As Supplied	A13NE (NE)	219	2	505718 180078
	Flood Water Storage Areas None				
	Flood Defences None				
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (NE)	70	6	505623 179962
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 68.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (NE)	72	6	505637 179951
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (N)	77	6	505603 179982
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (E)	98	6	505680 179903
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 252.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A13SE (E)	98	6	505681 179886

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 144.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A13NE (E)	103	6	505686 179897
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 149.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A13SE (SE)	203	6	505756 179781
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 668.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A13SW (SW)	209	6	505460 179693
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A13NE (NE)	214	6	505768 180006
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 2	A13NE (NE)	214	6	505768 180006
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 102.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 2	A13NE (E)	218	6	505800 179914
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 2	A13NE (E)	219	6	505799 179919
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 30.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 2	A13NE (E)	219	6	505799 179919
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 133.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A13SW (SW)	226	6	505361 179786

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.6 Watercourse Level: Underground Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 2	A13NE (E)	227	6	505792 179981
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 2	A13NE (NE)	228	6	505787 180000
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 236.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 1	A13SW (W)	229	6	505334 179867
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 2	A13NE (NE)	231	6	505785 180010
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 131.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 2	A13SE (E)	232	6	505803 179813
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A13SE (E)	232	6	505803 179813
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 464.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A13NE (NE)	234	6	505781 180023
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A13SE (E)	234	6	505817 179877
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13NE (E)	237	6	505820 179900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 2	A13SW (SW)	256	6	505361 179724
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A13SE (SE)	258	6	505752 179691
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 532.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 2	A13SW (SW)	267	6	505350 179720
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 439.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A13SE (SE)	268	6	505728 179657
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A13SW (W)	269	6	505304 179820
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (SE)	287	6	505746 179646
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (SE)	300	6	505738 179625
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (SE)	304	6	505735 179618
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (SE)	323	6	505719 179587

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 188.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A13SE (SE)	333	6	505712 179572
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 1	A12NE (W)	345	6	505228 179994
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 192.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A12NE (W)	357	6	505204 179936
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 396.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12SE (W)	374	6	505192 179846
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 1	A12NE (W)	375	6	505210 180037
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 1	A12NE (W)	376	6	505209 180037
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	393	6	505615 180301
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 386.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (NW)	412	6	505211 180123
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 54.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 2	A12NE (NW)	421	6	505194 180111

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	437	6	505458 180329
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	443	6	505525 180349
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	444	6	505527 180350
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	451	6	505532 180358
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	455	6	505486 180355
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	456	6	505488 180356
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 27.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (S)	466	6	505620 179409
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 71.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 2	A12NE (NW)	471	6	505143 180123
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (S)	478	6	505597 179395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 20.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A8NW (S)	507	6	505548 179365
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A18SE (N)	523	6	505617 180431
149	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 2	A8NW (S)	523	6	505535 179350
150	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A8NW (S)	523	6	505535 179350
151	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	529	6	505609 180437
152	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SE (N)	529	6	505609 180437
153	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 137.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A18SE (N)	533	6	505613 180441
154	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 2	A12NE (NW)	534	6	505072 180121
155	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 85.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12NE (NW)	542	6	505064 180120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
156	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	561	6	505465 180458
157	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	563	6	505461 180459
158	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 95.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	567	6	505524 180474
159	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 2520.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Trent Primacy: 1	A19SW (NE)	576	6	506041 180254
160	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A18SW (N)	577	6	505428 180466
161	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	577	6	505428 180466
162	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A18SW (N)	579	6	505526 180486
163	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A18SW (N)	587	6	505413 180473
164	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A18SW (N)	588	6	505416 180474

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
165	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	590	6	505430 180481
166	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 411.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A8NW (S)	591	6	505495 179286
167	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	591	6	505416 180477
168	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	594	6	505402 180476
169	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 61.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12NE (NW)	598	6	505040 180199
170	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 2	A12NE (NW)	598	6	505040 180199
171	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	600	6	505396 180481
172	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 428.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	600	6	505396 180481
173	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A18SW (N)	600	6	505442 180493

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
174	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	603	6	505402 180486
175	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A18SW (N)	608	6	505420 180497
176	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	613	6	505418 180501
177	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	613	6	505418 180501
178	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	620	6	505415 180507
179	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 357.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	621	6	505340 180485
180	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 165.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	625	6	505410 180511
181	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (S)	640	6	505411 179252
182	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	644	6	505478 180545

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
183	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A18SW (N)	651	6	505486 180553
184	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 89.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A12NE (NW)	656	6	504990 180228
185	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 50.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A18NE (N)	659	6	505585 180568
186	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Pinn Catchment Name: Thames Primacy: 1	A18NE (N)	659	6	505585 180568
187	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 108.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 2	A8SW (S)	687	6	505412 179203
188	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A8SW (S)	688	6	505426 179199
189	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1375.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A18NW (N)	698	6	505552 180606
190	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A18NW (N)	698	6	505552 180606
191	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 94.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	703	6	504994 180321

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
192	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 343.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Pinn Catchment Name: Thames Primacy: 1	A18NE (N)	717	6	505576 180626
193	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 253.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 2	A7NE (SW)	722	6	505206 179248
194	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SE (NW)	737	6	504918 180265
195	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 233.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A17SE (NW)	740	6	504908 180252
196	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 2	A8SW (S)	752	6	505366 179148
197	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 438.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Colne Brook Catchment Name: Thames Primacy: 1	A12SW (W)	757	6	504835 179691
198	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 180.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 2	A8SW (S)	759	6	505363 179142
199	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NE (SW)	763	6	504950 179427
200	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A8SW (S)	791	6	505406 179098

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
201	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (S)	791	6	505406 179098
202	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	819	6	504742 179875
203	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 273.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Colne Brook Catchment Name: Thames Primacy: 1	A12SW (W)	819	6	504742 179875
204	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 154.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Colne Brook Catchment Name: Thames Primacy: 1	A7NW (SW)	825	6	504856 179457
205	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Colne Brook Catchment Name: Thames Primacy: 2	A7NW (SW)	825	6	504856 179457
206	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 378.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12SW (W)	837	6	504724 179869
207	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Colne Brook Catchment Name: Thames Primacy: 2	A7NW (SW)	838	6	504839 179462
208	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Colne Brook Catchment Name: Thames Primacy: 2	A7NW (SW)	842	6	504834 179463
209	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 126.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Colne Brook Catchment Name: Thames Primacy: 1	A7NW (SW)	845	6	504830 179464

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
210	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SW (NW)	881	6	504886 180470
211	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 107.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A17SW (NW)	881	6	504886 180470
212	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 154.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17NE (NW)	885	6	505014 180600
213	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 75.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SW (NW)	897	6	504817 180406
214	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NW (W)	901	6	504690 180139
215	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 240.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Colne Brook Catchment Name: Thames Primacy: 1	A12NW (W)	901	6	504690 180139
216	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 79.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A8SW (S)	909	6	505308 179002
217	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 635.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bigley Ditch Catchment Name: Thames Primacy: 2	A7SE (SW)	910	6	505106 179089
218	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 437.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Colne Brook Catchment Name: Thames Primacy: 1	A7NW (SW)	922	6	504818 179338

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
219	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A17SW (NW)	923	6	504758 180360
220	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A17NW (NW)	950	6	504885 180573
221	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 2	A17NW (NW)	950	6	504885 180573
222	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 943.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Colne Brook Catchment Name: Thames Primacy: 1	A17SW (NW)	951	6	504722 180354
223	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 31.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 2	A8SW (S)	964	6	505332 178937
224	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A8SW (S)	964	6	505332 178937
225	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Fray's River Catchment Name: Thames Primacy: 1	A8SW (S)	974	6	505311 178933
226	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.9 Watercourse Level: Underground Permanent: True Watercourse Name: River Pinn Catchment Name: Thames Primacy: 1	A18NE (N)	978	6	505606 180886
227	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Colne Catchment Name: Thames Primacy: 1	A8SW (S)	984	6	505268 178935

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
228	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 878.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Pinn Catchment Name: Thames Primacy: 1	A18NE (N)	987	6	505673 180892

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
229	BGS Recorded Landfill Sites Site Name: Goodman Price Location: Gravel Pit, Thorney Mill Lane, Bucks Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Derived	A13SW (SW)	268	-	505318 179778
230	BGS Recorded Landfill Sites Site Name: William Bowyers Gravel Pit Location: Thorne Mill Lane, Bucks Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A7SE (SW)	825	-	505164 179153
231	BGS Recorded Landfill Sites Site Name: Larbourne Farm Tip Location: IVER, Bucks Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Derived	A7NE (SW)	879	-	504920 179279
232	BGS Recorded Landfill Sites Site Name: St Albans Sand & Gravel Location: Larbourne Fm, Bucks Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A7NW (SW)	938	-	504796 179342
233	Historical Landfill Sites Licence Holder: Goodman-Price and Hepworth Location: Thorney Mill Road Name: Thorney Mill Site Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL1283 First Input Date: 31st December 1971 Last Input Date: 10th September 1984 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5510/0025 BGS Ref: Not Supplied Other Ref: DL047, DL053, 8HI049, 5510/0074	A13SW (SW)	221	2	505446 179689
234	Historical Landfill Sites Licence Holder: Goodman Price Limited Location: West Drayton, Hillingdon, London Name: Bagley Ditch Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL12611 First Input Date: Not Supplied Last Input Date: 31st March 1972 Specified Waste: Deposited Waste included Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0400/0134 BGS Ref: Not Supplied Other Ref: WD/1558/45	A13SW (SW)	250	2	505334 179788

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
235	Historical Landfill Sites Licence Holder: S W Boyer Location: Yiewsley, Hillingdon, London Name: Trout Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11193 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5510/0015 BGS Ref: Not Supplied Other Ref: 8HI050, HIL058	A18SE (N)	388	2	505610 180295
236	Historical Landfill Sites Licence Holder: D and H Reclamation Limited Location: Thorney Mill Road, Iver, Buckinghamshire Name: Thorney Mill Operator Location: Riverscroft, Chertsey Road, Shepperton, Middlesex Boundary Accuracy: As Supplied Provider Reference: EAHLD12531 First Input Date: 31st December 1952 Last Input Date: 31st December 1985 Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0400/0131 BGS Ref: Not Supplied Other Ref: WDA/163	A12SE (W)	391	2	505176 179837
237	Historical Landfill Sites Licence Holder: Goodman Price Limited Location: Thorney Mill Road, Iver, Buckinghamshire Name: Thorney Mill Operator Location: Riverscroft, Chertsey Road, Shepperton, Middlesex Boundary Accuracy: As Supplied Provider Reference: EAHLD12529 First Input Date: 1st January 1954 Last Input Date: 18th May 1981 Specified Waste: Deposited Waste included Inert and Industrial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0400/0132 BGS Ref: Not Supplied Other Ref: WDA/106, 1090/7	A12SE (W)	546	2	505018 179845
238	Historical Landfill Sites Licence Holder: S W Boyer - Grand Junction Canal Company Location: Yiewsley, Hillingdon, London Name: The Lizards Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11177 First Input Date: 31st December 1960 Last Input Date: 31st December 1970 Specified Waste: Deposited Waste included Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5510/0014 BGS Ref: Not Supplied Other Ref: 8HI051, HIL059	A18SW (N)	606	2	505400 180488
239	Historical Landfill Sites Licence Holder: Not Supplied Location: Thorney Mill Road Name: South of Thorney Mill Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11173 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: 8HI032	A7NE (SW)	734	2	505194 179241

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
240	Historical Landfill Sites Licence Holder: Hall Aggregates (Thames Valley) Limited Location: Thorneymill Road, Iver, Buckinghamshire Name: Larbourne Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD12533 First Input Date: 31st December 1977 Last Input Date: 31st December 1990 Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0400/0328 BGS Ref: Not Supplied Other Ref: WDA/128	A7NE (SW)	799	2	504995 179318
241	Historical Landfill Sites Licence Holder: Not Supplied Location: Thorne Mill Lane, Buckinghamshire Name: William Boyer and Sons Limited Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD32334 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 1591 Other Ref: Not Supplied	A7SE (SW)	826	2	505160 179155
242	Historical Landfill Sites Licence Holder: S Grundon Waste Limited Location: Iver, Buckinghamshire Name: Thorney Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD12527 First Input Date: 31st December 1985 Last Input Date: 31st December 1990 Specified Waste: Deposited Waste included Inert, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0400/0118 BGS Ref: Not Supplied Other Ref: WDA/219, 1090/12	A12NW (W)	841	2	504719 179892
243	Historical Landfill Sites Licence Holder: Hall Aggregates (Thames Valley) Limited Location: Thorneymill Road, Iver, Buckinghamshire Name: Larbourne Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD12532 First Input Date: 31st December 1977 Last Input Date: 31st December 1990 Specified Waste: Deposited Waste included Inert, Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0400/0328 BGS Ref: Not Supplied Other Ref: WDA/128	A7NE (SW)	878	2	504916 179286
244	Historical Landfill Sites Licence Holder: Not Supplied Location: Iver, Buckinghamshire Name: Larbourne Farm Tip Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD32333 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 1590 Other Ref: Not Supplied	A7NE (SW)	881	2	504916 179280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
245	Historical Landfill Sites Licence Holder: Not Supplied Location: Laurel Lane Name: North of Laurel Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL011324 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5510/0019 BGS Ref: Not Supplied Other Ref: 8HI030, HIL036	A9SW (SE)	916	2	506172 179183
246	Historical Landfill Sites Licence Holder: Hall Aggregates (Thames Valley) Limited Location: Thorneymill Road, Iver, Buckinghamshire Name: Larbourne Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL012534 First Input Date: 31st December 1977 Last Input Date: 31st December 1990 Specified Waste Deposited Waste included Inert, Industrial, Commercial and Household Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0400/0328 BGS Ref: Not Supplied Other Ref: WDA/128	A7SE (SW)	921	2	504996 179152
247	Historical Landfill Sites Licence Holder: Grundons Location: Thorney Name: Thorney Farm 2nd Lake Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL034176 First Input Date: 31st December 1992 Last Input Date: 27th February 1993 Specified Waste Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0400/0128 BGS Ref: Not Supplied Other Ref: WDA/372	A12NW (W)	939	2	504621 179908
248	Historical Landfill Sites Licence Holder: Not Supplied Location: Larbourne Farm, Buckinghamshire Name: St Albans Sand and Gravel Company Limited Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL032332 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 1589 Other Ref: Not Supplied	A7NW (SW)	941	2	504791 179344

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
249	Licensed Waste Management Facilities (Locations) Licence Number: 120632 Location: West Drayton Coal Depot, West Drayton, London Borough Of Hilling, UB7 7QT Operator Name: FCC ENVIRONMENT (UK) LIMITED Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Inert & Excavation WTS Licence Status: Issued Issued: 14th June 2022 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	290	2	505389 180138
250	Licensed Waste Management Facilities (Locations) Licence Number: 104761 Location: Yiewsley Rail Sidings, Tavistock Road, West Drayton, Middlesex, UB7 7RD Operator Name: Powerday Plc Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Non-hazardous & hazardous HWA Site Licence Status: Modified Issued: 3rd December 2012 Last Modified: 21st March 2018 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (N)	333	2	505568 180242
251	Licensed Waste Management Facilities (Locations) Licence Number: 407159 Location: Trout Lane, Yiewsley, Hillingdon, UB7 7SN Operator Name: R G S C Limited Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Inert & excavation Waste TS + treatment Licence Status: Issued Issued: 5th February 2021 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (N)	402	2	505451 180291
252	Licensed Waste Management Facilities (Locations) Licence Number: 101322 Location: Thorney Mill Sidings, Thorney Mill Road, West Drayton, Middlesex, UB7 7EZ Operator Name: Ashville Aggregates Limited Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Inert & Excavation WTS with treatment Licence Status: Transferred Issued: 30th July 2010 Last Modified: 20th September 2019 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	525	2	505159 179544

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
253	Licensed Waste Management Facilities (Locations) Licence Number: 80001 Location: Old Mill Sidings, Thorney Mill Road, West Drayton, Middlesex, UB7 7EZ Operator Name: Drayton Recycling Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Metal Recycling Sites (Mixed) Licence Status: Expired Issued: 2nd March 1994 Last Modified: Not Supplied Expires: 14th November 2000 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	946	2	504700 179500
254	Licensed Waste Management Facilities (Locations) Licence Number: 80420 Location: Trout Lane, Yiewsley, West Drayton, Middlesex, UB7 7XE Operator Name: Envirowaste (London) Ltd Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Expired Issued: 29th November 1999 Last Modified: 20th February 2012 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NE (N)	953	2	505219 180794
254	Licensed Waste Management Facilities (Locations) Licence Number: 404012 Location: G K Depot, Trout Road, Yiewsley, West Drayton, Middlesex, UB7 7SN Operator Name: Recycling With Skips Limited Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Modified Issued: 5th March 2018 Last Modified: 8th August 2019 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17NE (N)	981	2	505221 180825
	Local Authority Landfill Coverage Name: London Borough of Hillingdon - Has not been able to supply Landfill data		0	3	505571 179892
	Local Authority Landfill Coverage Name: Buckinghamshire County Council - Has supplied landfill data		226	7	505338 179864
	Local Authority Landfill Coverage Name: South Buckinghamshire District Council - Has supplied landfill data		226	8	505338 179864
255	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: WDA 163 Authority: Buckinghamshire County Council Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A12SE (W)	378	7	505189 179838

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
256	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 2888 Authority: South Buckinghamshire District Council (now part of Buckinghamshire Council) Last Reported Status: Not Supplied Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A12SE (W)	541	8	505023 179843
257	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 2892 Authority: South Buckinghamshire District Council (now part of Buckinghamshire Council) Last Reported Status: Not Supplied Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A7NE (SW)	797	8	504999 179316
258	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 2886 Authority: South Buckinghamshire District Council (now part of Buckinghamshire Council) Last Reported Status: Not Supplied Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A12SW (W)	837	8	504724 179890
259	Local Authority Recorded Landfill Sites Location: Thorney Farm Reference: WDA 219 Authority: Buckinghamshire County Council Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A12SW (W)	857	7	504704 179875
260	Local Authority Recorded Landfill Sites Location: Not Supplied Reference: 2891 Authority: South Buckinghamshire District Council (now part of Buckinghamshire Council) Last Reported Status: Not Supplied Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Good	A7NE (SW)	876	8	504921 179284
261	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A18SW (N)	460	13	505427 180345
262	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A14NW (E)	552	13	506120 180015
263	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A19SW (NE)	795	13	506109 180501
264	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A9SW (SE)	928	13	506188 179181
265	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A12NW (W)	931	13	504648 180087

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
266	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14SE (E)	970	13	506528 179669
267	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1960	A13NE (NE)	63	13	505618 179957
268	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1934	A13SW (W)	152	13	505419 179842
269	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A13NW (N)	262	13	505513 180163
270	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1934	A13SW (SW)	268	13	505344 179727
271	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1960	A13SW (W)	296	13	505285 179791
272	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A18SW (N)	397	13	505434 180280
273	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1934	A8NW (S)	513	13	505416 179382
274	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A19SW (NE)	538	13	505936 180311
275	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1960	A12SE (W)	556	13	505026 179749
276	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A14NW (E)	665	13	506200 180145
277	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1900	A19SE (NE)	810	13	506302 180272
278	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1960	A14NE (E)	950	13	506528 179985
279	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1960	A7NW (SW)	969	13	504784 179304

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
280	<p>Registered Landfill Sites</p> <p>Licence Holder: D & H Reclamation Ltd Licence Reference: 163 Site Location: Thorney Mill Tip, Thorney Mill Road, Iver, Buckinghamshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: Riverscroft, Chertsey Road, SHEPPERTON, Middlesex, TW17 9NY Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 2nd February 1981 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste: Asbestos Cement Or Sheet Only Calcium Hydroxide Construction And Demolition Wastes Empty Used Containers Excavated Natural Materials \$ Ind. Non-Haz. Waste Metal Scrap Polymeric Material, Products/Scrap Tar, Pitch, Bitumen, Asphalts Prohibited Waste: Biodegradable/Putrescible Waste Poisonous, Noxious, Polluting Wastes Environment Agency Waste N.O.S must give specific authorisation for this waste to be accepted Waste requires prior approval</p>	A12SE (W)	377	2	505190 179837
281	<p>Registered Landfill Sites</p> <p>Licence Holder: Goodman Price Barnes & Partners Ltd Licence Reference: DL053 Site Location: The Copse, Thorney Mill Road, West Drayton, Middlesex Licence Easting: 505400 Licence Northing: 179500 Operator Location: As Site Address Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st March 1979 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Construction Ind. Wastes Notifiable Wastes Putrescible Waste Special Wastes</p>	A8NW (SW)	409	2	505400 179500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
282	<p>Registered Landfill Sites</p> <p> Licence Holder: Goodman Price Barnes & Partners Ltd Licence Reference: DL047 Site Location: Old Mill, Thorney Mill Road, West Drayton, Middlesex Licence Easting: 505300 Licence Northing: 179500 Operator Location: As Site Address Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st December 1978 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Inert Constr/N/Demol. Waste Prohibited Waste: Notifiable Wastes Putrescible Waste Special Wastes </p>	A8NW (SW)	459	2	505300 179500
283	<p>Registered Landfill Sites</p> <p> Licence Holder: Goodman Price Ltd Licence Reference: 106 Site Location: Thorney Mill, Thorney, Iver, Buckinghamshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: 1 King Edwards Road, HACKNEY, London, E9 Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 28th July 1977 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste: Asbestos Cement & Sheet Calcium Hydroxide Empty Used Containers Excavated Natural Materials \$ Ind. Non-Haz. Waste Metal Scrap Polymeric Material, Products/Scrap Tar, Pitch, Bitumen, Asphalts Prohibited Waste: Biodegradable/Putrescible Waste Poisonous, Noxious, Polluting Wastes Environment Agency Waste N.O.S must give specific authorisation for this waste to be accepted Waste requires prior approval </p>	A12SE (W)	544	2	505020 179845

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
284	<p>Registered Landfill Sites</p> <p> Licence Holder: S Grundon (Hayes) Ltd Licence Reference: 372 Site Location: Thorney Farm (C), Thorney Mill Road, Iver, Buckinghamshire Licence Easting: 504600 Licence Northing: 179900 Operator Location: Goulds Grove, Ewelme, WALLINGFORD, Oxfordshire, OX10 6PJ Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st July 1992 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Accuracy: Not Applicable Authorised Waste: Chalk, Clay, Gravel, Stone, Sand Similar Mat'L In Natural State Topsoil, Subsoil Prohibited Waste: Contaminated Soil Difficult Wastes Fibrous Forms Of Asbestos Food/Foodstuffs General Builders Rubble High-Dens/Hard/Bonded/Cement Asbestos Poisonous, Noxious, Polluting Wastes Soil Ex Sites Where Contam. Expected Special Wastes Waste N.O.S. </p>	A12NW (W)	861	2	504700 179900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
285	<p>Registered Landfill Sites</p> <p>Licence Holder: Hall Aggregates Ltd Licence Reference: 128 Site Location: Larbourne Farm, Thorneymill Road, Iver, Buckinghamshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: RMC House, High Street, Feltham, HOUNSLOW, Middlesex, TW13 4HA Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 21st December 1977 Preceded By: Not Given Licence: Superseded By: Not Given Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste: Cement Asbestos Only Civic Amenity/Refuse Amenity Waste Commercial Waste Construction And Demolition Wastes Contaminated Rubbish/Bags/Sacks Empty Used Containers Excavated Natural Materials \$ Ind. Non-Haz. Waste Max. Waste Permitted By Licence(Stated) Metal Scrap Mineral Processing Wastes Paint Waste \$ Pharmaceuticals In Retail Cont'Rs \$ Polymeric Material, Products/Scrap Scrap Rubber (Including Tyres) Silt And Dredgings Slag, Boiler/Flue Cleanings Soaps & Detergents Synthetic Adhesive Wastes Tar, Pitch, Bitumen, Asphalts Waste Treated Timber Prohibited Waste: Animal And Food Wastes Biodegradable/Putrescible Waste Mineral Oils Phenols, Analogues/Derivatives Poisonous, Noxious, Polluting Wastes Sewage Environment Agency Waste N.O.S. must give specific authorisation for this waste to be accepted Waste requires prior approval</p>	A7NE (SW)	899	2	504909 179262

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
286	<p>Registered Waste Treatment or Disposal Sites</p> <p> Licence Holder: Drayton Recycling Ltd Licence Reference: 259 Site Location: Old Mill Sidings, Thorney Mill Road, WEST DRAYTON, Middlesex, UB7 7EZ Operator Location: As Site Address Authority: Environment Agency - Thames Region, North East Area Site Category: Scrapyard Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 2nd March 1994 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Scrap Met.As S.M.Deal'Rs Act'64 &App A Prohibited Waste: Flammable Solvents Flammable Waste Fl.Pt < 40 C Liquid/Slurry/Sludge Wastes Mat'L Contain.Fibr.Forms Of Asbestos Mat'L Containing Toxic Materials Mat'L Reacts Violently W. Water Or Air Mat'L. Containing Water Soluble Mat'L. Mat'Ls.Contain.Pcb'S/Oth. Intract.Chem Metal In Fine Powder Form Percussive/Explosive/Similar Waste Phenols, Analogues/Derivatives Poisonous, Noxious, Polluting Wastes Special Wastes N.O.S. Sub'S Control. Radioactive Subs Act'60 Waste N.O.S. </p>	A12SE (SW)	508	2	505144 179595
287	<p>Registered Waste Treatment or Disposal Sites</p> <p> Licence Holder: Sweeney Environmental Ltd Licence Reference: WML80420 Site Location: Trout Lane Depot, Yiewsley, WEST DRAYTON, Middlesex, UB7 7XE Operator Location: Trout Lane Depot, Yiewsley, WEST DRAYTON, Middlesex, UB7 7XE Authority: Environment Agency - Thames Region, North East Area Site Category: Transfer - with treatment Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 29th November 1999 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: Lwra Cat. Bii General Scrap Metal Waste Lwra Cat. A Inert Waste Lwra Cat. Bi General Non-Putrescible Waste Maximum Storage Of Processed Concrete/Hardcore Maximum Storage Of Processed Soils Maximum Storage Of Waste Other Waste/Waste Not Otherwise Specified </p>	A17NE (NW)	913	2	505205 180746

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
288	Notification of Installations Handling Hazardous Substances (NIHHS) Name: Bardon London Limited Location: Thorney Mill Road, WEST DRAYTON, Middlesex, UB7 7EZ Status: Not Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	711	9	505137 179308
289	Planning Hazardous Substance Consents Name: Bardon Roadstone Ltd Location: Thorney Mill Road, West Drayton, Middlesex, Ub7 7ez Authority: London Borough of Hillingdon Application Ref: Hs/92/0001/Dc Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Liquefied petroleum gas held at >1.4 bar where amount held is greater than or equal to 25 tonnes Maximum Quantity: 80 Application date: 7th November 1992 Decision: Deemed consent granted between June 1992 and November 1992Granted Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	711	10	505140 179305
289	Planning Hazardous Substance Consents Name: Bardon Roadstone Limited Location: Thorney Mill Road, WEST DRAYTON, Middlesex, UB7 7EZ Authority: South Buckinghamshire District Council (now part of Buckinghamshire Council), Development Control Department Application Ref: Hs/92/0001/Dc Hazardous Substance: Combination of Dangerous Substances Maximum Quantity: 80 Application date: 18th September 1992 Decision: Deemed consent granted between June 1992 and November 1992Granted Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	712	11	505137 179307
290	Planning Hazardous Substance Consents Name: Ministry Of Defence Location: West Drayton, Warwick Road, West Drayton, Middlesex, Ub7 9bz Authority: London Borough of Hillingdon Application Ref: 30/8/2336/57ch/02 Hazardous Substance: Unknown at time of report Maximum Quantity: 0 Application date: 18th August 1995 Decision: Unknown at time of reportUnknown Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	871	10	506446 180004

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	A13NW (SW)	0	1	505571 179892
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A13NW (SW)	0	1	505571 179892
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A13SW (SW)	235	1	505448 179671
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic no data Concentration: Cadmium <1.8 mg/kg Concentration: Chromium no data Concentration: Lead Concentration: <100 mg/kg Nickel no data Concentration:	A13NE (NE)	299	1	505802 180107
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12NE (W)	360	1	505209 179983
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (W)	361	1	505212 180000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A12SE (W)	376	1	505191 179836

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: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NE (W)	563	1	505037 180113
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic no data Concentration: Cadmium <1.8 mg/kg Concentration: Chromium no data Concentration: Lead Concentration: 100 - 200 mg/kg Nickel no data Concentration:	A18SW (N)	591	1	505571 180500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 90 - 120 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A7NE (SW)	748	1	505160 179246
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic no data Concentration: Cadmium <1.8 mg/kg Concentration: Chromium no data Concentration: Lead Concentration: <100 mg/kg Nickel no data Concentration:	A9NW (SE)	769	1	506000 179236
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A12NW (W)	838	1	504723 179892
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil and Sediment Arsenic 25 - 35 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SW (S)	872	1	505571 179000

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: Rural Soil Arsenic no data Concentration: Cadmium <1.8 mg/kg Concentration: Chromium no data Concentration: Lead Concentration: <100 mg/kg Nickel no data Concentration:	A8SW (S)	884	1	505238 179053
291	BGS Recorded Mineral Sites Site Name: West Drayton Rail Depot Location: West Drayton, Hillingdon, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 190935 Type: Rail Depot Status: Active Operator: Tarmac (A Crh Company) Operator Location: Not Supplied Periodic Type: Not Available Geology: Quarry (Hard Rock) Commodity: Crushed Rock Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	256	1	505450 180135
292	BGS Recorded Mineral Sites Site Name: West Drayton Gravel Pit Location: West Drayton, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 245471 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A13SW (S)	329	1	505455 179564
293	BGS Recorded Mineral Sites Site Name: Thorney Mill Lane Gravel Pit Location: Thorney, Iver, Buckinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 18974 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	457	1	505245 179550
294	BGS Recorded Mineral Sites Site Name: Rooks Farm Gravel Pit Location: West Drayton, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 79048 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Langley Silt Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14NW (E)	588	1	506157 180017
295	BGS Recorded Mineral Sites Site Name: Thorney Mill Lane Gravel Pit Location: Thorney, Iver, Buckinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 18973 Type: Opencast Status: Ceased Operator: Goodman, Price Ltd. Operator Location: Not Supplied Periodic Type: Quaternary Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	617	1	505000 179635

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
296	BGS Recorded Mineral Sites Site Name: Trout Lane Gravel Pit Location: Iver, Buckinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 18969 Type: Opencast Status: Ceased Operator: William Boyer & Sons Ltd. Operator Location: Not Supplied Periodic Type: Quaternary Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	637	1	505110 180355
297	BGS Recorded Mineral Sites Site Name: Trout Villa Gravel Pit Location: Cowley Peachey, Yiewsley, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 19756 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	804	1	505185 180615
298	BGS Recorded Mineral Sites Site Name: West Drayton Gravel Pit Location: West Drayton, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 245463 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	808	1	505101 179214
299	BGS Recorded Mineral Sites Site Name: Fray'S River Gravel Pit Location: Cowley Peachey, Yiewsley, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 19754 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Wollstonian Geology: Lynch Hill Gravel Member (River Thames Gravel) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A18NW (N)	954	1	505395 180845
300	BGS Recorded Mineral Sites Site Name: West Drayton Gravel Pit Location: West Drayton, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 245461 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	965	1	505149 179004
301	BGS Recorded Mineral Sites Site Name: Egglesey Farm Gravel Pit Location: Thorney, Iver, Buckinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 245473 Type: Opencast Status: Ceased Operator: William Boyer & Sons Ltd. Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	967	1	505011 179082

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
302	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Trout Lane Gravel Pit Location: Iver, Buckinghamshire Source: British Geological Survey, National Geoscience Information Service Reference: 18968 Type: Opencast Status: Ceased Operator: William Boyer & Sons Ltd. Operator Location: Not Supplied Periodic Type: Quaternary Geology: Shepperton Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m</p>	A17SW (NW)	990	1	504770 180500
	<p>BGS Measured Urban Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service Grid: 505826, 179765 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 15.90 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 63.30 mg/kg Concentration: Lead Measured 463.70 mg/kg Concentration: Nickel Measured 33.40 mg/kg Concentration:</p>	A13SE (SE)	272	1	505826 179765
	<p>BGS Measured Urban Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service Grid: 505251, 179817 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 15.90 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 58.50 mg/kg Concentration: Lead Measured 164.90 mg/kg Concentration: Nickel Measured 48.10 mg/kg Concentration:</p>	A13SW (W)	322	1	505251 179817
	<p>BGS Measured Urban Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service Grid: 505730, 180268 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 16.40 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 67.80 mg/kg Concentration: Lead Measured 121.30 mg/kg Concentration: Nickel Measured 26.20 mg/kg Concentration:</p>	A18SE (NE)	390	1	505730 180268
	<p>BGS Measured Urban Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service Grid: 505308, 180353 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 14.60 mg/kg Concentration: Cadmium Measured 3.70 mg/kg Concentration: Chromium Measured 91.70 mg/kg Concentration: Lead Measured 104.30 mg/kg Concentration: Nickel Measured 36.40 mg/kg Concentration:</p>	A18SW (NW)	515	1	505308 180353

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 506199, 179782 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 23.90 mg/kg Concentration: Cadmium Measured 0.90 mg/kg Concentration: Chromium Measured 64.60 mg/kg Concentration: Lead Measured 396.70 mg/kg Concentration: Nickel Measured 31.00 mg/kg Concentration:	A14SW (E)	625	1	506199 179782
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 505790, 179282 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 20.40 mg/kg Concentration: Cadmium Measured 1.00 mg/kg Concentration: Chromium Measured 76.00 mg/kg Concentration: Lead Measured 365.50 mg/kg Concentration: Nickel Measured 30.70 mg/kg Concentration:	A8NE (S)	630	1	505790 179282
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 505305, 179251 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 17.80 mg/kg Concentration: Cadmium Measured 2.80 mg/kg Concentration: Chromium Measured 101.20 mg/kg Concentration: Lead Measured 105.20 mg/kg Concentration: Nickel Measured 57.10 mg/kg Concentration:	A8NW (S)	675	1	505305 179251
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 506249, 180258 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 21.20 mg/kg Concentration: Cadmium Measured 0.80 mg/kg Concentration: Chromium Measured 75.60 mg/kg Concentration: Lead Measured 544.70 mg/kg Concentration: Nickel Measured 39.30 mg/kg Concentration:	A19SE (NE)	757	1	506249 180258
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 504733, 180144 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 18.40 mg/kg Concentration: Cadmium Measured 0.50 mg/kg Concentration: Chromium Measured 68.80 mg/kg Concentration: Lead Measured 257.50 mg/kg Concentration: Nickel Measured 31.80 mg/kg Concentration:	A12NW (W)	861	1	504733 180144

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 506179, 179252 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 9.80 mg/kg Concentration: Cadmium Measured 0.30 mg/kg Concentration: Chromium Measured 69.70 mg/kg Concentration: Lead Measured 68.70 mg/kg Concentration: Nickel Measured 15.90 mg/kg Concentration:	A9NW (SE)	870	1	506179 179252
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 505882, 180798 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 16.70 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 60.70 mg/kg Concentration: Lead Measured 163.80 mg/kg Concentration: Nickel Measured 22.30 mg/kg Concentration:	A18NE (N)	940	1	505882 180798
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 505363, 180835 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 29.30 mg/kg Concentration: Cadmium Measured 1.60 mg/kg Concentration: Chromium Measured 105.10 mg/kg Concentration: Lead Measured 789.40 mg/kg Concentration: Nickel Measured 55.60 mg/kg Concentration:	A18NW (N)	951	1	505363 180835
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: London Count Id: 7209 Arsenic Minimum 1.00 mg/kg Concentration: Arsenic Average 17.00 mg/kg Concentration: Arsenic Maximum 161.00 mg/kg Concentration: Cadmium Minimum 0.10 mg/kg Concentration: Cadmium Average 0.90 mg/kg Concentration: Cadmium Maximum 165.20 mg/kg Concentration: Chromium Minimum 13.00 mg/kg Concentration: Chromium Average 79.00 mg/kg Concentration: Chromium Maximum 2094.00 mg/kg Concentration: Lead Minimum 11.00 mg/kg Concentration: Lead Average 280.00 mg/kg Concentration: Lead Maximum 10000.00 mg/kg Concentration: Nickel Minimum 2.00 mg/kg Concentration: Nickel Average 28.00 mg/kg Concentration: Nickel Maximum 506.00 mg/kg Concentration:	A13NW (SW)	0	1	505571 179892

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	505571 179892
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	91	1	505571 180000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	235	1	505448 179671
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	505571 179892
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	91	1	505571 180000
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	181	1	505569 180090
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	505571 179892
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	91	1	505571 180000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	505571 179892
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	91	1	505571 180000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	505571 179892
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	91	1	505571 180000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	181	1	505569 180090
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	235	1	505448 179671
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (SW)	0	1	505571 179892
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	91	1	505571 180000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	188	1	505771 179894
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	235	1	505448 179671
	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	A13NW (SW)	0	1	505571 179892

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Radon Potential - Radon Protection Measures</p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A13NW (SW)	0	1	505571 179892

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
303	Contemporary Trade Directory Entries Name: M & R Metals Location: 35, Lawn Avenue, West Drayton, Middlesex, UB7 7AQ Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	133	-	505498 179760
304	Contemporary Trade Directory Entries Name: B N H Air Conditioning & Refrigeration Location: 46, Fairway Avenue, West Drayton, Middlesex, UB7 7AN Classification: Refrigeration Equipment - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	143	-	505621 180046
305	Contemporary Trade Directory Entries Name: Baldwins Crane Hire Location: The Old Coal Depot, Tavistock Rd, West Drayton, Middlesex, UB7 7QT Classification: Crane Hire, Sales & Service Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (N)	260	-	505629 180164
305	Contemporary Trade Directory Entries Name: T Powell & Son Location: The Old Coal Depot, Tavistock Road, West Drayton, Middlesex, UB7 7QT Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (N)	261	-	505629 180165
305	Contemporary Trade Directory Entries Name: West London Pallets Ltd Location: The Old Coal Depot, Tavistock Road, West Drayton, Middlesex, UB7 7QT Classification: Pallets, Crates & Packing Cases Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (N)	261	-	505629 180165
305	Contemporary Trade Directory Entries Name: Bucks Transport Services Location: The Old Coal Depot, Tavistock Road, West Drayton, Middlesex, UB7 7QT Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (N)	261	-	505629 180165
306	Contemporary Trade Directory Entries Name: Canopy Repairs Ltd Location: West Drayton Coal Depot, Tavistock Road, West Drayton, UB7 7TL Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	268	-	505705 180145
306	Contemporary Trade Directory Entries Name: Cpl Distribution Location: West Drayton Coal Depot, Tavistock Road, West Drayton, Middlesex, UB7 7SH Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	269	-	505706 180146
306	Contemporary Trade Directory Entries Name: Antigrime Location: West Drayton Coal Depot, Tavistock Road, West Drayton, Middlesex, UB7 7SH Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	269	-	505706 180146
307	Contemporary Trade Directory Entries Name: Frays Motors Location: 53, Frays Avenue, West Drayton, Middlesex, UB7 7AG Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	275	-	505569 179597
308	Contemporary Trade Directory Entries Name: Almar Industrial Supplies Ltd Location: 54, Ferrers Avenue, West Drayton, Middlesex, UB7 7AB Classification: Vacuum Cleaners, Industrial & Commercial - Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	292	-	505840 179749

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
308	Contemporary Trade Directory Entries Name: At Your Disposal Location: 58, Ferrers Avenue, West Drayton, Middlesex, UB7 7AB Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	294	-	505832 179730
309	Contemporary Trade Directory Entries Name: S Simmonds Brickwork Location: 47, Old Farm Road, West Drayton, Middlesex, UB7 7LE Classification: Brick Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	323	-	505792 179639
309	Contemporary Trade Directory Entries Name: Angels Cleaning & Ironing Services Location: 27, Old Farm Road, West Drayton, Middlesex, UB7 7LE Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	370	-	505834 179615
310	Contemporary Trade Directory Entries Name: Thames Valley Vulcanising Services Location: Care Of Celtic Energy, Tavistock Rd, West Drayton, Middlesex, UB7 7QT Classification: Conveyors & Conveyor Belts Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	364	-	505763 180222
310	Contemporary Trade Directory Entries Name: A E M Location: Tavistock Road, West Drayton, Middlesex, UB7 7SH Classification: Commercial Vehicle Bodybuilders & Repairers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SE (NE)	369	-	505755 180233
310	Contemporary Trade Directory Entries Name: Dig It Or Skip It Location: The Cole Depo, Taverstock Road, West Drayton, Middlesex, UB7 7SH Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SE (NE)	383	-	505741 180256
311	Contemporary Trade Directory Entries Name: Incentive Forwarding Ltd Location: 21, Ferrers Avenue, West Drayton, UB7 7AA Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	365	-	505948 179866
312	Contemporary Trade Directory Entries Name: Chahal Dairy Ltd Location: Tavistock Rd, West Drayton, Middlesex, UB7 7QX Classification: Dairies Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	375	-	505852 180164
312	Contemporary Trade Directory Entries Name: H & T Salvage Repairs Location: Tavistock Works, Tavistock Road, West Drayton, UB7 7QX Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	403	-	505857 180200
312	Contemporary Trade Directory Entries Name: Comag Location: Tavistock Road, West Drayton, Middlesex, UB7 7QE Classification: Distribution Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	404	-	505858 180200
312	Contemporary Trade Directory Entries Name: Comag Location: Tavistock Road, West Drayton, Middlesex, UB7 7QE Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	404	-	505858 180200
312	Contemporary Trade Directory Entries Name: Connoisseur Magazine Location: Tavistock Road, West Drayton, Middlesex, UB7 7QE Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	404	-	505858 180200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
312	Contemporary Trade Directory Entries Name: Cosmopolitan Magazine Location: Tavistock Road, West Drayton, Middlesex, UB7 7QE Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	404	-	505858 180200
312	Contemporary Trade Directory Entries Name: She Magazine Location: Tavistock Road, West Drayton, Middlesex, UB7 7QE Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	404	-	505858 180200
312	Contemporary Trade Directory Entries Name: Harpers & Queen Magazine Location: Tavistock Road, West Drayton, Middlesex, UB7 7QE Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	404	-	505858 180200
313	Contemporary Trade Directory Entries Name: Ashville Concrete Location: Unit 5, Link Park Heathrow, Thorney Mill Road, West Drayton, UB7 7EZ Classification: Concrete & Mortar Ready Mixed Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	388	-	505255 179644
314	Contemporary Trade Directory Entries Name: R T Office Cleaning Location: 4, Ferrers Avenue, West Drayton, UB7 7AA Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	392	-	505970 179950
315	Contemporary Trade Directory Entries Name: Bucks Transport Services Ltd Location: Tavistock Rd, West Drayton, Middlesex, UB7 7QT Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	402	-	505908 180138
315	Contemporary Trade Directory Entries Name: Langley Building Supplies Ltd Location: The Old Coalyard, Tavistock Rd, West Drayton, Middlesex, UB7 7QT Classification: Builders' Merchants Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NW (NE)	411	-	505923 180132
316	Contemporary Trade Directory Entries Name: Quality Cleaning Ltd Location: 14, Swan Road, West Drayton, Middlesex, UB7 7JY Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	409	-	505983 179802
317	Contemporary Trade Directory Entries Name: A D G Plumbing & Heating Services Location: 30, Tavistock Road, West Drayton, Middlesex, UB7 7QZ Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	413	-	505738 180290
318	Contemporary Trade Directory Entries Name: Bristan Motor Sales Location: Colham Mill Road, West Drayton, Middlesex, UB7 7AE Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	418	-	505960 180078
318	Contemporary Trade Directory Entries Name: Premier Clean Location: Bristan House, Colham Mill Road, West Drayton, Middlesex, UB7 7AE Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	418	-	505960 180078
318	Contemporary Trade Directory Entries Name: Standby Power Ltd Location: 3 Station Rd, West Drayton, Middlesex, UB7 7BT Classification: Generators - Sales & Service Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NW (E)	433	-	505990 180042

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
318	Contemporary Trade Directory Entries Name: The Ironing Shop Location: 3 Station Rd, West Drayton, Middlesex, UB7 7BT Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NW (E)	434	-	505987 180052
318	Contemporary Trade Directory Entries Name: West Drayton Coal Depot Location: Tavistock Road, West Drayton, Middlesex, UB7 7QU Classification: Coal Companies Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	435	-	505957 180123
319	Contemporary Trade Directory Entries Name: Original Copy Centre Location: 12, Station Road, West Drayton, Middlesex, UB7 7BY Classification: Copying & Duplicating Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	420	-	505983 180020
319	Contemporary Trade Directory Entries Name: Original Copy Centre Location: 12, Station Road, West Drayton, Middlesex, UB7 7BY Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	420	-	505983 180020
320	Contemporary Trade Directory Entries Name: Ocean Dry Cleaners Location: 38, Station Road, West Drayton, UB7 7DD Classification: Dry Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	439	-	506019 179940
320	Contemporary Trade Directory Entries Name: Roses Dry Cleaners Location: 38, Station Road, West Drayton, Middlesex, UB7 7DD Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	440	-	506020 179941
321	Contemporary Trade Directory Entries Name: J Norman Location: The Walnut Plant Yard, Trout Road, West Drayton, UB7 7RS Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	445	-	505601 180353
321	Contemporary Trade Directory Entries Name: Hillingdon Auto'S Location: The Walnuts, Trout Road, West Drayton, Middlesex, UB7 7RS Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	450	-	505576 180359
321	Contemporary Trade Directory Entries Name: Walnuts Car Centre Location: The Walnuts, Trout Road, West Drayton, Middlesex, UB7 7RS Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	450	-	505576 180359
321	Contemporary Trade Directory Entries Name: Fernley Transport Location: Marshalls Yard, Trout Road, Yiewsley, West Drayton, UB7 7RS Classification: Road Haulage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	470	-	505567 180379
321	Contemporary Trade Directory Entries Name: Custom Werks Location: Marshalls Yard, Trout Road, West Drayton, Middlesex, UB7 7RS Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SW (N)	471	-	505567 180380
321	Contemporary Trade Directory Entries Name: I Atkins Ltd Location: Marshalls Yard, Trout Road, West Drayton, Middlesex, UB7 7RS Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SW (N)	471	-	505567 180380

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
322	Contemporary Trade Directory Entries Name: Gee'S Location: 21, Station Road, West Drayton, UB7 7BT Classification: Firework Stockists Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	453	-	506026 179984
322	Contemporary Trade Directory Entries Name: Mydentist Station Road West Drayton Location: 11, STATION ROAD, WEST DRAYTON, UB7 7BT Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	453	-	506020 180008
322	Contemporary Trade Directory Entries Name: Gee'S Location: 21, Station Road, West Drayton, Middlesex, UB7 7BT Classification: Firework Stockists Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	454	-	506027 179984
322	Contemporary Trade Directory Entries Name: Callprint Ltd Location: 11, Warwick Road, West Drayton, Middlesex, UB7 9BT Classification: Copying & Duplicating Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	488	-	506052 180026
322	Contemporary Trade Directory Entries Name: New Life Autos Location: Kitchener House, Warwick Road, West Drayton, Middlesex, UB7 9BS Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (E)	523	-	506083 180044
322	Contemporary Trade Directory Entries Name: Bigs Wheels Mobile Service Location: Unit 2,Kitchener House,Warwick Rd, West Drayton, Middlesex, UB7 9BS Classification: Exhaust & Shock Absorber Centres Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (E)	523	-	506083 180043
322	Contemporary Trade Directory Entries Name: Uk Copiers Online Ltd Location: Kitchener House, Warwick Road, West Drayton, Middlesex, UB7 9BS Classification: Copying & Duplicating Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (E)	523	-	506083 180044
323	Contemporary Trade Directory Entries Name: J & C Garages Location: Tavistock Rd, West Drayton, Middlesex, UB7 7QT Classification: Commercial Vehicle Bodybuilders & Repairers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NW (NE)	453	-	505964 180145
323	Contemporary Trade Directory Entries Name: Thames Valley Vulcanising Services Location: Tavistock Rd, West Drayton, Middlesex, UB7 7QT Classification: Conveyors & Conveyor Belts Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NW (NE)	453	-	505964 180145
323	Contemporary Trade Directory Entries Name: Unigate Dairies Crest Ltd Location: Tavistock Road, West Drayton, Middlesex, UB7 7QX Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	456	-	505940 180187
323	Contemporary Trade Directory Entries Name: B & S Showcards Location: Padcroft Works,Tavistock Rd, West Drayton, Middlesex, UB7 7QX Classification: Print Finishers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	470	-	505952 180193
323	Contemporary Trade Directory Entries Name: Brover & Co Location: Padcroft Works, Tavistock Road, West Drayton, Middlesex, UB7 7QX Classification: Garage Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	471	-	505953 180194

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
324	Contemporary Trade Directory Entries Name: Wash Vac & Tumble Location: 1, Tavistock Road, West Drayton, Middlesex, UB7 7QT Classification: Washing Machines - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	470	-	505983 180148
324	Contemporary Trade Directory Entries Name: N G Engineering Solutions Limited Location: 9a, High Street, Yiewsley, West Drayton, Middlesex, UB7 7QG Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	483	-	505992 180157
325	Contemporary Trade Directory Entries Name: Printer Repair Service Ltd Location: 3, Broadway Parade, Station Road, West Drayton, UB7 7DE Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	477	-	506057 179943
325	Contemporary Trade Directory Entries Name: John Mills Office Equipment Ltd Location: 1 Broadway Pde, Station Rd, West Drayton, Middlesex, UB7 7DE Classification: Office Furniture & Equipment Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (E)	481	-	506062 179934
325	Contemporary Trade Directory Entries Name: Raison Hardware Ltd Location: 41, Station Road, West Drayton, Middlesex, UB7 7LN Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	495	-	506078 179905
325	Contemporary Trade Directory Entries Name: West Drayton Launderette Location: 59a-61a, Station Road, West Drayton, Middlesex, UB7 7LR Classification: Laundries & Launderettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	517	-	506100 179884
325	Contemporary Trade Directory Entries Name: J M S Generators Location: Station Parade, Station Road, West Drayton, Middlesex, UB7 7LR Classification: Generators - Sales & Service Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14SW (E)	526	-	506109 179875
325	Contemporary Trade Directory Entries Name: M J Edwards Location: 63, Station Road, West Drayton, Middlesex, UB7 7LR Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	526	-	506109 179875
325	Contemporary Trade Directory Entries Name: Extra Cleaning Location: 6, Cherry Orchard, West Drayton, Middlesex, UB7 7JR Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	535	-	506117 179920
325	Contemporary Trade Directory Entries Name: Extra Cleaning Location: 6, Cherry Orchard, West Drayton, UB7 7JR Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	535	-	506117 179920
326	Contemporary Trade Directory Entries Name: Belectric Uk Location: Thorney Weir House, Thorney Mill Road, Iver, SL0 9AQ Classification: Electricity Generating & Distributing Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	510	-	505052 179941
327	Contemporary Trade Directory Entries Name: T I G I (Ireland) Ltd Location: Unit 1, Globe House, Bentinck Road, West Drayton, Middlesex, UB7 7RQ Classification: Distribution Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	513	-	505964 180247

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
327	Contemporary Trade Directory Entries Name: R J Caraco Location: Unit 9, Globe Court, Bentinck Road, West Drayton, Middlesex, UB7 7RQ Classification: Tool Design, Manufacturers & Makers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	513	-	505964 180247
328	Contemporary Trade Directory Entries Name: Autobody Location: Unit 1, Trout Rd, West Drayton, Middlesex, UB7 7RT Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	521	-	505565 180430
328	Contemporary Trade Directory Entries Name: New Look Autos Ltd Location: Yard 1a Trout Road, West Drayton, Middlesex, UB7 7SN Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	532	-	505536 180439
328	Contemporary Trade Directory Entries Name: Carmaxx Ltd Location: 1a Trout Road, West Drayton, Middlesex, UB7 7SN Classification: Car Dealers - Used Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	536	-	505560 180445
329	Contemporary Trade Directory Entries Name: Integrated Electronic Systems Ltd Location: 11a Global Court, Bentinck Road, West Drayton, Middlesex, UB7 7RQ Classification: Electronic Equipment - Manufacturers & Assemblers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	531	-	505923 180313
330	Contemporary Trade Directory Entries Name: Floors & Walls Location: 28, The Green, West Drayton, Middlesex, UB7 7PQ Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	544	-	505807 179384
330	Contemporary Trade Directory Entries Name: Imagin London Location: 28, The Green, West Drayton, Middlesex, UB7 7PQ Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	544	-	505807 179384
330	Contemporary Trade Directory Entries Name: Preservation Co Uk Ltd Location: 28, The Green, West Drayton, UB7 7PQ Classification: Damp & Dry Rot Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	544	-	505807 179383
330	Contemporary Trade Directory Entries Name: Plug & Socket Electrical Location: 28, The Green, West Drayton, Middlesex, UB7 7PQ Classification: Electricity Companies Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	544	-	505807 179384
331	Contemporary Trade Directory Entries Name: Edwil Plastics Machinery Co Location: Unit 8, Bentinck Court, Bentinck Road, West Drayton, Middlesex, UB7 7RQ Classification: Plastics - Machinery & Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	549	-	505874 180371
331	Contemporary Trade Directory Entries Name: Motas Workshop Location: Unit 8, Bentinck Court, Bentinck Road, West Drayton, Middlesex, UB7 7RQ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	549	-	505874 180371
331	Contemporary Trade Directory Entries Name: Jet Priority Services Location: Bentinck Court, Bentinck Road, West Drayton, Middlesex, UB7 7RQ Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	555	-	505904 180358

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
331	Contemporary Trade Directory Entries Name: T L Autos Location: Unit 11, Bentinck Court, Bentinck Road, West Drayton, Middlesex, UB7 7RQ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	559	-	505859 180392
332	Contemporary Trade Directory Entries Name: For Your Recovery Only Location: 1, Station Approach, West Drayton, Middlesex, UB7 9DY Classification: Breakdown and Recovery Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	553	-	506087 180124
333	Contemporary Trade Directory Entries Name: Portable Air Conditioning Solutions Ltd Location: 10, Warwick Road, West Drayton, Middlesex, UB7 9BZ Classification: Air Conditioning Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (E)	560	-	506129 180011
334	Contemporary Trade Directory Entries Name: Merck Pharmaceutical Location: Harrier House, 19-21, High Street, Yiewsley, West Drayton, Middlesex, UB7 7QG Classification: Pharmaceutical Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	561	-	506035 180233
335	Contemporary Trade Directory Entries Name: Luke'S Kingdom Location: Meadow Cottage, Trout Road, West Drayton, Middlesex, UB7 7RT Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	562	-	505584 180471
335	Contemporary Trade Directory Entries Name: Towerways Ltd Location: Meadow Cottage, Trout Road, West Drayton, Middlesex, UB7 7RT Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	562	-	505584 180471
335	Contemporary Trade Directory Entries Name: Abc Cars Location: Meadow Cottage, Trout Road, West Drayton, Middlesex, UB7 7RT Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	562	-	505584 180471
335	Contemporary Trade Directory Entries Name: Immediate Pest Control Location: Meadow Cottage, Trout Road, West Drayton, Middlesex, UB7 7RT Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	562	-	505584 180471
335	Contemporary Trade Directory Entries Name: Heathrow Automotive Centre Location: Meadow Cottage, Trout Road, West Drayton, Middlesex, UB7 7RT Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	562	-	505584 180471
335	Contemporary Trade Directory Entries Name: Auto Service Centre Location: Unit 4, Meadow Cottages, Trout Road, Yiewsley, West Drayton, UB7 7RT Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A18SE (N)	602	-	505594 180511
335	Contemporary Trade Directory Entries Name: West London Self Storage Location: Unit 4, Meadow Cottages, Trout Road, Yiewsley, West Drayton, UB7 7RT Classification: Storage & Shelving Systems Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (N)	602	-	505594 180511

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
336	Contemporary Trade Directory Entries Name: Lance Owen At West Drayton Location: 70, Station Road, West Drayton, Middlesex, UB7 7DZ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	568	-	506144 179792
336	Contemporary Trade Directory Entries Name: West Automotives Location: 70, Station Road, West Drayton, Middlesex, UB7 7JS Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (E)	568	-	506144 179792
336	Contemporary Trade Directory Entries Name: Tom James (Uk) Ltd Location: Albany House,71-79 Station Rd, West Drayton, Middlesex, UB7 7LT Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SW (E)	571	-	506153 179852
336	Contemporary Trade Directory Entries Name: West Drayton Printing Co Location: 91 Station Rd, West Drayton, Middlesex, UB7 7LT Classification: Printers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SW (E)	588	-	506169 179830
337	Contemporary Trade Directory Entries Name: Abb Vetc Gray Ltd Location: Unit 5, Britannia Court, The Green, West Drayton, Middlesex, UB7 7PN Classification: Oil & Gas Exploration Supplies & Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	585	-	505962 179439
337	Contemporary Trade Directory Entries Name: Vetco Gray Location: Unit 5, Britannia Court, The Green, West Drayton, Middlesex, UB7 7PN Classification: Oil & Gas Exploration Supplies & Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	585	-	505962 179439
338	Contemporary Trade Directory Entries Name: Hortlands Location: Unit 7b Orchard Cottage, Thorney Mill Road, Iver, Buckinghamshire, SL0 9AN Classification: Horticultural Equipment Maintenance & Repair Status: Active Positional Accuracy: Manually positioned to the address or location	A12NE (W)	585	-	504977 179947
338	Contemporary Trade Directory Entries Name: Auto Body Shop Location: Orchard Cottage, Thorney Mill Road, Iver, Buckinghamshire, SL0 9AQ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	594	-	504967 179907
338	Contemporary Trade Directory Entries Name: Commercial Services Location: Orchard Cottage, Thorney Mill Road, Iver, Buckinghamshire, SL0 9AQ Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	594	-	504967 179907
338	Contemporary Trade Directory Entries Name: Jones Of Hayes Location: Orchard Cottage, Thorney Mill Road, Iver, Buckinghamshire, SL0 9AQ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	594	-	504967 179907
338	Contemporary Trade Directory Entries Name: Swain'S Services Ltd Location: Orchard Cottage, Thorney Mill Road, Iver, Buckinghamshire, SL0 9AQ Classification: Commercial Vehicle Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	594	-	504967 179907
338	Contemporary Trade Directory Entries Name: Britannia Car Sales Ltd Location: Orchard Cottage, Thorney Mill Road, Iver, SL0 9AQ Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	594	-	504967 179907

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
338	Contemporary Trade Directory Entries Name: Approved Vehicle Services Location: ORCHARD COTTAGE, THORNEY MILL ROAD, IVER, SL0 9AQ Classification: Car Body Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A12NE (W)	594	-	504967 179907
338	Contemporary Trade Directory Entries Name: L & R Motor Services Location: Orchard Cottage, Thorney Mill Road, Iver, Buckinghamshire, SL0 9AQ Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	594	-	504967 179907
339	Contemporary Trade Directory Entries Name: Double M Location: St. Stephens Road, West Drayton, Middlesex, UB7 7RL Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	598	-	505891 180418
339	Contemporary Trade Directory Entries Name: M & R Motors Ltd Location: 20, St. Stephens Road, West Drayton, Middlesex, UB7 7RL Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	627	-	505911 180440
339	Contemporary Trade Directory Entries Name: Steve'S Classic & Performance Auto Shop Location: 20, St. Stephens Road, West Drayton, Middlesex, UB7 7RL Classification: Car Customisation & Conversion Specialists Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	627	-	505911 180440
339	Contemporary Trade Directory Entries Name: Eltec Location: 18, St. Stephens Road, West Drayton, Middlesex, UB7 7RL Classification: Blast Cleaning Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	635	-	505919 180445
340	Contemporary Trade Directory Entries Name: Uxbridge Press Ltd Location: 2-6, Horton Road, West Drayton, Middlesex, UB7 8ED Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	601	-	506086 180229
340	Contemporary Trade Directory Entries Name: Crystal Cleaning Enterprise Ltd Location: Horton Parade, West Drayton, Middlesex, UB7 8EJ Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	614	-	506123 180191
340	Contemporary Trade Directory Entries Name: Camair Location: Horton Parade, West Drayton, Middlesex, UB7 8EJ Classification: Air Compressors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	614	-	506123 180191
340	Contemporary Trade Directory Entries Name: Crystal Cleaning Co Location: Bignell House, Horton Parade, Horton Road, West Drayton, Middlesex, UB7 8EP Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	614	-	506123 180191
340	Contemporary Trade Directory Entries Name: Impression Location: 1, Horton Parade, Horton Road, West Drayton, UB7 8EP Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	618	-	506103 180234

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
340	Contemporary Trade Directory Entries Name: Tool Selection 4 U Ltd Location: 1, Horton Parade, Horton Road, West Drayton, Middlesex, UB7 8EP Classification: Hardware Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	618	-	506104 180234
340	Contemporary Trade Directory Entries Name: Impression UK Location: Horton Parade, Horton Road, West Drayton, UB7 8EN Classification: Printers - Glass, Metal, Plastics Etc. Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	629	-	506114 180237
340	Contemporary Trade Directory Entries Name: Camair Location: 10, Horton Road, West Drayton, Middlesex, UB7 8EA Classification: Air Compressors Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	646	-	506132 180240
341	Contemporary Trade Directory Entries Name: Drayton Recycling Ltd Location: Thorney Mill Road, West Drayton, Middlesex, UB7 7EZ Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	603	-	505136 179453
342	Contemporary Trade Directory Entries Name: Beetles By Thingamies Location: St. Stephens Lodge, St. Stephens Road, West Drayton, UB7 7RL Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	606	-	505953 180385
343	Contemporary Trade Directory Entries Name: Trico Ltd Location: Unit 9, Britannia Court, The Green, West Drayton, Middlesex, UB7 7PN Classification: Car Accessories Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	608	-	505936 179388
344	Contemporary Trade Directory Entries Name: Ultimate Print Solutions Ltd Location: Bignell House, Horton Parade, Horton Road, WEST DRAYTON, Middlesex, UB7 8EP Classification: Lithographic Plate Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	614	-	506123 180191
344	Contemporary Trade Directory Entries Name: Kingsway Press Ltd Location: Horton Parade, Horton Road, West Drayton, Middlesex, UB7 8EN Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	650	-	506169 180180
345	Contemporary Trade Directory Entries Name: Envirowaste Ltd Location: Trout Road, West Drayton, Middlesex, UB7 7SA Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SE (NE)	630	-	505828 180487
346	Contemporary Trade Directory Entries Name: Jet Location: 1, Mill Road, West Drayton, UB7 7EQ Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	646	-	505777 179261
346	Contemporary Trade Directory Entries Name: Jet Service Station Location: 1 Mill Road, West Drayton, Middlesex, UB7 7EQ Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	646	-	505777 179261

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
346	Contemporary Trade Directory Entries Name: Jet Petrol Station Location: 1, MILL ROAD, WEST DRAYTON, UB7 7EQ Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	646	-	505777 179261
347	Contemporary Trade Directory Entries Name: Aggregate Industries Location: Thorney Mill Road, WEST DRAYTON, Middlesex, UB7 7EZ Classification: Quarries Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	647	-	505223 179326
348	Contemporary Trade Directory Entries Name: Centurian Services Location: 18, Mill Road, West Drayton, Middlesex, UB7 7EQ Classification: Asphalt & Coated Macadam Laying Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	666	-	505679 179216
348	Contemporary Trade Directory Entries Name: Centurian Services Location: 18, Mill Road, West Drayton, Middlesex, UB7 7EQ Classification: Asphalt & Coated Macadam Laying Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (S)	666	-	505679 179216
348	Contemporary Trade Directory Entries Name: Mill Road Service Station Location: Mill Road Service Station, Mill Road, West Drayton, UB7 7EQ Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (S)	686	-	505636 179190
349	Contemporary Trade Directory Entries Name: C M F Location: 26-36 Horton Road, West Drayton, Middlesex, UB7 8JE Classification: Metal Products - Fabricated Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	676	-	506195 180185
350	Contemporary Trade Directory Entries Name: One Autocare Location: Unit 4 Rainbow Ind Est, Trout Rd, West Drayton, Middlesex, UB7 7XT Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SE (NE)	686	-	505870 180530
350	Contemporary Trade Directory Entries Name: D J Engineering Co Location: Unit 4, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	687	-	505871 180530
350	Contemporary Trade Directory Entries Name: Drayton Transformers Ltd Location: Unit 21, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Transformer Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	687	-	505871 180530
350	Contemporary Trade Directory Entries Name: A & G Plastics Ltd Location: Unit 20, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	687	-	505871 180530
350	Contemporary Trade Directory Entries Name: S C Screen Print Location: Unit 16, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Screen Process Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	687	-	505871 180530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
350	Contemporary Trade Directory Entries Name: Rainbow Quality Metal Polishing Location: Unit 35, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Metal Finishing Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	687	-	505871 180530
350	Contemporary Trade Directory Entries Name: Uk Trucking Location: Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	687	-	505871 180530
350	Contemporary Trade Directory Entries Name: The West London Print Co Ltd Location: Unit 1, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	687	-	505871 180530
350	Contemporary Trade Directory Entries Name: Knowlton Plastics Location: Unit 3, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	687	-	505871 180530
350	Contemporary Trade Directory Entries Name: Chalfont Precision Engineering Location: Unit 43, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	687	-	505871 180530
350	Contemporary Trade Directory Entries Name: Bags Unlimited Location: Unit 17,19,Rainbow Ind Est,Trout Rd, West Drayton, Middlesex, UB7 7XT Classification: Bags, Belts & Accessories - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SE (NE)	687	-	505871 180530
350	Contemporary Trade Directory Entries Name: Feltham Hydraulic Supplies Location: Unit 2, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Hydraulic Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	687	-	505871 180530
350	Contemporary Trade Directory Entries Name: Glendale Pest Control Location: Unit 8B,Rainbow Ind Est, West Drayton, Middlesex, UB7 7XT Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SE (NE)	687	-	505871 180530
350	Contemporary Trade Directory Entries Name: My Repro Location: Unit 20, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	687	-	505871 180530
350	Contemporary Trade Directory Entries Name: Seamless Industries Location: Unit 8, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Metal Finishing Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SE (NE)	687	-	505871 180530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
350	Contemporary Trade Directory Entries Name: Strobe Electrical Location: Unit 7, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	687	-	505871 180530
350	Contemporary Trade Directory Entries Name: Swiss Freight Ltd Location: Unit 28, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Freight Forwarders Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18SE (NE)	687	-	505871 180530
350	Contemporary Trade Directory Entries Name: Smis Enterprises Location: Rainbow Ind Est, Trout Rd, West Drayton, Middlesex, UB7 7XT Classification: Leather Garments & Products Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A18SE (NE)	687	-	505871 180530
350	Contemporary Trade Directory Entries Name: Connex Body Work Ltd Location: Unit 25, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	687	-	505871 180530
350	Contemporary Trade Directory Entries Name: Connex Body Work Location: Unit 4, Rainbow Industrial Estate, Trout Road, West Drayton, Middlesex, UB7 7XT Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18SE (NE)	687	-	505871 180530
351	Contemporary Trade Directory Entries Name: Hpc Location: Unit 6, Onslow Mills, Trout Road, West Drayton, Middlesex, UB7 7RR Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	693	-	505774 180573
351	Contemporary Trade Directory Entries Name: Imposing Images Ltd Location: Unit 6, Onslow Mills, Trout Road, West Drayton, Middlesex, UB7 7RR Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	693	-	505774 180573
351	Contemporary Trade Directory Entries Name: Ridgeway Architectural Glazing Ltd Location: Unit 6, Onslow Mills, Trout Road, West Drayton, Middlesex, UB7 7RR Classification: Aluminium Fabricators Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	693	-	505774 180573
351	Contemporary Trade Directory Entries Name: Chips Away Location: Onslow Mills, Trout Road, West Drayton, UB7 7RR Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	695	-	505771 180576
351	Contemporary Trade Directory Entries Name: J S Auto Centre Location: Onslow Mills, Trout Road, West Drayton, UB7 7RR Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	695	-	505771 180576
351	Contemporary Trade Directory Entries Name: J'S M O T Station Location: Onslow Mills, Trout Road, West Drayton, UB7 7RR Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	695	-	505771 180576

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
352	Contemporary Trade Directory Entries Name: Enterpirse Flexi Rent Location: 155, THORNEY MILL ROAD, IVER, UB7 7EZ Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	693	-	505222 179272
353	Contemporary Trade Directory Entries Name: Wildcard Worldwide Location: 4b St. Stephens Rd, West Drayton, Middlesex, UB7 7RL Classification: Freight Forwarders Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	697	-	505978 180480
354	Contemporary Trade Directory Entries Name: Universal Dry Cleaners Location: 85, High Street, Yiewsley, West Drayton, Middlesex, UB7 7QH Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	706	-	506070 180415
354	Contemporary Trade Directory Entries Name: Mackwhite Ltd Location: 85, High Street, Yiewsley, West Drayton, Middlesex, UB7 7QH Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	706	-	506070 180415
355	Contemporary Trade Directory Entries Name: Jesel Motors Ltd Location: Unit 6, Kirby Estate, Trout Road, West Drayton, UB7 7RU Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	714	-	505922 180535
355	Contemporary Trade Directory Entries Name: Metalmatics Ltd Location: Unit 6, Kirby Estate, Trout Road, West Drayton, Middlesex, UB7 7RU Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	715	-	505922 180536
355	Contemporary Trade Directory Entries Name: Heathrow Shuttle Location: Unit 6 Kirby Industrial Estate, Trout Road, Yiewsley, West Drayton, Middlesex, UB7 7RU Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	719	-	505935 180533
355	Contemporary Trade Directory Entries Name: Trout Tool Co Ltd Location: Kirby Estate, Trout Road, West Drayton, Middlesex, UB7 7TE Classification: Press Tool Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	724	-	505918 180548
355	Contemporary Trade Directory Entries Name: Trout Tool Co Ltd Location: Kirby Estate, Trout Road, WEST DRAYTON, Middlesex, UB7 7TE Classification: Press Tool Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	724	-	505918 180548
355	Contemporary Trade Directory Entries Name: Zenith Blinds Ltd Location: Kirby Estate, Trout Road, West Drayton, Middlesex, UB7 7TE Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	724	-	505918 180548
355	Contemporary Trade Directory Entries Name: Trout Ltd Location: Kirby Estate, Trout Road, West Drayton, Middlesex, UB7 7TE Classification: Engineering Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	724	-	505918 180548

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
355	Contemporary Trade Directory Entries Name: Trout Tool Co Ltd Location: Kirby Estate, Trout Road, West Drayton, Middlesex, UB7 7TE Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	724	-	505918 180548
355	Contemporary Trade Directory Entries Name: Autobody Finesse Ltd Location: Unit 5, Kirby Estate, Trout Road, Yiewsley, West Drayton, UB7 7RU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A19SW (NE)	726	-	505920 180549
355	Contemporary Trade Directory Entries Name: Unlimited Auto Service Location: 4b, St. Stephens Road, West Drayton, UB7 7RL Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	735	-	505955 180540
355	Contemporary Trade Directory Entries Name: Bas Logistics Ltd Location: Fairfield House, Kirby Estate, Trout Road, West Drayton, Middlesex, UB7 7RU Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	765	-	505925 180590
356	Contemporary Trade Directory Entries Name: Kleen Up Cleaners Location: 17, St. Martins Road, West Drayton, Middlesex, UB7 7EP Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	718	-	505485 179160
357	Contemporary Trade Directory Entries Name: S T C Service Station Location: B P Service Station, Station Road, West Drayton, Middlesex, UB7 7ND Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14SE (E)	730	-	506292 179713
357	Contemporary Trade Directory Entries Name: Sky Park Garage Ltd Location: 127, Station Road, West Drayton, UB7 7ND Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	737	-	506301 179718
357	Contemporary Trade Directory Entries Name: Heathrow Motor House Location: 127, STATION ROAD, WEST DRAYTON, UB7 7ND Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A14SE (E)	737	-	506301 179718
357	Contemporary Trade Directory Entries Name: Texaco Location: 127, Station Road, West Drayton, Middlesex, UB7 7ND Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	745	-	506309 179721
357	Contemporary Trade Directory Entries Name: Texaco Location: Station Road, West Drayton, Middlesex, UB7 7ND Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14SE (E)	745	-	506305 179702
357	Contemporary Trade Directory Entries Name: R & R Cars Ltd Location: 127, Station Road, West Drayton, Middlesex, UB7 7ND Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	745	-	506309 179721
358	Contemporary Trade Directory Entries Name: G W Chapman & Sons Location: Caxton House, Trout Road, West Drayton, Middlesex, UB7 7TQ Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	735	-	505852 180591

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
358	Contemporary Trade Directory Entries Name: Tempur Uk Location: Caxton Point, Printing House Lane, Hayes, UB3 1AP Classification: Bed & Mattress Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	735	-	505851 180591
358	Contemporary Trade Directory Entries Name: Matbry Ltd Location: Matbry Ltd, Kirby Estate, Trout Road, West Drayton, UB7 7RU Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (NE)	747	-	505880 180592
358	Contemporary Trade Directory Entries Name: Swan Motors Location: Trout Road, West Drayton, Middlesex, UB7 7TG Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (NE)	765	-	505890 180607
358	Contemporary Trade Directory Entries Name: Swan Motors Location: Trout Road, WEST DRAYTON, Middlesex, UB7 7TG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (NE)	765	-	505890 180607
359	Contemporary Trade Directory Entries Name: R H Jones Location: 4, Trout Road, West Drayton, Middlesex, UB7 7RN Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	745	-	505750 180634
360	Contemporary Trade Directory Entries Name: Drayton Auto Techniks Location: 127a, High Street, Yiewsley, West Drayton, UB7 7QL Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	768	-	505995 180554
360	Contemporary Trade Directory Entries Name: Gasp Location: 123-125, High Street, Yiewsley, West Drayton, Middlesex, UB7 7QL Classification: Toiletries Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	777	-	506017 180550
360	Contemporary Trade Directory Entries Name: V F M Auto Sales Location: 123-125, High Street, Yiewsley, West Drayton, Middlesex, UB7 7QL Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	777	-	506017 180550
360	Contemporary Trade Directory Entries Name: M T Motors Location: High St, Yiewsley, West Drayton, Middlesex, UB7 7QL Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	778	-	506035 180538
360	Contemporary Trade Directory Entries Name: J & L Carpet Cleaning Services Location: 136, High Street, West Drayton, Middlesex, UB7 7BD Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	810	-	506047 180570
360	Contemporary Trade Directory Entries Name: Kim Agencies Location: 146, High Street, West Drayton, Middlesex, UB7 7BD Classification: Gas Appliances - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	822	-	506036 180592
361	Contemporary Trade Directory Entries Name: Pulse Developments (England) Ltd Location: Trout Road, West Drayton, Middlesex, UB7 7RN Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A18NE (N)	776	-	505839 180640

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
361	Contemporary Trade Directory Entries Name: D R Precision Engineering Location: Trout Road, West Drayton, Middlesex, UB7 7RN Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A18NE (N)	776	-	505839 180640
362	Contemporary Trade Directory Entries Name: Ace Photo Lab Location: 116, High Street, West Drayton, Middlesex, UB7 7BB Classification: Photographic Processors Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	779	-	506065 180517
362	Contemporary Trade Directory Entries Name: Sweet Dreams Location: 116, High Street, West Drayton, Middlesex, UB7 7BB Classification: Bed & Mattress Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	779	-	506065 180517
363	Contemporary Trade Directory Entries Name: Transite Art Marketing Project Ltd Location: 1, Knowles Close, West Drayton, UB7 8LY Classification: Greeting Card Publishers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (NE)	780	-	506295 180215
364	Contemporary Trade Directory Entries Name: Aggregate Industries Location: Thorney Mill Road, West Drayton, Middlesex, UB7 7EZ Classification: Quarries Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A8SW (S)	785	-	505294 179137
365	Contemporary Trade Directory Entries Name: Hygienic Environmental Engineering Services Location: Chantry House, 2, Chantry Close, West Drayton, Middlesex, UB7 7QS Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	808	-	505804 180685
366	Contemporary Trade Directory Entries Name: Americana Location: Fairfield Rd, West Drayton, Middlesex, UB7 8EY Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	812	-	506141 180494
367	Contemporary Trade Directory Entries Name: Siebe Climate Controls Ltd Location: Chantry Works, Chantry Close, West Drayton, Middlesex, UB7 7SP Classification: Central Heating Supplies & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	820	-	505734 180714
368	Contemporary Trade Directory Entries Name: R J Cleaners Location: 148, High Street, West Drayton, Middlesex, UB7 7BD Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	826	-	506035 180598
368	Contemporary Trade Directory Entries Name: Stokke Uk Ltd Location: 154-156, High Street, Yiewsley, West Drayton, Middlesex, UB7 7BE Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	834	-	506028 180611
369	Contemporary Trade Directory Entries Name: J Y Recovery Location: 47, Colham Avenue, West Drayton, Middlesex, UB7 8EU Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	857	-	506289 180388
369	Contemporary Trade Directory Entries Name: Popeys Transport Location: 65, Colham Avenue, WEST DRAYTON, Middlesex, UB7 8EU Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	874	-	506284 180424

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
370	Contemporary Trade Directory Entries Name: Continental Tyres Location: Continental House, 191, High Street, Yiewsley, West Drayton, UB7 7XW Classification: Tyre Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	862	-	505899 180709
370	Contemporary Trade Directory Entries Name: R E G (Uk) Location: Continental House, 191, High Street, Yiewsley, West Drayton, Middlesex, UB7 7XW Classification: Recycling Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	862	-	505900 180709
371	Contemporary Trade Directory Entries Name: Specialised Cargo Services Ltd Location: Fraxer Works, 71a, Colham Avenue, West Drayton, Middlesex, UB7 8EU Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	878	-	506264 180457
371	Contemporary Trade Directory Entries Name: Derek Geere Freight Ltd Location: Fraxer Works, 71a, Colham Avenue, West Drayton, Middlesex, UB7 8EU Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	878	-	506264 180457
372	Contemporary Trade Directory Entries Name: Gofers Printing Co Location: Colham House, 18a, Colham Avenue, West Drayton, Middlesex, UB7 8HF Classification: Screen Process Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	881	-	506345 180343
373	Contemporary Trade Directory Entries Name: Jubilee Enterprises Ltd Location: 45, Fairfield Road, West Drayton, Middlesex, UB7 8EY Classification: Generators - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	881	-	506209 180524
373	Contemporary Trade Directory Entries Name: Jubilee Power Plant Location: 45, Fairfield Road, Yiewsley, West Drayton, UB7 8EY Classification: Generators - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	881	-	506209 180524
373	Contemporary Trade Directory Entries Name: My Dream Home Uk Ltd Location: 30 Fairfield Road, Yiewsley, West Drayton, Middlesex, UB7 8EX Classification: Builders' Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	901	-	506251 180507
373	Contemporary Trade Directory Entries Name: Raydale Car Centre Location: 30, Fairfield Road, West Drayton, Middlesex, UB7 8EX Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	902	-	506252 180508
373	Contemporary Trade Directory Entries Name: Grange Carriages Ltd Location: 30, Fairfield Road, West Drayton, Middlesex, UB7 8EX Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	902	-	506252 180508
374	Contemporary Trade Directory Entries Name: Dpc European Transport Location: 95, Thorney Mill Road, Iver, Buckinghamshire, SL0 9AH Classification: Commercial Vehicle Breakdown & Recovery Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	897	-	504786 179435

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
375	Contemporary Trade Directory Entries Name: Mania 4 Minis (Mini Mania) Location: 85, Thorney Mill Road, IVER, Buckinghamshire, SL0 9AH Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	908	-	504750 179482
375	Contemporary Trade Directory Entries Name: Slough Car Servicing Location: 85, Thorney Mill Road, Iver, SL0 9AH Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	910	-	504749 179478
376	Contemporary Trade Directory Entries Name: Tony'S Scrapcar Recycling Location: 59, Admiralty Close, West Drayton, Middlesex, UB7 9NG Classification: Recycling Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	928	-	506503 180004
377	Contemporary Trade Directory Entries Name: Total Location: Falling La, West Drayton, Middlesex, UB7 8AA Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location	A19NW (NE)	928	-	505962 180754
377	Contemporary Trade Directory Entries Name: Falling Lane Service Station Location: Falling La, West Drayton, Middlesex, UB7 8AA Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Manually positioned to the address or location	A19NW (NE)	928	-	505962 180754
377	Contemporary Trade Directory Entries Name: F L C Location: Falling Lane, West Drayton, Middlesex, UB7 8AA Classification: Car Dealers - Used Status: Active Positional Accuracy: Manually positioned within the geographical locality	A19NW (NE)	958	-	505968 180784
378	Contemporary Trade Directory Entries Name: Cape Industrial Services Plc Location: Drayton Hall, Church Road, West Drayton, Middlesex, UB7 7PS Classification: Industrial Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	931	-	506392 179427
378	Contemporary Trade Directory Entries Name: Ferring Pharmaceuticals Location: Drayton Hall, Church Road, West Drayton, Middlesex, UB7 7PS Classification: Pharmaceutical Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A9NE (SE)	931	-	506392 179427
378	Contemporary Trade Directory Entries Name: United Biscuits (Uk) Ltd Location: Church Road, West Drayton, Middlesex, UB7 7PR Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NE (SE)	931	-	506392 179427
379	Contemporary Trade Directory Entries Name: J & V Motor Co Location: 61 Fairfield Rd, West Drayton, Middlesex, UB7 8EZ Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	932	-	506266 180537
379	Contemporary Trade Directory Entries Name: Mikes Motors Location: 61 Fairfield Rd, West Drayton, Middlesex, UB7 8EZ Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A19SE (NE)	932	-	506266 180538
379	Contemporary Trade Directory Entries Name: Rapid Fit Location: 61a Fairfield Road, Yiewsley, West Drayton, Middlesex, UB7 8EZ Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A19SE (NE)	933	-	506267 180538

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
379	Contemporary Trade Directory Entries Name: Patersons Location: A, 61, Fairfield Road, West Drayton, Middlesex, UB7 8EZ Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	933	-	506267 180538
380	Contemporary Trade Directory Entries Name: D & B Crash Repairs Location: 217, High Street, Yiewsley, West Drayton, UB7 7GN Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	939	-	505714 180838
380	Contemporary Trade Directory Entries Name: D & B Crash Repairs Location: 217, High Street, Yiewsley, West Drayton, UB7 7GN Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NE (N)	939	-	505714 180838
380	Contemporary Trade Directory Entries Name: D & B Crash Repairs Location: 217, High Street, Yiewsley, West Drayton, Middlesex, UB7 7GN Classification: Car Body Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NE (N)	940	-	505715 180839
381	Contemporary Trade Directory Entries Name: D K Tools Ltd Location: Unit 1-2 North Point Business Centre, Horton Road, Yiewsley, West Drayton, Middlesex, UB7 8EQ Classification: Tool Design, Manufacturers & Makers Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	946	-	506470 180223
382	Contemporary Trade Directory Entries Name: Shell (Uk) Ltd Location: 209, High Street, Yiewsley, West Drayton, Middlesex, UB7 7QP Classification: Petrol Filling Stations - 24 Hour Status: Inactive Positional Accuracy: Manually positioned to the address or location	A18NE (N)	950	-	505798 180833
382	Contemporary Trade Directory Entries Name: Shell Location: 209, HIGH STREET, YIEWSLEY, WEST DRAYTON, UB7 7QP Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A18NE (N)	954	-	505789 180839
382	Contemporary Trade Directory Entries Name: Rpl Business Systems Plc Location: R P L House, 215, High Street, Yiewsley, West Drayton, Middlesex, UB7 7QP Classification: Photocopiers Status: Inactive Positional Accuracy: Automatically positioned in the proximity of the address	A18NE (N)	989	-	505831 180865
383	Contemporary Trade Directory Entries Name: Olympic Pools Location: Yiewsley Swimming Pool, Otterfield Road, West Drayton, Middlesex, UB7 8PE Classification: Swimming Pool Contractors, Repairers & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	951	-	506144 180674
383	Contemporary Trade Directory Entries Name: I Q L Ltd Location: Yiewsley Swimming Pool, Otterfield Road, West Drayton, Middlesex, UB7 8PE Classification: Rubber & Plastic Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NW (NE)	951	-	506144 180674
384	Contemporary Trade Directory Entries Name: Minster Location: UNIT 3, NORTH POINT BUSINESS CENTRE, HORTON ROAD, YIEWSLEY, WEST DRAYTON, UB7 8EQ Classification: Insulation Materials Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	956	-	506498 180166

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
384	Contemporary Trade Directory Entries Name: S G Express Location: Unit 4, North Point Business Centre, Horton Road, WEST DRAYTON, Middlesex, UB7 8EQ Classification: Glass Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	959	-	506511 180130
384	Contemporary Trade Directory Entries Name: Glass Solutions Solagas Ltd Location: Unit 3-4, North Point Business Centre, Horton Road, West Drayton, Middlesex, UB7 8EQ Classification: Glass Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	960	-	506504 180159
384	Contemporary Trade Directory Entries Name: Glass Solutions Location: Unit 4, North Point Business Centre, Horton Road, West Drayton, UB7 8EQ Classification: Glass Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	969	-	506521 180132
385	Contemporary Trade Directory Entries Name: Lionweb Technology Ltd Location: 40, Ruffle Close, West Drayton, Middlesex, UB7 9BP Classification: Electronic Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	956	-	506539 179887
386	Contemporary Trade Directory Entries Name: B A Motors Location: 2a, Edgar Road, West Drayton, Middlesex, UB7 8HW Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	957	-	506432 180341
386	Contemporary Trade Directory Entries Name: A & G Cleaning Location: 10, Edgar Road, West Drayton, Middlesex, UB7 8HW Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	968	-	506431 180366
387	Contemporary Trade Directory Entries Name: Car Repairs Location: 20a, Otterfield Road, West Drayton, Middlesex, UB7 8PE Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NE (NE)	973	-	506251 180612
387	Contemporary Trade Directory Entries Name: M Finlayson Location: 20a, Otterfield Road, West Drayton, Middlesex, UB7 8PE Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19NE (NE)	973	-	506251 180612
387	Contemporary Trade Directory Entries Name: Finlayson M Car Body Repairs Location: 20A, OTTERFIELD ROAD, YIEWSLEY, WEST DRAYTON, UB7 8PE Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A19NE (NE)	974	-	506251 180612
388	Contemporary Trade Directory Entries Name: Busy Birds Cleaning Services Location: 28, Kingston Lane, West Drayton, Middlesex, UB7 9EA Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SE (E)	982	-	506537 179652
389	Contemporary Trade Directory Entries Name: A1 Autos Location: Mercers Farm, Thorney Mill Road, Iver, Buckinghamshire, SL0 9AR Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	988	-	504740 179334

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
390	Fuel Station Entries Name: Star West Drayton Location: 70, Station Road, West Drayton, Outer London, UB7 7DZ Brand: OBSOLETE Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Located by supplier to within 100m	A14SW (E)	598	-	506179 179830
391	Fuel Station Entries Name: Mfg Mill Road Location: 1, Mill Road Mill Close, West Drayton, Outer London, UB7 7EQ Brand: Esso Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A8SE (S)	687	-	505634 179188
392	Fuel Station Entries Name: West Drayton Service Station Location: 127-141, Station Road, West Drayton, Outer London, UB7 7ND Brand: Gulf Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A14SE (E)	733	-	506296 179716
393	Fuel Station Entries Name: Falling Lane Service Station Location: 209, High Street Falling Lane, Yiewsley, Hillingdon, Outer London, UB7 7QP Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A18NE (N)	950	-	505798 180833
393	Fuel Station Entries Name: Shell Yiewsley Location: 209, High Street, Yiewsley, West Drayton, Outer London, UB7 7QP Brand: SHELL Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A18NE (N)	955	-	505790 180840
394	Points of Interest - Commercial Services Name: Bucks Transport Services Location: The Old Coal Depot, Tavistock Road, West Drayton, UB7 7QT Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (N)	261	12	505629 180165
395	Points of Interest - Commercial Services Name: Incentive Forwarding Ltd Location: 21 Ferrers Avenue, West Drayton, UB7 7AA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SW (E)	365	12	505948 179866
396	Points of Interest - Commercial Services Name: Canopy Repairs Ltd Location: Tavistock Road, West Drayton, UB7 7QT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	377	12	505435 180260
397	Points of Interest - Commercial Services Name: Comag Location: Tavistock Road, West Drayton, UB7 7QE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (NE)	403	12	505857 180200
397	Points of Interest - Commercial Services Name: Comag Location: Tavistock Road, West Drayton, UB7 7QE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (NE)	404	12	505858 180200
397	Points of Interest - Commercial Services Name: Comag Specialist Location: Tavistock Works, Tavistock Road, West Drayton, UB7 7QX Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (NE)	404	12	505858 180200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
397	Points of Interest - Commercial Services Name: Comag Location: Tavistock Works, Tavistock Road, West Drayton, UB7 7QE Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (NE)	404	12	505858 180200
398	Points of Interest - Commercial Services Name: Custom Werks Location: Marshalls Yard, Trout Road, West Drayton, UB7 7RS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SW (N)	432	12	505522 180337
398	Points of Interest - Commercial Services Name: J Norman Location: The Walnut Plant Yard, Trout Road, West Drayton, UB7 7RS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	445	12	505601 180353
398	Points of Interest - Commercial Services Name: Walnuts Car Centre Location: The Walnuts, Trout Road, West Drayton, UB7 7RS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	450	12	505576 180359
398	Points of Interest - Commercial Services Name: Walnuts Car Centre Location: The Walnuts, Trout Road, West Drayton, UB7 7RS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	450	12	505576 180359
398	Points of Interest - Commercial Services Name: Hillingdon Auto's Location: The Walnuts, Trout Road, West Drayton, UB7 7RS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	450	12	505576 180359
398	Points of Interest - Commercial Services Name: Fernley Transport Location: Marshalls Yard, Trout Road, West Drayton, UB7 7RS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (N)	470	12	505567 180379
398	Points of Interest - Commercial Services Name: I Atkins Ltd Location: Marshalls Yard, Trout Road, West Drayton, UB7 7RS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (N)	471	12	505567 180380
398	Points of Interest - Commercial Services Name: I Atkins Ltd Location: Marshalls Yard, Trout Road, West Drayton, UB7 7RS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SW (N)	471	12	505567 180380
399	Points of Interest - Commercial Services Name: Bucks Transport Services Ltd Location: 1a Tavistock Road, West Drayton, UB7 7QT Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (NE)	470	12	505983 180148
399	Points of Interest - Commercial Services Name: Stone Asbestos Ltd Location: 9a High Street, Yiewsley, West Drayton, UB7 7QG Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A14NW (NE)	482	12	505991 180157
399	Points of Interest - Commercial Services Name: Teamwork Express Ltd Location: 9a High Street, Yiewsley, West Drayton, UB7 7QG Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (NE)	483	12	505992 180157

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
400	Points of Interest - Commercial Services Name: New Life Autos Location: Kitchener House, Warwick Road, West Drayton, UB7 9BS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	523	12	506083 180044
400	Points of Interest - Commercial Services Name: Bigs Wheels Mobile Service Location: Unit 2, Kitchener House, Warwick Rd, West Drayton, Middlesex, UB7 9BS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	523	12	506083 180043
400	Points of Interest - Commercial Services Name: Station & Car Wash Location: Kitchener House, Warwick Road, West Drayton, UB7 9BS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	523	12	506083 180044
400	Points of Interest - Commercial Services Name: Bigs Wheels Mobile Service Location: Kitchener House, Warwick Road, West Drayton, UB7 9BS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NW (E)	523	12	506083 180044
401	Points of Interest - Commercial Services Name: Motas Workshop Location: Unit 8 Bentinck Court, Bentinck Road, West Drayton, UB7 7RQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (NE)	549	12	505874 180371
401	Points of Interest - Commercial Services Name: Motas Workshop Location: Unit 8 Bentinck Court, Bentinck Road, West Drayton, UB7 7RQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (NE)	549	12	505874 180371
401	Points of Interest - Commercial Services Name: Beetles by Thingamies Location: St. Stephens Lodge, St. Stephens Road, West Drayton, UB7 7RL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	606	12	505953 180385
401	Points of Interest - Commercial Services Name: Beetles by Thingamies Location: St. Stephens Lodge, St. Stephens Road, West Drayton, UB7 7RL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	606	12	505953 180385
402	Points of Interest - Commercial Services Name: Abc Cars Location: Meadow Cottage, Trout Road, West Drayton, UB7 7RT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	562	12	505584 180471
402	Points of Interest - Commercial Services Name: Immediate Pest Control Location: Meadow Cottage, Trout Road, West Drayton, UB7 7RT Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A18SE (N)	562	12	505584 180471
402	Points of Interest - Commercial Services Name: Autoservice Centre Location: Meadow Cottage, Trout Road, West Drayton, UB7 7RT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	562	12	505584 180471
402	Points of Interest - Commercial Services Name: Immediate Pest Control Location: Meadow Cottage, Trout Road, West Drayton, UB7 7RT Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A18SE (N)	562	12	505584 180471

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
402	Points of Interest - Commercial Services Name: Heathrow Automotive Centre Location: Meadow Cottage, Trout Road, West Drayton, UB7 7RT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	562	12	505583 180471
402	Points of Interest - Commercial Services Name: Sole Trader Na Location: Meadow Cottage, Trout Road, West Drayton, UB7 7RT Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A18SE (N)	562	12	505584 180471
402	Points of Interest - Commercial Services Name: Auto Service Centre Location: Unit 4 Meadow Cottage, Trout Road, West Drayton, UB7 7RT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (N)	602	12	505593 180511
403	Points of Interest - Commercial Services Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	589	12	505130 179480
403	Points of Interest - Commercial Services Name: Scrap Yard Location: UB7 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A7NE (SW)	592	12	505128 179477
404	Points of Interest - Commercial Services Name: Commercial Services Location: Orchard Cottage, Thorney Mill Road, Iver, SL0 9AQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	594	12	504967 179907
404	Points of Interest - Commercial Services Name: Auto Body Shop Location: Orchard Cottage, Thorney Mill Road, Iver, SL0 9AQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	594	12	504967 179907
404	Points of Interest - Commercial Services Name: Approved Vehicle Services Location: Orchard Cottage, Thorney Mill Road, Iver, SL0 9AQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	594	12	504967 179907
405	Points of Interest - Commercial Services Name: One Autocare Location: Unit 4 Rainbow Ind Est, Trout Rd, West Drayton, Middlesex, UB7 7XT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (NE)	686	12	505870 180530
405	Points of Interest - Commercial Services Name: Potn Location: Unit 30 Rainbow Industrial Estate, Trout Road, West Drayton, UB7 7XT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (NE)	687	12	505871 180530
405	Points of Interest - Commercial Services Name: Glendale Pest Control Location: Unit 8b, Rainbow Ind Est, West Drayton, Middlesex, UB7 7XT Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A18SE (NE)	687	12	505871 180530
405	Points of Interest - Commercial Services Name: Freight Systems UK Ltd Location: Unit 7 Rainbow Industrial Estate, Trout Road, West Drayton, UB7 7XT Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18SE (NE)	687	12	505871 180530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
405	Points of Interest - Commercial Services Name: Glendale Pest Control Location: Unit 8b, Rainbow Industrial Estate, Trout Road, West Drayton, UB7 7XT Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A18SE (NE)	687	12	505871 180530
405	Points of Interest - Commercial Services Name: Xtreme Hydraulics Ltd Location: Unit 30, Rainbow Industrial Estate, Trout Road, West Drayton, UB7 7XT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (NE)	687	12	505871 180530
405	Points of Interest - Commercial Services Name: Connexs Body Work Ltd Location: Unit 4, Rainbow Industrial Estate, Trout Road, West Drayton, UB7 7XT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18SE (NE)	687	12	505871 180530
405	Points of Interest - Commercial Services Name: Unlimited Auto Service Location: 4b St. Stephens Road, West Drayton, UB7 7RL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	707	12	505952 180509
405	Points of Interest - Commercial Services Name: Jesel Motors Ltd Location: Unit 6 Kirby Estate, Trout Road, West Drayton, UB7 7RU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	714	12	505922 180535
405	Points of Interest - Commercial Services Name: Autobody Finesse Ltd Location: Unit 5 Kirby Estate, Trout Road, West Drayton, UB7 7RU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	726	12	505920 180549
405	Points of Interest - Commercial Services Name: Swan Motors Location: Trout Road, West Drayton, UB7 7TG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (NE)	765	12	505890 180607
406	Points of Interest - Commercial Services Name: Mfg Mill Road Location: 1 Mill Road, Mill Close, West Drayton, UB7 7EQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SE (S)	687	12	505634 179188
406	Points of Interest - Commercial Services Name: Car Wash Location: 1 Mill Road, Mill Close, West Drayton, Middlesex, UB7 7EQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SE (S)	687	12	505634 179188
407	Points of Interest - Commercial Services Name: M & R Haulage Ltd Location: Unit 1 Link Park Heathrow, Thorney Mill Road, West Drayton, UB7 7EZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	693	12	505177 179301
407	Points of Interest - Commercial Services Name: L S D Ltd Location: Thorney Mill Sidings, Thorney Mill Road, West Drayton, UB7 7EZ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	717	12	505114 179318
408	Points of Interest - Commercial Services Name: Enterpirse Flexi Rent Location: 155 Thorney Mill Road, Iver, UB7 7EZ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NE (SW)	693	12	505222 179272

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
409	Points of Interest - Commercial Services Name: J S Auto Centre Location: Onslow Mills, Trout Road, West Drayton, UB7 7RR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	694	12	505771 180576
409	Points of Interest - Commercial Services Name: J's M O T Station Location: Onslow Mills, Trout Road, West Drayton, UB7 7RR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	694	12	505771 180576
410	Points of Interest - Commercial Services Name: Sky Park Garage Ltd Location: 127 Station Road, West Drayton, UB7 7ND Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	737	12	506298 179709
410	Points of Interest - Commercial Services Name: Rts Textiles Recyclers Location: 127-133 Station Road, West Drayton, Middlesex, UB7 7ND Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A14SE (E)	744	12	506309 179721
410	Points of Interest - Commercial Services Name: Asianic Logistics Ltd Location: 145a Station Road, West Drayton, UB7 7ND Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14SE (E)	750	12	506309 179698
410	Points of Interest - Commercial Services Name: Motorcycle 7 Location: 145a Station Road, West Drayton, UB7 7ND Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	750	12	506309 179698
411	Points of Interest - Commercial Services Name: West London Autos Ltd Location: 127 High Street, Yiewsley, West Drayton, UB7 7QL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	768	12	505995 180554
411	Points of Interest - Commercial Services Name: Drayton Auto Techniks Location: 127 High Street, Yiewsley, West Drayton, UB7 7QL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	781	12	506010 180559
411	Points of Interest - Commercial Services Name: West London Autos Ltd Location: A. 127 High Street, Yiewsley, West Drayton, UB7 7QL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	781	12	506011 180559
412	Points of Interest - Commercial Services Name: Waves Hand Car Wash Yiewsley Location: Trout Road Off Yiewsley High Street, Car Park of Tesco Store, Yiewsley, West Drayton, UB7 7GN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18NE (N)	803	12	505748 180694
412	Points of Interest - Commercial Services Name: Tesco Hand Car Wash Location: High Street, Yiewsley, West Drayton, UB7 7GN Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18NE (N)	833	12	505756 180723
413	Points of Interest - Commercial Services Name: New Look Autos Ltd Location: 1 The Pear Trees, Trout Road, West Drayton, UB7 7TR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	817	12	505870 180672

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
413	Points of Interest - Commercial Services Name: R E G Location: Continental House 191, High Street, Yiewsley, West Drayton, UB7 7XW Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A18NE (N)	862	12	505900 180709
414	Points of Interest - Commercial Services Name: Popeys Transport Location: 65 Colham Avenue, West Drayton, UB7 8EU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19SE (NE)	874	12	506284 180424
414	Points of Interest - Commercial Services Name: Popeys Transport Location: 65 Colham Avenue, West Drayton, UB7 8EU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19SE (NE)	874	12	506284 180424
414	Points of Interest - Commercial Services Name: Specialised Cargo Services Ltd Location: Frixer Works 71a, Colham Avenue, West Drayton, UB7 8EU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19SE (NE)	878	12	506264 180457
414	Points of Interest - Commercial Services Name: Safier Location: Frixer Works 71a, Colham Avenue, West Drayton, UB7 8EU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	878	12	506264 180457
414	Points of Interest - Commercial Services Name: Safier Ltd Location: Frixer Works 71a, Colham Avenue, West Drayton, UB7 8EU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	878	12	506264 180457
414	Points of Interest - Commercial Services Name: Specialised Cargo Services Ltd Location: Frixer Works 71a, Colham Avenue, West Drayton, UB7 8EU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19SE (NE)	878	12	506264 180457
415	Points of Interest - Commercial Services Name: Slough Car Servicing Location: 85 Thorney Mill Road, Iver, SL0 9AH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (SW)	911	12	504748 179477
416	Points of Interest - Commercial Services Name: Shell Car Wash Location: Car Wash at Service Station 209, High Street, Yiewsley, West Drayton, UB7 7QP Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18NE (N)	911	12	505808 180790
416	Points of Interest - Commercial Services Name: Shell Yiewsley Location: 209, High Street, Yiewsley, West Drayton, UB7 7QP Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18NE (N)	915	12	505817 180792
417	Points of Interest - Commercial Services Name: D & B Crash Repairs Ltd Location: 217 High Street, Yiewsley, West Drayton, UB7 7GN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	939	12	505714 180838
417	Points of Interest - Commercial Services Name: D & B Crash Repairs Location: 217 High Street, Yiewsley, West Drayton, UB7 7GN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	940	12	505715 180839

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
417	Points of Interest - Commercial Services Name: Car Wash Location: 209 High Street, Yiewsley, West Drayton, UB7 7QP Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A18NE (N)	955	12	505790 180840
417	Points of Interest - Commercial Services Name: D & B Crash Repairs Location: River Pinn Works, High Street, Yiewsley, West Drayton, UB7 7QP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	962	12	505658 180868
418	Points of Interest - Commercial Services Name: B A Motors Location: 2a Edgar Road, West Drayton, UB7 8HW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	957	12	506432 180341
418	Points of Interest - Commercial Services Name: B A Motors Location: 2a Edgar Road, West Drayton, UB7 8HW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SE (NE)	957	12	506432 180341
419	Points of Interest - Commercial Services Name: Finlayson M Car Body Repairs Location: 20a Otterfield Road, West Drayton, UB7 8PE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NE (NE)	973	12	506251 180612
419	Points of Interest - Commercial Services Name: M Finlayson Location: 20a Otterfield Road, West Drayton, UB7 8PE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NE (NE)	973	12	506251 180612
419	Points of Interest - Commercial Services Name: M Finlayson Location: 20a Otterfield Road, West Drayton, UB7 8PE Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19NE (NE)	973	12	506251 180612
419	Points of Interest - Commercial Services Name: S C J Transport Location: 3 Elder Close, West Drayton, UB7 8PJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A19NE (NE)	979	12	506285 180586
420	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	294	12	505604 180202
420	Points of Interest - Manufacturing and Production Name: Tanks Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	340	12	505654 180240
420	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SE (N)	341	12	505647 180243
420	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18SE (N)	342	12	505649 180244

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
421	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	399	12	505875 180175
421	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	404	12	505886 180170
422	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	421	12	505523 180326
422	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	421	12	505523 180326
422	Points of Interest - Manufacturing and Production Name: C E D Location: Civil Engineering Developments, Trout Road, West Drayton, UB7 7RS Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A18SW (N)	486	12	505545 180394
422	Points of Interest - Manufacturing and Production Name: C E D Ltd Location: Trout Road, West Drayton, UB7 7RS Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A18SW (N)	487	12	505546 180395
422	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	497	12	505546 180405
422	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	497	12	505546 180405
423	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	458	12	505226 179569
424	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	470	12	505955 180190
424	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	472	12	505963 180182
424	Points of Interest - Manufacturing and Production Name: Classique Granite Location: Unit 9 Globe Court, Bentinck Road, West Drayton, UB7 7RQ Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A19SW (NE)	513	12	505964 180247

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
424	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	536	12	505978 180265
424	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	552	12	505977 180290
424	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	552	12	505978 180289
425	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	528	12	506087 180049
425	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	528	12	506087 180048
426	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	587	12	505676 180488
426	Points of Interest - Manufacturing and Production Name: Tanks Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	609	12	505749 180493
426	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	668	12	505715 180563
427	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	594	12	505892 180413
427	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	594	12	505892 180413
427	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	606	12	505943 180393
427	Points of Interest - Manufacturing and Production Name: Rainbow Industrial Estate Location: UB7 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	636	12	505859 180479

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
428	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	602	12	506184 179849
428	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	606	12	506188 179850
429	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	615	12	506123 180193
429	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	618	12	506131 180184
429	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	641	12	506157 180182
429	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	646	12	506163 180182
429	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	663	12	506167 180213
429	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	664	12	506167 180214
429	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	672	12	506195 180175
429	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (NE)	673	12	506195 180176
430	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	629	12	505167 179388
430	Points of Interest - Manufacturing and Production Name: Tanks Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	630	12	505160 179393

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
430	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	632	12	505163 179388
430	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	635	12	505166 179381
430	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	649	12	505164 179365
431	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	652	12	505140 179381
431	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	656	12	505142 179374
431	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	656	12	505139 179377
431	Points of Interest - Manufacturing and Production Name: Tanks Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	657	12	505133 179381
431	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	660	12	505165 179350
431	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	664	12	505160 179349
431	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	665	12	505136 179368
431	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	736	12	505087 179316
432	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	662	12	506203 180125

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
433	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	671	12	505267 179273
433	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A8NW (SW)	672	12	505267 179272
434	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	677	12	505710 180573
434	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	688	12	505718 180583
435	Points of Interest - Manufacturing and Production Name: Tanks Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	713	12	505633 180620
435	Points of Interest - Manufacturing and Production Name: Tanks Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	714	12	505666 180618
435	Points of Interest - Manufacturing and Production Name: Tanks Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	736	12	505683 180637
435	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	790	12	505666 180694
435	Points of Interest - Manufacturing and Production Name: Tanks Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	838	12	505664 180743
436	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	719	12	505919 180542
436	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (NE)	729	12	505870 180577
436	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (NE)	730	12	505871 180577

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
436	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	737	12	505956 180541
436	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	737	12	505956 180541
436	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	761	12	505930 180584
436	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	761	12	505930 180584
436	Points of Interest - Manufacturing and Production Name: Works Location: UB7 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (NE)	797	12	505894 180641
436	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (NE)	798	12	505894 180642
437	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	778	12	506333 180094
438	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	878	12	506457 179970
439	Points of Interest - Manufacturing and Production Name: Tanks Location: UB8 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	879	12	505640 180786
440	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	884	12	505742 180778
440	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	885	12	505780 180771
440	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	901	12	505773 180789

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
440	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	903	12	505736 180798
440	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	905	12	505789 180789
441	Points of Interest - Manufacturing and Production Name: Tank Location: SL0 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	890	12	504671 179877
442	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14SE (E)	932	12	506486 179655
443	Points of Interest - Manufacturing and Production Name: Tank Location: UB7 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	946	12	506528 179938
443	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	956	12	506538 179935
443	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	962	12	506536 180019
444	Points of Interest - Manufacturing and Production Name: Works Location: UB8 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	977	12	505671 180882
444	Points of Interest - Manufacturing and Production Name: River Pinn Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	978	12	505671 180883
445	Points of Interest - Public Infrastructure Name: Weirs Location: UB7 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	215	12	505768 180009
445	Points of Interest - Public Infrastructure Name: Weirs Location: UB7 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	219	12	505772 180010
446	Points of Interest - Public Infrastructure Name: T Powell & Son Location: The Old Coal Depot, Tavistock Road, West Drayton, UB7 7QT Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A13NE (N)	261	12	505629 180165

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
447	Points of Interest - Public Infrastructure Name: At Your Disposal Location: 58 Ferrers Avenue, West Drayton, UB7 7AB Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A13SE (SE)	294	12	505832 179730
448	Points of Interest - Public Infrastructure Name: P H S Wastetech Location: Coal Yard, Tavistock Road, West Drayton, UB7 7QX Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A14NW (NE)	436	12	505921 180177
449	Points of Interest - Public Infrastructure Name: Weir Location: SL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	514	12	505047 179899
449	Points of Interest - Public Infrastructure Name: Weir Location: SL0 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	517	12	505044 179900
450	Points of Interest - Public Infrastructure Name: Sludge Lagoon Location: UB7 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	526	12	505201 180289
451	Points of Interest - Public Infrastructure Name: West Drayton Rail Station Location: Warwick Road, UB7 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A14NW (E)	573	12	506121 180090
451	Points of Interest - Public Infrastructure Name: West Drayton Station Location: Warwick Road, UB7 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A14NW (E)	573	12	506121 180090
452	Points of Interest - Public Infrastructure Name: Sludge Lagoon Location: UB7 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A17SE (NW)	595	12	505229 180398
453	Points of Interest - Public Infrastructure Name: Jet Location: 1 Mill Road, West Drayton, UB7 7EQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8NE (S)	646	12	505777 179261
453	Points of Interest - Public Infrastructure Name: Jet Service Station Location: 1 Mill Road, West Drayton, UB7 7EQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8NE (S)	646	12	505777 179261
453	Points of Interest - Public Infrastructure Name: Jet Petrol Station Location: 1 Mill Road, West Drayton, UB7 7EQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8NE (S)	646	12	505777 179261
454	Points of Interest - Public Infrastructure Name: Murco Petroleum Location: Mill Road Service Station, Mill Road, West Drayton, UB7 7EQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SE (S)	686	12	505634 179190

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
454	Points of Interest - Public Infrastructure Name: Mill Road Murco Service Station Location: 1 Mill Road, West Drayton, Middlesex, UB7 7EQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SE (S)	686	12	505634 179189
454	Points of Interest - Public Infrastructure Name: Mill Road Service Station Location: Mill Road, West Drayton, UB7 7EQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SE (S)	687	12	505634 179188
454	Points of Interest - Public Infrastructure Name: Mfg Mill Road Location: 1 Mill Road, Mill Close, West Drayton, UB7 7EQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SE (S)	687	12	505634 179188
455	Points of Interest - Public Infrastructure Name: Sluice Location: UB7 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	687	12	505417 179202
455	Points of Interest - Public Infrastructure Name: Sluice Location: UB7 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	690	12	505412 179200
455	Points of Interest - Public Infrastructure Name: Weir Location: UB7 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	773	12	505404 179117
455	Points of Interest - Public Infrastructure Name: Weir Location: UB7 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	776	12	505400 179115
456	Points of Interest - Public Infrastructure Name: Heathrow Shuttle Location: Unit 6, Kirby Estate, Trout Road, West Drayton, UB7 7RU Category: Public Transport, Stations and Infrastructure Class Code: Bus and Coach Stations, Depots and Companies Positional Accuracy: Positioned to address or location	A19SW (NE)	714	12	505922 180535
457	Points of Interest - Public Infrastructure Name: West Drayton Service Station Location: 127-141 Station Road, West Drayton, UB7 7ND Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (E)	733	12	506296 179716
457	Points of Interest - Public Infrastructure Name: Texaco Location: Station Road, West Drayton, UB7 7ND Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (E)	735	12	506298 179717
457	Points of Interest - Public Infrastructure Name: West Drayton Service Station Location: Station Road, West Drayton, UB7 7ND Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (E)	744	12	506309 179721
457	Points of Interest - Public Infrastructure Name: Texaco Petrol Station Location: 127 Station Road, West Drayton, UB7 7ND Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SE (E)	745	12	506309 179721

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
458	Points of Interest - Public Infrastructure Name: Tesco Petrol Filling Station Location: 1a Fairfield Road, West Drayton, UB7 8EY Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19SW (NE)	785	12	506096 180498
459	Points of Interest - Public Infrastructure Name: R E G Location: Continental House 191, High Street, Yiewsley, West Drayton, UB7 7XW Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A18NE (N)	862	12	505900 180709
459	Points of Interest - Public Infrastructure Name: Falling Lane Service Station Location: Falling Lane, West Drayton, Middlesex, UB7 8AA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A19NW (NE)	933	12	505960 180760
460	Points of Interest - Public Infrastructure Name: Refuse Tip Location: UB7 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	909	12	505087 180680
460	Points of Interest - Public Infrastructure Name: Refuse Tip Location: UB7 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A17NE (NW)	913	12	505076 180678
461	Points of Interest - Public Infrastructure Name: Shell (UK) Ltd Location: 209 High Street, Yiewsley, West Drayton, UB7 7QP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NE (N)	950	12	505798 180833
461	Points of Interest - Public Infrastructure Name: Shell Location: Service Station 209, High Street, Yiewsley, West Drayton, UB7 7QP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NE (N)	954	12	505789 180839
461	Points of Interest - Public Infrastructure Name: Shell Yiewsley Location: 209 High Street, Yiewsley, West Drayton, UB7 7QP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NE (N)	954	12	505789 180840
461	Points of Interest - Public Infrastructure Name: Tesco Filling Station Location: 33, High Street, Cowley, Uxbridge, UB8 2HL Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NE (N)	955	12	505790 180840
461	Points of Interest - Public Infrastructure Name: Shell Yiewsley Location: 209, High Street, Yiewsley, West Drayton, UB7 7QP Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A18NE (N)	955	12	505790 180840
462	Points of Interest - Recreational and Environmental Name: Play Area Location: UB7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NW (E)	480	12	506036 180051
463	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	787	12	506121 179312

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
463	Points of Interest - Recreational and Environmental Name: Playground Location: Nr Pippins Close, UB7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	787	12	506121 179312
464	Points of Interest - Recreational and Environmental Name: Play Area Location: UB7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	848	12	506055 180610
465	Points of Interest - Recreational and Environmental Name: Skatepark Location: UB7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	899	12	506079 180655
465	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	963	12	506116 180708
465	Points of Interest - Recreational and Environmental Name: Playground Location: UB7 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	964	12	506117 180708
466	Underground Electrical Cables Unique Feature 10006008 Identifier: Cable Status: Commissioned Cable Type: Alternating Current Record Last 9th January 2023 Updated:	A7NE (SW)	725	13	505217 179238
467	Underground Electrical Cables Unique Feature 10007926 Identifier: Cable Status: Commissioned Cable Type: Alternating Current Record Last 9th January 2023 Updated:	A7NE (SW)	732	13	505211 179233
468	Underground Electrical Cables Unique Feature 10006007 Identifier: Cable Status: Commissioned Cable Type: Alternating Current Record Last 9th January 2023 Updated:	A7NE (SW)	776	13	505061 179286
469	Underground Electrical Cables Unique Feature 10006022 Identifier: Cable Status: Commissioned Cable Type: Alternating Current Record Last 9th January 2023 Updated:	A7NE (SW)	798	13	505009 179304
470	Underground Electrical Cables Unique Feature 10007928 Identifier: Cable Status: Commissioned Cable Type: Alternating Current Record Last 9th January 2023 Updated:	A8SW (S)	832	13	505349 179070
471	Underground Electrical Cables Unique Feature 10006947 Identifier: Cable Status: Commissioned Cable Type: Alternating Current Record Last 9th January 2023 Updated:	A8SW (S)	836	13	505359 179063

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
472	Areas of Adopted Green Belt Authority: London Borough of Hillingdon Plan Name: Proposal Map Status: Adopted Plan Date: 16th January 2020	A13SW (SW)	198	10	505466 179703
473	Areas of Adopted Green Belt Authority: South Buckinghamshire District Council (now part of Buckinghamshire Council), Development Control Department Plan Name: Proposal Map Status: Adopted Plan Date: 22nd February 2011	A13SW (W)	223	11	505339 179875
474	Areas of Adopted Green Belt Authority: London Borough of Hillingdon Plan Name: Proposal Map Status: Adopted Plan Date: 16th January 2020	A18SE (N)	383	10	505647 180286
475	Areas of Adopted Green Belt Authority: London Borough of Hillingdon Plan Name: Proposal Map Status: Adopted Plan Date: 16th January 2020	A9NW (SE)	671	10	506026 179378
476	Areas of Adopted Green Belt Authority: London Borough of Hillingdon Plan Name: Proposal Map Status: Adopted Plan Date: 16th January 2020	A19NW (N)	903	10	505920 180745
477	Nitrate Vulnerable Zones Name: Colne And Guc (From Confluence With Chess To Ash) Nvz Description: Surface Water Source: Environment Agency, Head Office	A13NW (SW)	0	5	505571 179892

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Buckinghamshire Council	December 2019	Annual Rolling Update
Slough Borough Council - Environmental Protection	February 2018	Annual Rolling Update
London Borough of Hounslow - Contaminated Land Section	January 2024	Annual Rolling Update
Spelthorne Borough Council - Environmental Health Department	November 2017	Annual Rolling Update
Environment Agency - Head Office	November 2023	Annually
South Buckinghamshire District Council (now part of Buckinghamshire Council) - Environmental Health Department	October 2014	Annual Rolling Update
London Borough of Hillingdon - Environmental Protection Unit	October 2017	Annual Rolling Update
Royal Windsor and Maidenhead Unitary Council - Environmental Health Department	October 2017	Annual Rolling Update
London Borough of Ealing - Environmental Health and Trading Standards Division	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Thames Region	April 2024	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Thames Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Thames Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - South East Region - North East Thames Area	October 2023	Quarterly
Environment Agency - South East Region - West Thames Area	October 2023	Quarterly
Environment Agency - Thames Region	October 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control		
London Borough of Hillingdon - Environmental Health Department	August 2014	Variable
Spelthorne Borough Council - Environmental Health Department	December 2014	Variable
London Borough of Ealing - Environmental Health and Trading Standards Division	December 2020	Variable
London Borough of Hounslow - Environmental Health Department	February 2013	Variable
Buckinghamshire Council	February 2015	Variable
Royal Windsor and Maidenhead Unitary Council - Environmental Health Department	January 2015	Variable
Slough Borough Council - Environmental Health Department	June 2014	Variable
South Buckinghamshire District Council (now part of Buckinghamshire Council) - Environmental Health Department	September 2014	Variable
Local Authority Pollution Prevention and Controls		
London Borough of Hillingdon - Environmental Health Department	August 2014	Annual Rolling Update
Spelthorne Borough Council - Environmental Health Department	December 2014	Annual Rolling Update
London Borough of Ealing - Environmental Health and Trading Standards Division	December 2020	Annual Rolling Update
London Borough of Hounslow - Environmental Health Department	February 2013	Annual Rolling Update
Buckinghamshire Council	February 2015	Annual Rolling Update
Royal Windsor and Maidenhead Unitary Council - Environmental Health Department	January 2015	Not Applicable
Slough Borough Council - Environmental Health Department	June 2014	Not Applicable
South Buckinghamshire District Council (now part of Buckinghamshire Council) - Environmental Health Department	September 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
London Borough of Hillingdon - Environmental Health Department	August 2014	Variable
Spelthorne Borough Council - Environmental Health Department	December 2014	Variable
London Borough of Hounslow - Environmental Health Department	February 2013	Variable
Buckinghamshire Council	February 2015	Variable
Royal Windsor and Maidenhead Unitary Council - Environmental Health Department	January 2015	Variable
London Borough of Ealing - Environmental Health and Trading Standards Division	July 2015	Variable
Slough Borough Council - Environmental Health Department	June 2014	Variable
South Buckinghamshire District Council (now part of Buckinghamshire Council) - Environmental Health Department	September 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	April 2024	
Pollution Incidents to Controlled Waters		
Environment Agency - Thames Region	September 1999	

Agency & Hydrological	Version	Update Cycle
Prosecutions Relating to Authorised Processes Environment Agency - Thames Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Thames Region	March 2013	
Registered Radioactive Substances Environment Agency - Thames Region Environment Agency - Head Office	May 2023 May 2023	As notified Quarterly
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 East Region - North East Thames Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	April 2024 April 2024 April 2024 April 2024	Quarterly Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Thames Region	April 2024	Quarterly
Water Industry Act Referrals Environment Agency - Thames Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
OS Water Network Lines Ordnance Survey	April 2024	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

Agency & Hydrological	Version	Update Cycle
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	May 2024	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Thames Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	May 2024 May 2024 May 2024 May 2024	Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - North East Thames Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	January 2023 January 2023 January 2023 January 2023	Quarterly Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Buckinghamshire Council Buckinghamshire County Council London Borough of Ealing London Borough of Hillingdon - Environmental Health Department London Borough of Hounslow - Environmental Health Department Royal Windsor and Maidenhead Unitary Council - Planning Policy Unit Slough Borough Council South Buckinghamshire District Council (now part of Buckinghamshire Council) Spelthorne Borough Council - Environmental Health Department Surrey County Council	February 2003 February 2003 February 2003 February 2003 February 2003 February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Buckinghamshire Council Buckinghamshire County Council London Borough of Ealing London Borough of Hillingdon - Environmental Health Department London Borough of Hounslow - Environmental Health Department Royal Windsor and Maidenhead Unitary Council - Planning Policy Unit Slough Borough Council South Buckinghamshire District Council (now part of Buckinghamshire Council) Spelthorne Borough Council - Environmental Health Department Surrey County Council	October 2018 October 2018 October 2018 October 2018 October 2018 October 2018 October 2018 October 2018 October 2018 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 - Thames Region - North East Area Environment Agency - Thames Region - South East Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Thames Region - North East Area Environment Agency - Thames Region - South East Area	June 2015 June 2015	

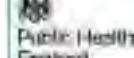
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	January 2024	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Buckinghamshire Council London Borough of Ealing London Borough of Hounslow South Buckinghamshire District Council (now part of Buckinghamshire Council) - Development Control Department Buckinghamshire County Council London Borough of Hillingdon Royal Windsor and Maidenhead Unitary Council Slough Borough Council - Development & Consumer Protection Dep. Spelthorne Borough Council - Planning Department Surrey County Council	February 2016 February 2016 February 2016 February 2016 February 2023 January 2016 July 2023 July 2023 July 2023 June 2023	Variable Variable Variable Variable Variable Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Buckinghamshire Council London Borough of Ealing London Borough of Hounslow Slough Borough Council - Development & Consumer Protection Dep. South Buckinghamshire District Council (now part of Buckinghamshire Council) - Development Control Department Spelthorne Borough Council - Planning Department Surrey County Council Buckinghamshire County Council London Borough of Hillingdon Royal Windsor and Maidenhead Unitary Council	February 2016 February 2016 February 2016 February 2016 February 2016 February 2016 February 2023 January 2016 October 2015	Variable Variable Variable Variable Variable Variable Variable Variable Variable

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	January 2024	Bi-Annually
BGS Urban Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Urban Soil Chemistry Averages British Geological Survey - National Geoscience Information Service	December 2015	As notified
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 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	October 2023	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	October 2023	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2024	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2024	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	June 2024	Quarterly
Points of Interest - Education and Health PointX	June 2024	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2024	Quarterly
Points of Interest - Public Infrastructure PointX	June 2024	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2024	Quarterly
Underground Electrical Cables National Grid	January 2024	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2024	Bi-Annually
Areas of Adopted Green Belt Buckinghamshire Council London Borough of Ealing London Borough of Hillingdon London Borough of Hounslow Royal Windsor and Maidenhead Unitary Council Slough Borough Council South Buckinghamshire District Council (now part of Buckinghamshire Council) - Development Control Department Spelthorne Borough Council	February 2024 February 2024 February 2024 February 2024 February 2024 February 2024 February 2024 February 2024 February 2024	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Buckinghamshire Council London Borough of Ealing London Borough of Hillingdon London Borough of Hounslow Royal Windsor and Maidenhead Unitary Council Slough Borough Council South Buckinghamshire District Council (now part of Buckinghamshire Council) - Development Control Department Spelthorne Borough Council	February 2024 February 2024 February 2024 February 2024 February 2024 February 2024 February 2024 February 2024 February 2024	Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	May 2024	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	February 2024	Bi-Annually
Marine Nature Reserves Natural England	February 2024	Bi-Annually
National Nature Reserves Natural England	February 2024	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) Environment Agency - Head Office	April 2016 April 2024	Bi-Annually
Ramsar Sites Natural England	February 2024	Bi-Annually
Sites of Special Scientific Interest Natural England	April 2024	Bi-Annually
Special Areas of Conservation Natural England	April 2024	Bi-Annually
Special Protection Areas Natural England	April 2024	Bi-Annually

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	

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	London Borough of Hillingdon - Environmental Health Department Civic Centre, High Street, Uxbridge, Middlesex, UB8 1UW	Telephone: 01895 250111 Fax: 01895 277443 Website: www.hillingdon.gov.uk
4	South Buckinghamshire District Council (now part of Buckinghamshire Council) - Environmental Health Department Capswood, Oxford Road, Denham, Berkshire, UB9 4LH	Telephone: 01895 837200 Website: www.southbucks.gov.uk
5	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
6	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
7	Buckinghamshire County Council County Hall, Aylesbury, Buckinghamshire, HP20 1UA	Telephone: 01296 395900 Fax: 01296 88887 Website: www.buckscc.gov.uk
8	South Buckinghamshire District Council (now part of Buckinghamshire Council) Capswood, Oxford Road, Denham, Berkshire, UB9 4LH	Telephone: 01895 837200 Website: www.southbucks.gov.uk
9	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
10	London Borough of Hillingdon Civic Centre, High Street, Uxbridge, Middlesex, UB8 1UW	Telephone: 01895 250111 Fax: 01895 250830 Website: www.hillingdon.gov.uk
11	South Buckinghamshire District Council (now part of Buckinghamshire Council) - Development Control Department Capswood, Oxford Road, Denham, Berkshire, UB9 4LH	Telephone: 01895 837200 Website: www.southbucks.gov.uk
12	PointX 5-6 Abbey Court, Eagle Way, Sowton, Exeter, EX2 7HY	Website: www.pointx.co.uk
13	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
14	Slough Borough Council Town Hall, Bath Road, Slough, Berkshire, SL1 3UQ	Telephone: 01753 552288 Fax: 01753 692499 Website: www.slough.gov.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

Contact	Name and Address	Contact Details
-	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

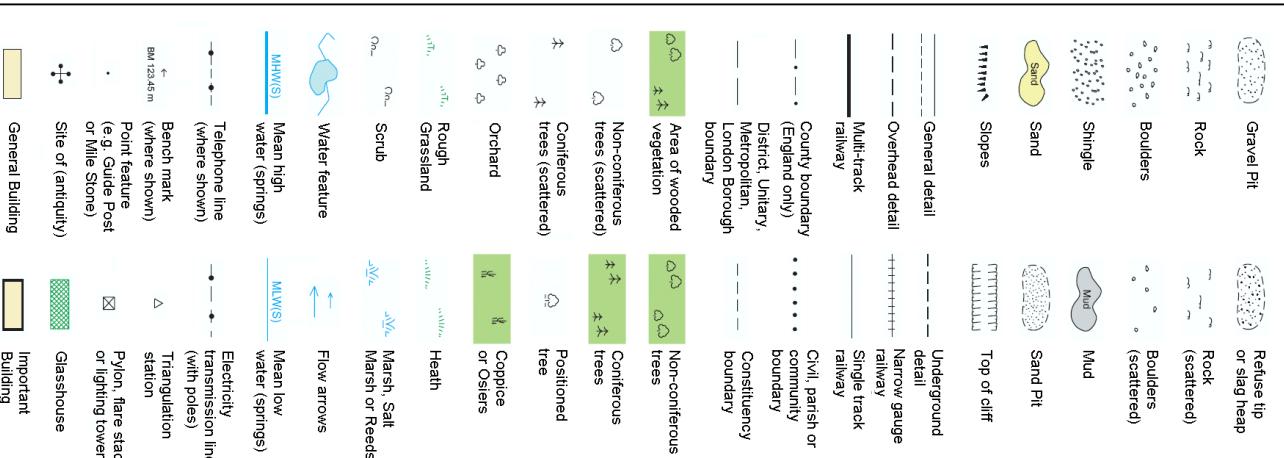
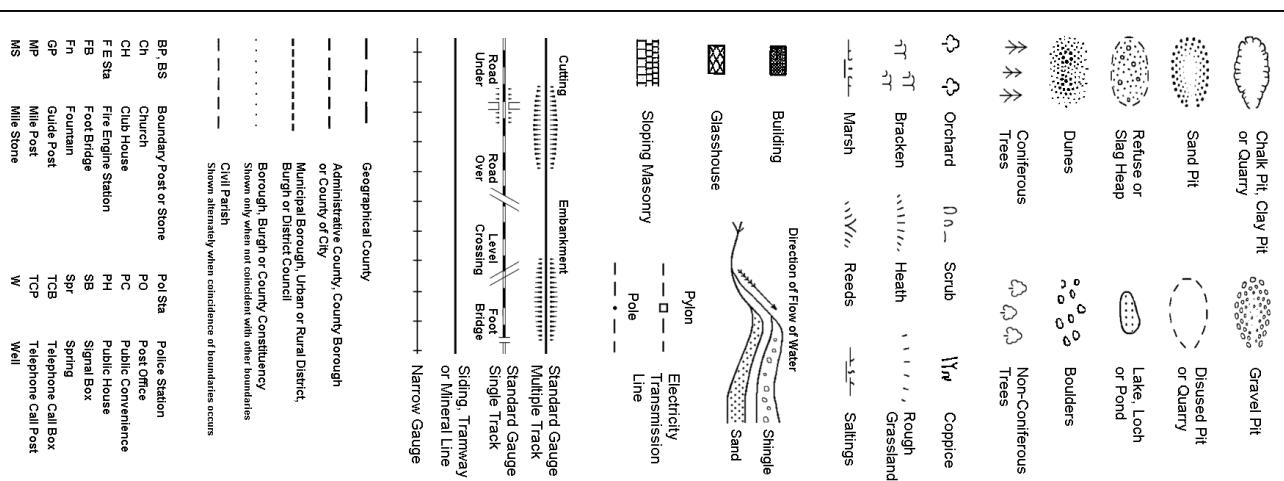
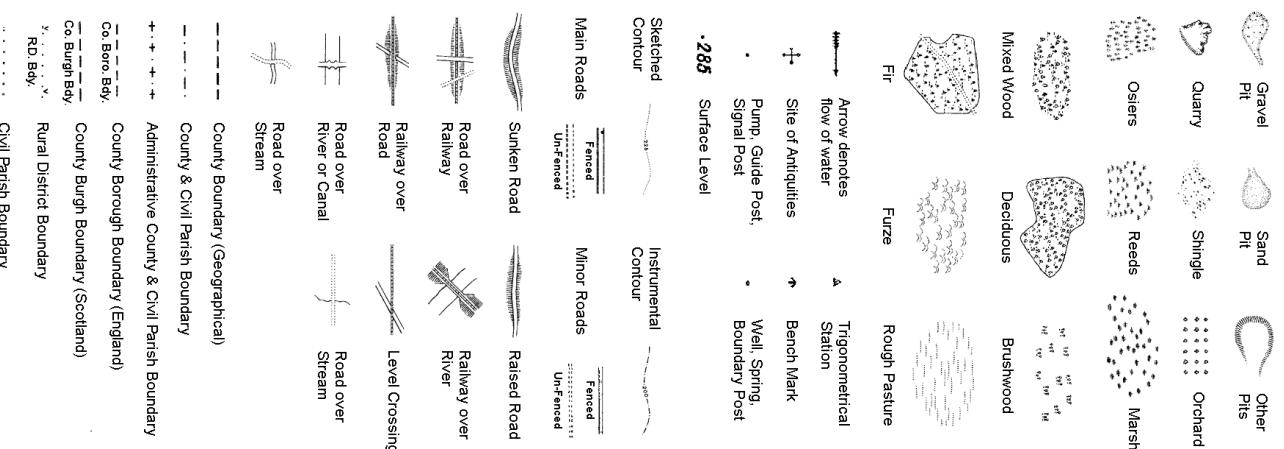
Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

Historical Mapping Legends

Ordnance Survey Plan 1:10,560

1:10,000 Raster Mapping

Ordnance Survey County Series 1:10,560



Historical Map - Slice A

Order Details

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Russian Military Mapping Legends

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

1:25,000 mapping

Key to Numbers on Mapping

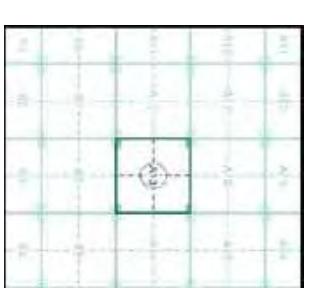
a. Not drawn to scale b. Drawn to scale

Government and Administrative Buildings	Military and Industrial Buildings
Military and Communication Areas	Subway Entrance
Fireproof Building	Prominent Fireproof Building
Non-fireproof Building	Non-fireproof Building (non-dwelling)
Factory, mill, and flour mill, with chimneys	Factory, mill, and flour mill, without chimneys
Power Station, drawn to scale	Hydroelectric Power Station
Radio Station, drawn to scale	Telephone Station, drawn to scale
Abandoned Open-pit Mine or Quarry	Open-pit Salt Mine
a b	a b
Pit	Individual Dwelling, Fireproof
b a	Factory or Mill Chimney
b + 0	Operating Shaft or Mine
Bench Mark	Factory or Mill with Chimney
Drill Hole	Non-Operating Shaft or Mine
Single-track Railroad	Shallow Shaft or Mine
Tailings Pile	Salt Mine
Coniferous Forest	Tailings Pile
Citrus Orchard	
Lawns	
Oil Deposit or Well	
Oil Seepage	
Deciduous Forest	
Oil Storage Tanks	
Cut	
Burial Mound	
Bridge	
Double-track Railroad	
Railroad and Station Building	
Natural Gas Tank	
Trigonulation Point	
Mixed Forest	
Scattered Vegetation	
Wet Ground	
Vegetation	
243.8	Values for prominent elevations
186.0	Numbers for spot elevations, depth soundings, contour lines, etc.
0.2	Velocity of the current, width of river bed, depth of river
180. 80	Fractions and condition of the river bottom; height of forest and the diameter of trees
Russian Alphabet (for reference and phonetic interpretation of map text)	
A a (A)	3 (Z)
Б б (B)	Ч ч (CH)
В в (V)	П п (P)
Г г (G)	И и (I)
Д д (D)	҃ ҃ (SH)
Е е (E)	҂ ҂ (SHCH)
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҇ ҇ (O)	҈ ҈ (O)
҉ ҉ (TS)	Ҋ Ҋ (YA or IAU)

Historical Mapping & Photography included:

TQ88_London	
No.	Description
193	Chemical Plant

Russian Map - Slice A



Order Details

Order Number: 350211139_1_1

Customer Ref: 06488L

National Grid Reference: 505570, 178990

Site Area (Ha): 0.06

Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAVTON, UB7 7AQ

Landmark [®]
A Landmark Information Group Service v50.0 17-Jun-2024

Information Group

Tel: 0844 844 9832

Fax: 0844 844 9831

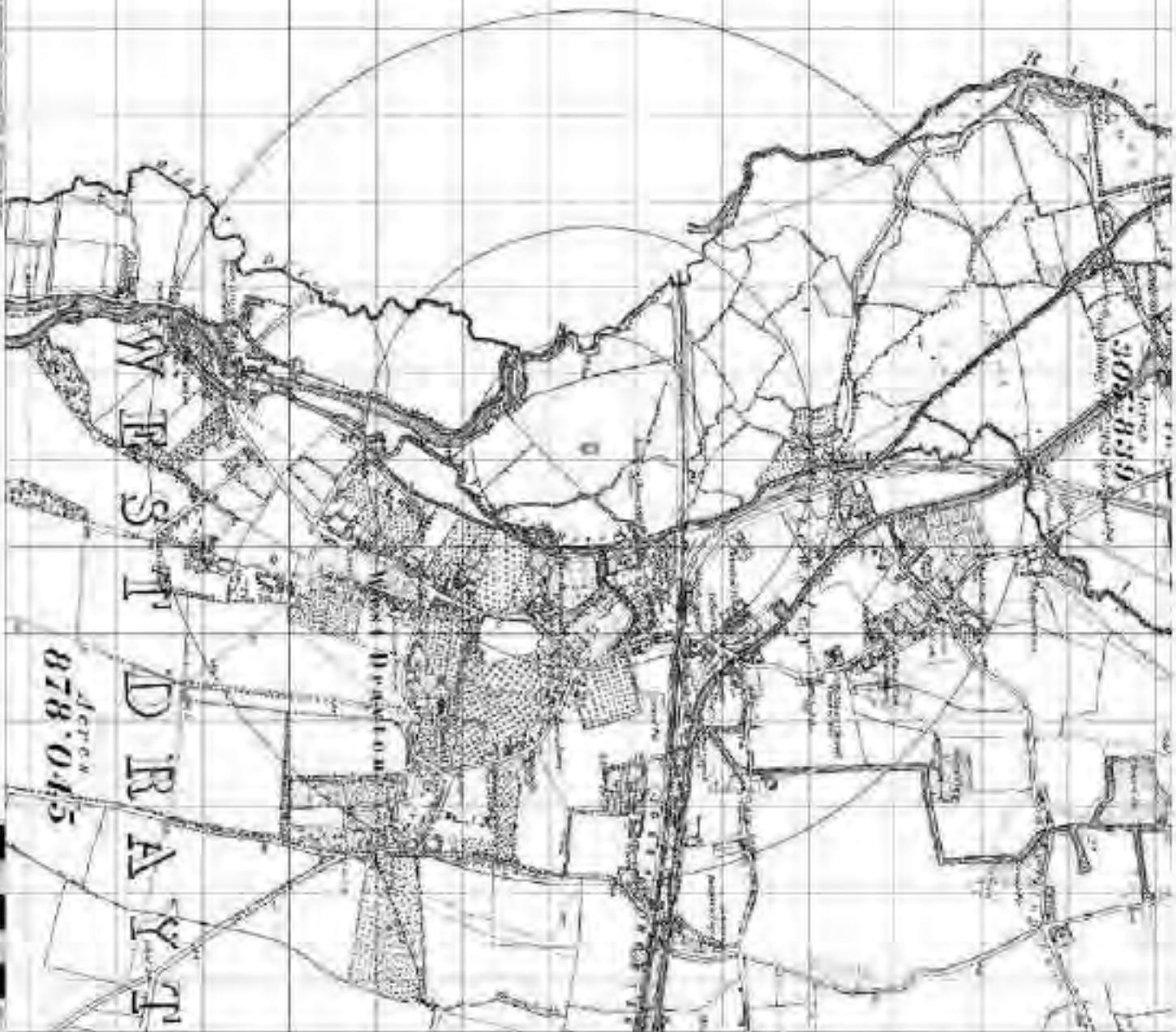
www.envirocheck.co.uk

Envirocheck

Middlesex

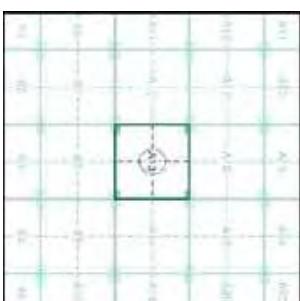
Published 1868 Source map scale - 1:10,560

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 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 compiled in 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)	
01400	1868
1:10,560	

Historical Map - Slice A



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Buckinghamshire

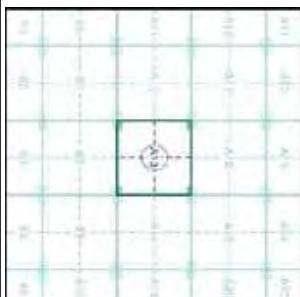
Published 1881

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. These maps appear unfinished, with all military camps and other strategic sites removed. These maps were initially compiled in 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)
05400
1:10,560
1:10,560
05700
1:10,560
1:10,560

Historical Map - Slice A



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 178990
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAVTON, UB7 7AQ

Middlesex

Published 1897 Source map scale - 1:10,560

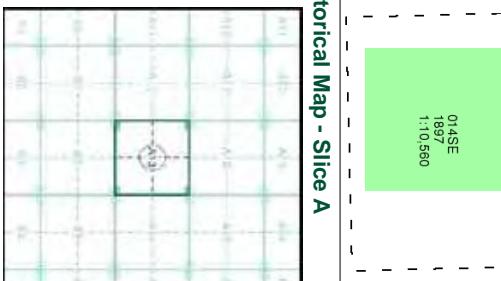
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years 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 1940s 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 compiled 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)

014SE
1897
1:10,560

Historical Map - Slice A



Order Details

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Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

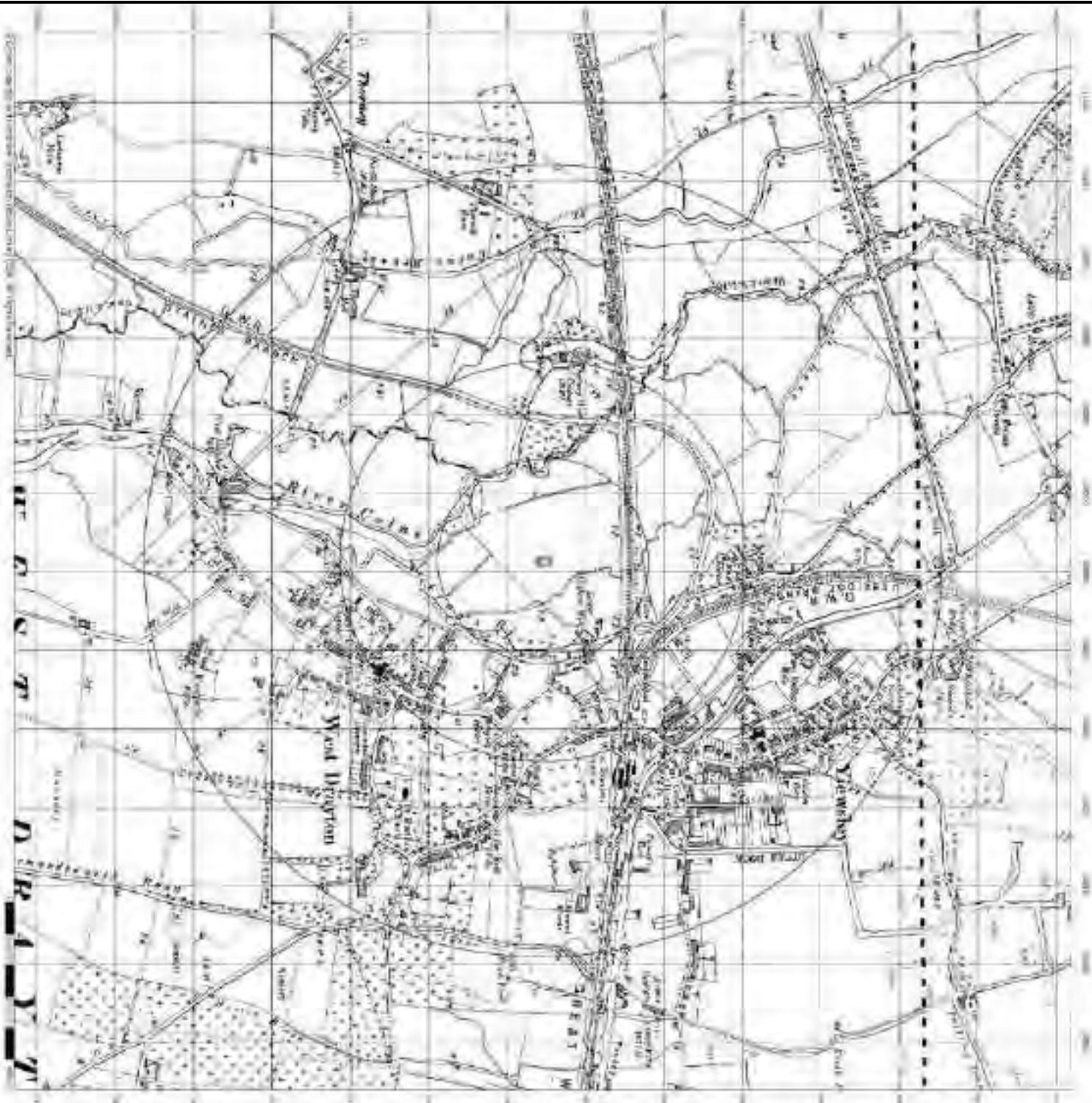
10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Buckinghamshire

Published 1900

Source map scale - 1:10,560

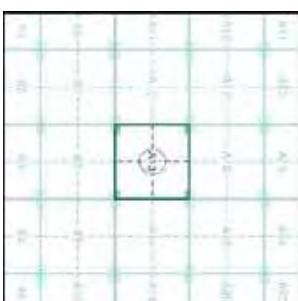
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840s. In 1854 the 1:12,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some 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 1940s 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 compiled in 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)

054SW	1:10,560
1900	
057NW	1:10,560
1900	

Historical Map - Slice A



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

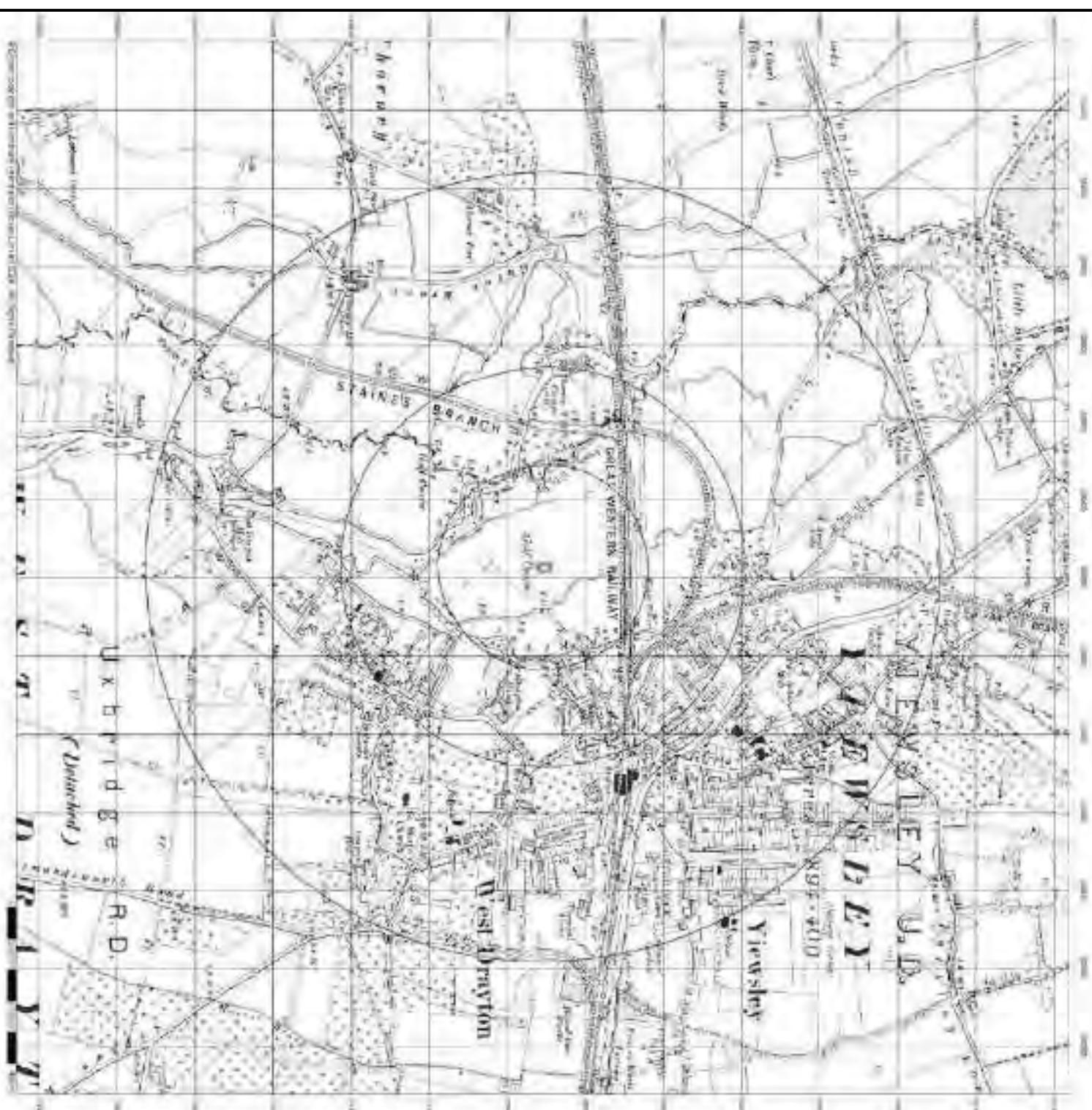
Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Middlesex

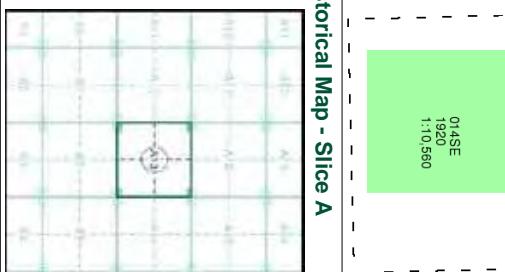
Published 1920 Source map scale - 1:10,560

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 1:12,500 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 compiled in 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)	
014SE 1920 1:10,560	

Historical Map - Slice A



Order Details

Order Number: 350211139_1_1
 Customer Ref: 06488L
 National Grid Reference: 505570, 179890
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Middlesex

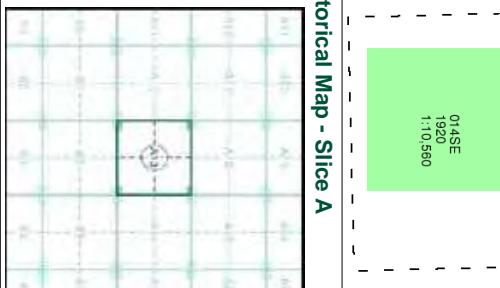
Published 192
Source map s

The historical maps shown were reproduced from maps predominantly held at the state adopted for England, Wales and Scotland in 1840-50. In 1854 the 1:250,000 scale was adopted for mapping urban areas; these maps were used to update the 1:50,000 maps. The publisher began using them in 1861, 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 1:10,500 mapping from a number of sources. The maps appear unfinished, with only military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,500 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):

0143 E
1920
1:10,5

Historical Map - Slice /



Order Details

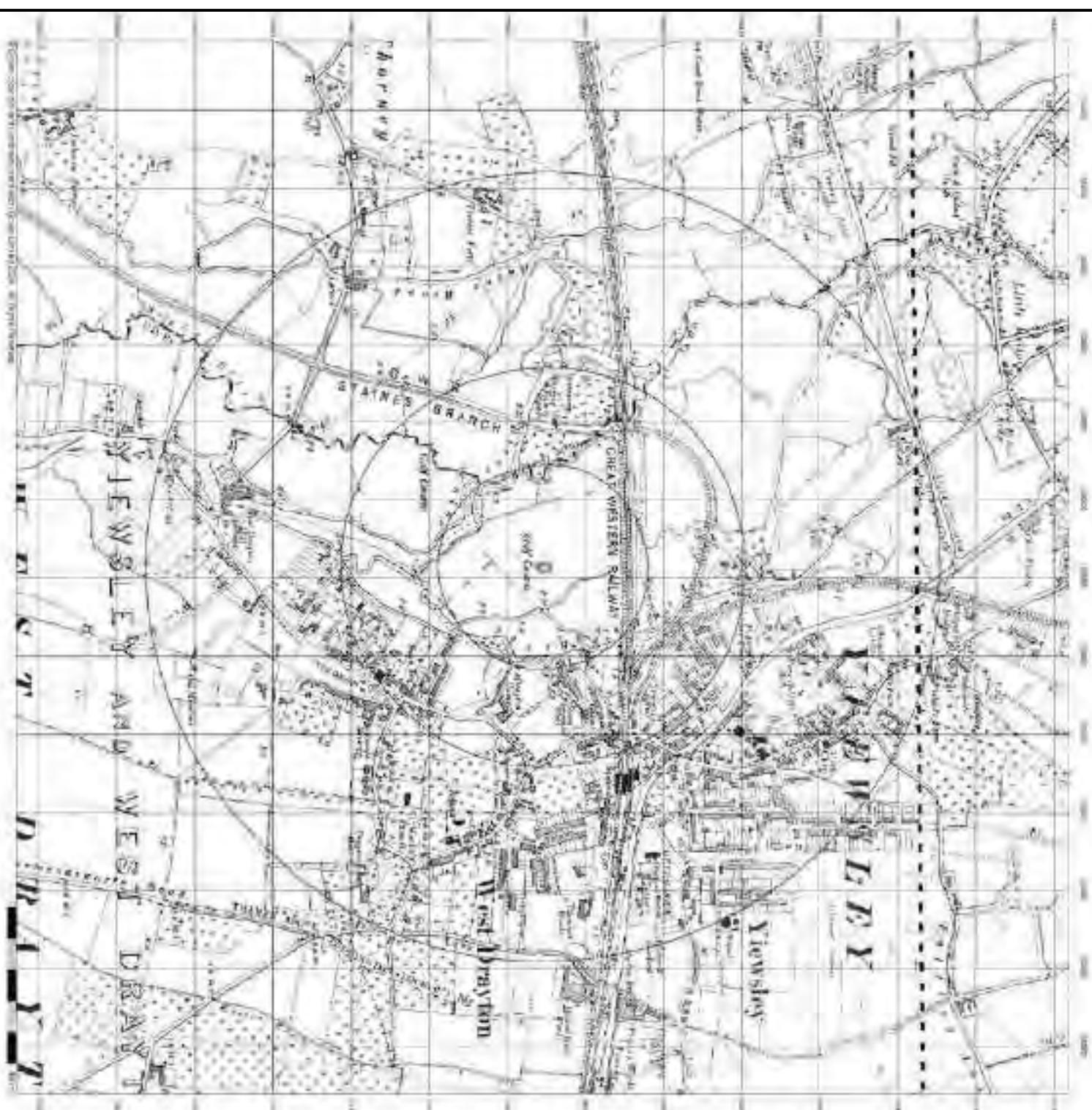
Site Details	
Order Number:	350211139
Customer Ref:	06488L
National Grid Reference:	505570, 179570
Site Area (Ha):	A 0.06
Search Buffer (m):	1000

Buckinghamshire

Published 1932

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 1840s. 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 1940s, 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 compiled in 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.

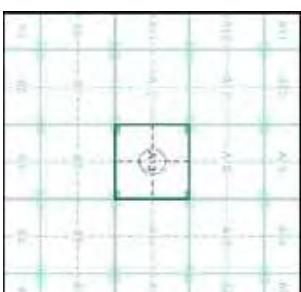


Map Name(s) and Date(s)

054SW
1932
1:10,560

057NW
1932
1:10,560

Historical Map - Slice A



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

VIEWSLY



Middlesex

Published 1935

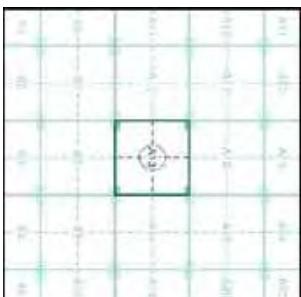
Source map scale - 1:10,560

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 compiled in 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)

014SE
1935
1:10,560

Historical Map - Slice A



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAWTON, UB7 7AQ

Middlesex

Published 1938 Source map scale - 1:10,560

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



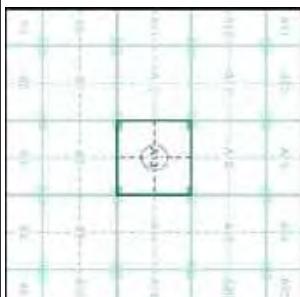
Landmark

INFORMATION GROUP

Order Details
Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ



VIEWSTON



Middlesex

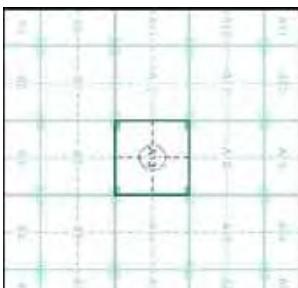
Published 1938 Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished, with all military camps and other strategic sites removed. These maps were initially compiled in the National Grid. In 1950, 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)

014SE
1938
1:10,560

Historical Map - Slice A



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Historical Aerial Photography

Published 1948 Source map scale - 1:10,560

The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:12,500 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 both revisions were checked. Where available Landmark have included both revisions.

© Landmark Information Group and/or Data Suppliers 2010.
Map Name(s) and Date(s)

TO08SW	TO08SE
1948	1948
1:10,560	1:10,560
TO07NW	TO07NE
1948	1948
1:10,560	1:10,560
TO07SW	TO07SE
1948	1948
1:10,560	1:10,560

Historical Aerial Photography - Slice A



Historical Aerial Photography

Published 1948

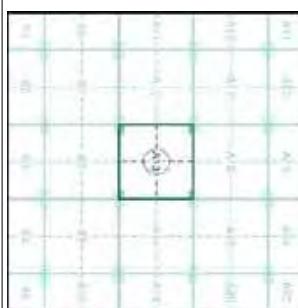
Source map scale - 1:10,560

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 a period of only later made edits, without viewing both revisions, it is not easy to spot the edits. Where available Landmark have included both revisions.

© Landmark Information Group and/or Data Suppliers 2010.
Map Name(s) and Date(s)

TO00SE	1948	1:10,560
TO07NW	1948	1:10,560
TO07NE	1948	1:10,560

Historical Aerial Photography - Slice A



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000
Site Details
10, Lawn Avenue, WEST DRAWTON, UB7 7AQ

Ordnance Survey Plan

Published 1960

Source map scale - 1:10,000

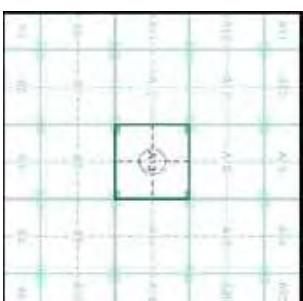
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:250 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years 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 Ordnance Surveyed in 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)

TOOTSW	TOOTSE
1:10,560	1:10,560
TOOTNW	TOOTNE
1:10,560	1:10,560
TOOTSW	TOOTSE
1:10,560	1:10,560

Historical Map - Slice A



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Ordnance Survey Plan Published 1965 - 1966

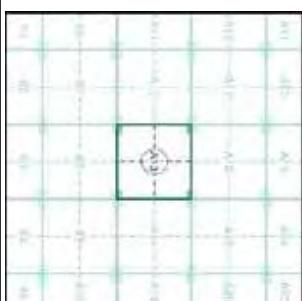
Source map scale - 1:10,000

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. These maps appear unfinished, with all military camps and other strategic sites removed. These maps were initially compiled in 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)

TO07NW 1966 1:10,560	TO07NE 1985 1:10,560
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Historical Map - Slice A



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

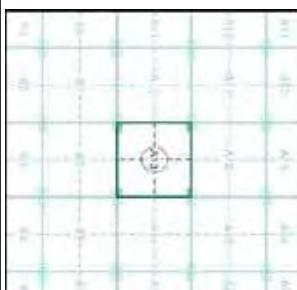
Ordnance Survey Plan Published 1970 - 1975

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 1:250 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 Ordnance Surveyed in 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)	
TO05SW	TO05SE
1:1974	1:1970
1:10,000	1:10,560
TO05NW	TO05NE
1:1975	1:1970
1:10,000	1:10,560
TO05SW	TO05SE
1:1974	1:1970
1:10,000	1:10,560
TO05NW	TO05NE
1:1975	1:1970
1:10,000	1:10,560

Historical Map - Slice A



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

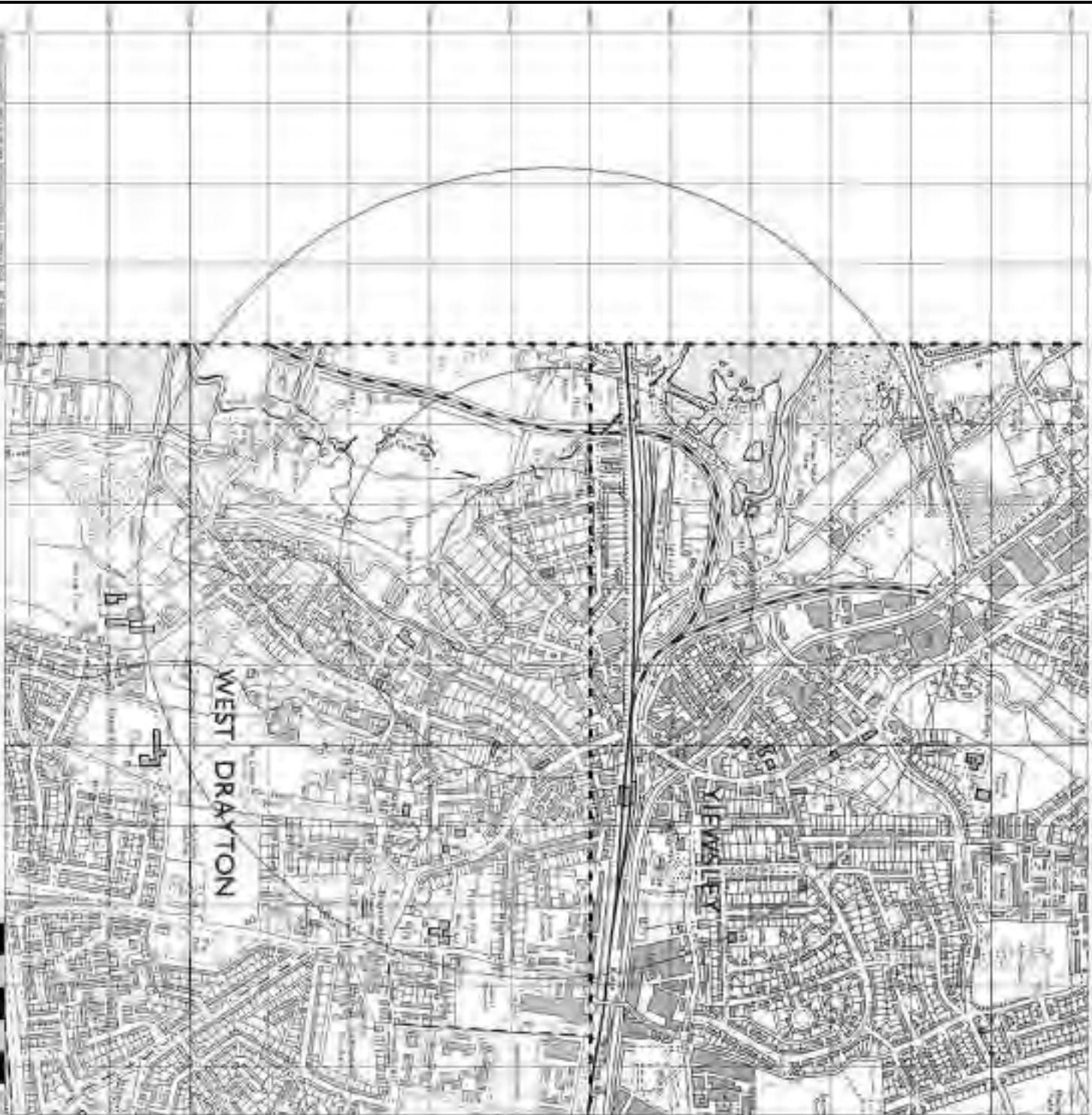
Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Ordnance Survey Plan Published 1975 - 1977

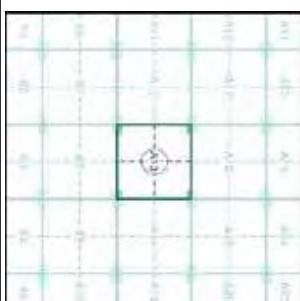
Source map scale - 1:10,000

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 1:2500 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 outline 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 compiled in the Normal Grid. In 1950, 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)	
TOOSE	1:10,560
TOSE	1:10,000
TOOTNE	1:10,560
TOOTNE	1:10,000

Historical Map - Slice A



Order Details

Order Number: 350211139_1_1
 Customer Ref: 06488L
 National Grid Reference: 505570, 179890
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

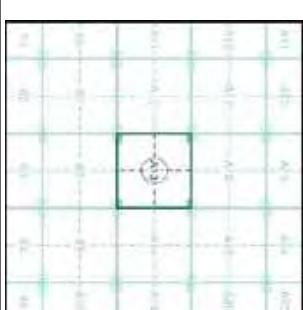
Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

London Published 1985

Source map scale - 1:25,000

These maps were produced by the Russian military during the Cold War, between 1950 and 1997, and cover 103 towns and cities throughout the UK. The maps are produced at 1:25,000, 1:10,000 and 1:15,000 scale, and show non-developed land use. With colour-coded areas for development, green areas, and uses (such as hospitals, post offices, factories, etc.) are numbered, with a numbered key describing their use. They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs. For use if they were to have invaded the UK. The detailed information provided in indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.



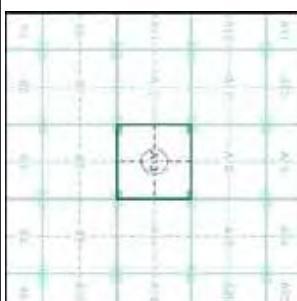
Ordnance Survey Plan Published 1988 - 1989

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 1:250 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 Ordnance Surveyed in 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)	
TO05SW	1988
	1:10,000
TO05NW	1989
TO05NE	1989
	1:10,000

Historical Map - Slice A



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

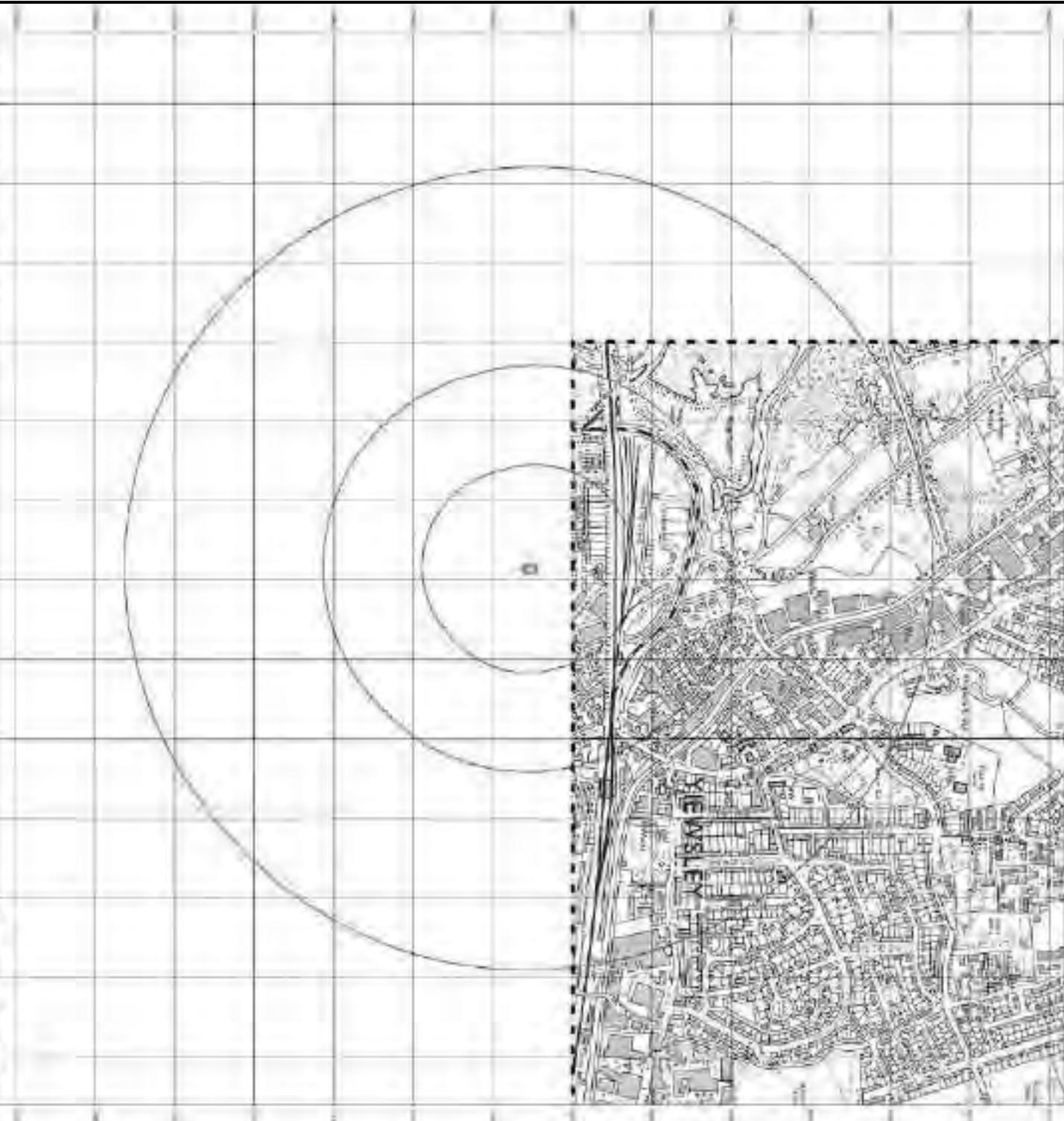
10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Ordnance Survey Plan

Published 1990

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 1:250 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 compiled in 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.



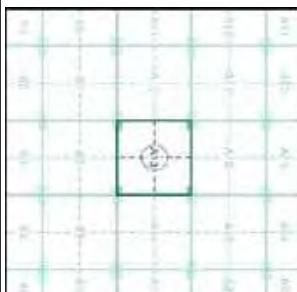
Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Historical Map - Slice A



10k Raster Mapping Published 1999

Source map scale - 1:10,000

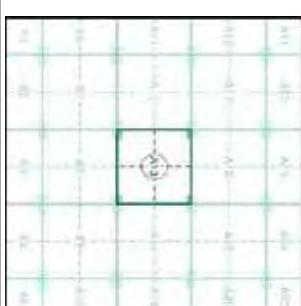
The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from LandPlan, which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, 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)

TOOTSW	TOOTSE
1999	1999
1:10,000	1:10,000
TOOTNW	TOOTNE
1999	1999
1:10,000	1:10,000

Historical Map - Slice A



Order Details

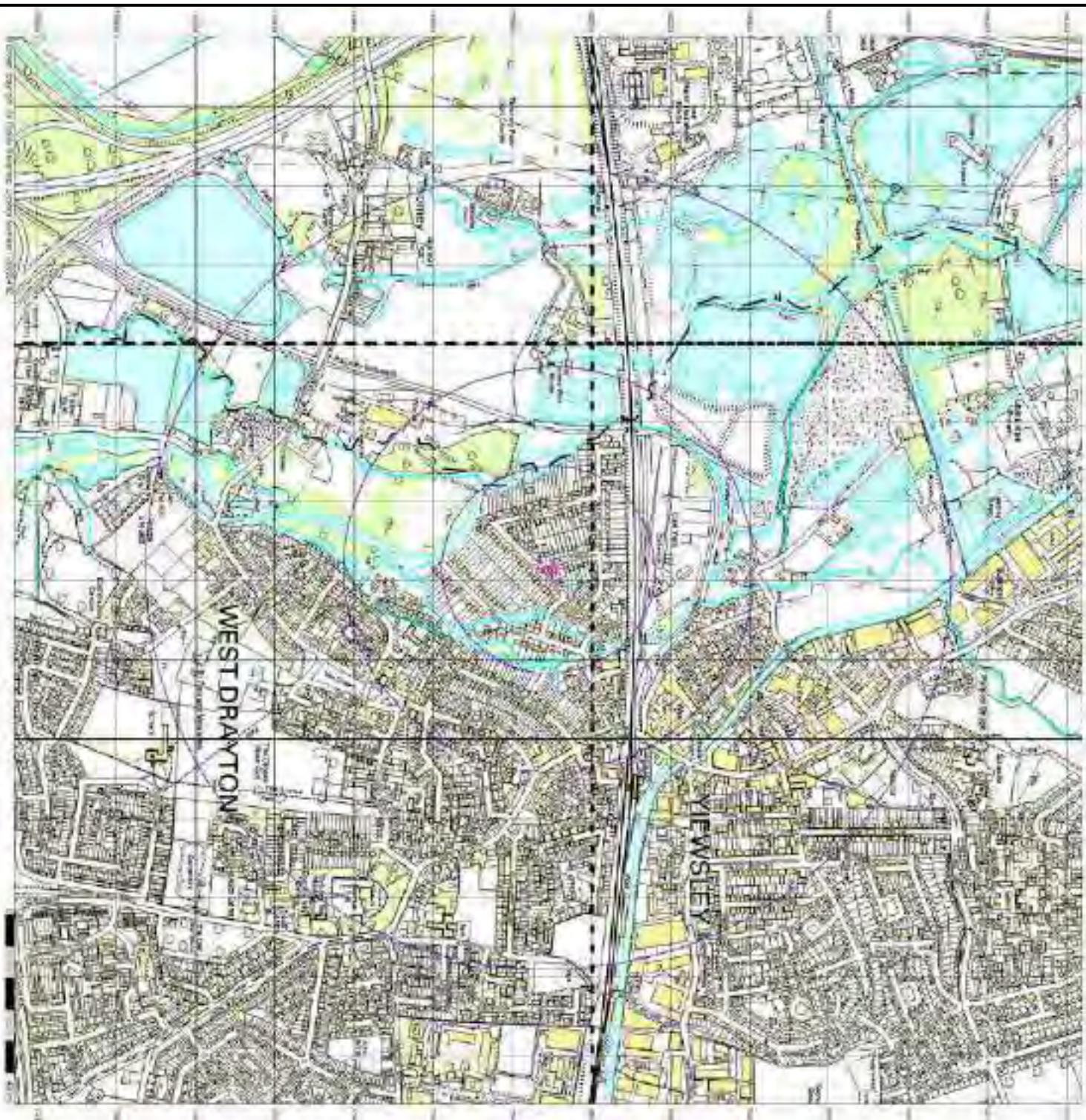
Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

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 all relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

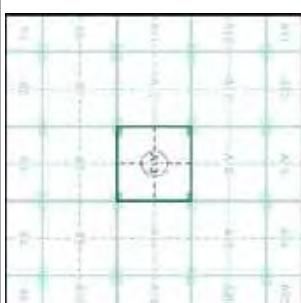


Map Name(s) and Date(s)

Order Number:	TO05SW	TO05SE
Customer Ref:	350211139_1_1	06488L
National Grid Reference:	505570, 179890	
Slice:	A	
Site Area (Ha):	0.06	
Search Buffer (m):	1000	

Order Number:	TO05NW	TO05NE
Customer Ref:	350211139_1_1	06488L
National Grid Reference:	505570, 179890	
Slice:	A	
Site Area (Ha):	0.06	
Search Buffer (m):	1000	

Historical Map - Slice A



Order Details

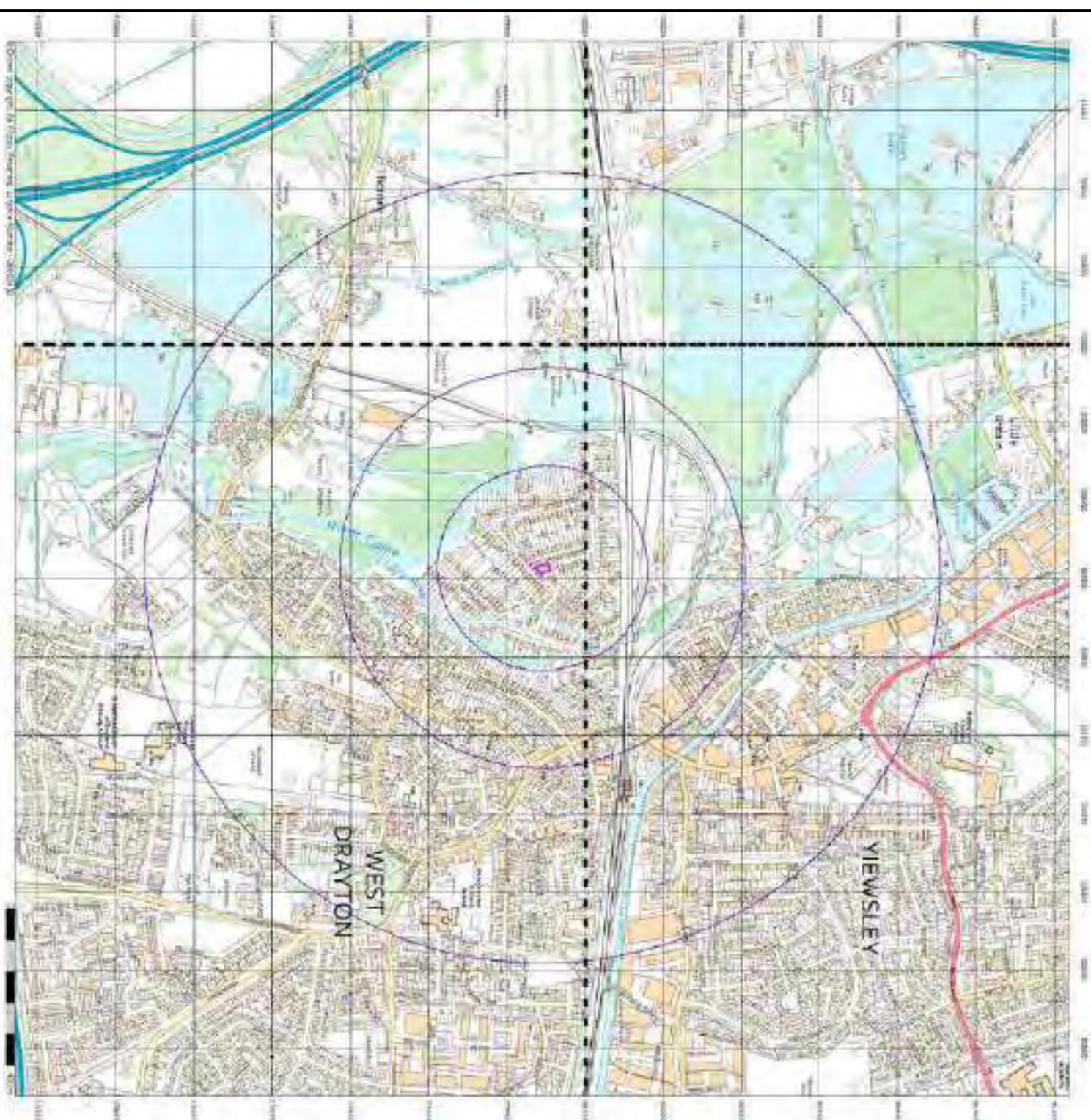
Order Number:	350211139_1_1
Customer Ref:	06488L
National Grid Reference:	505570, 179890
Slice:	A
Site Area (Ha):	0.06
Search Buffer (m):	1000

Site Details

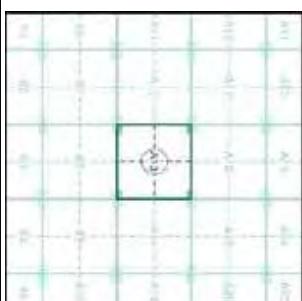
10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

VectorMap Local
Published 2024**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 1:250 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)**

TO05SW	TO05SE
2024	2024
Variable	Variable
TO07NW	TO07NE
2024	2024
Variable	Variable

Historical Map - Slice A**Order Details**

Order Number:	350211139_1_1
Customer Ref:	06488L
National Grid Reference:	505570, 179890
Slice:	A
Site Area (Ha):	0.06
Search Buffer (m):	1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Buckinghamshire

Published 1880

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 1840s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1866 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)

057_01
1880
12.500

Historical Map - Segment A13

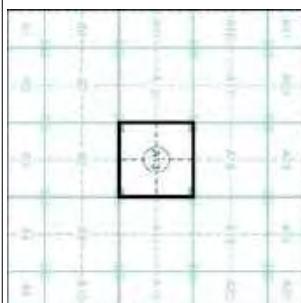


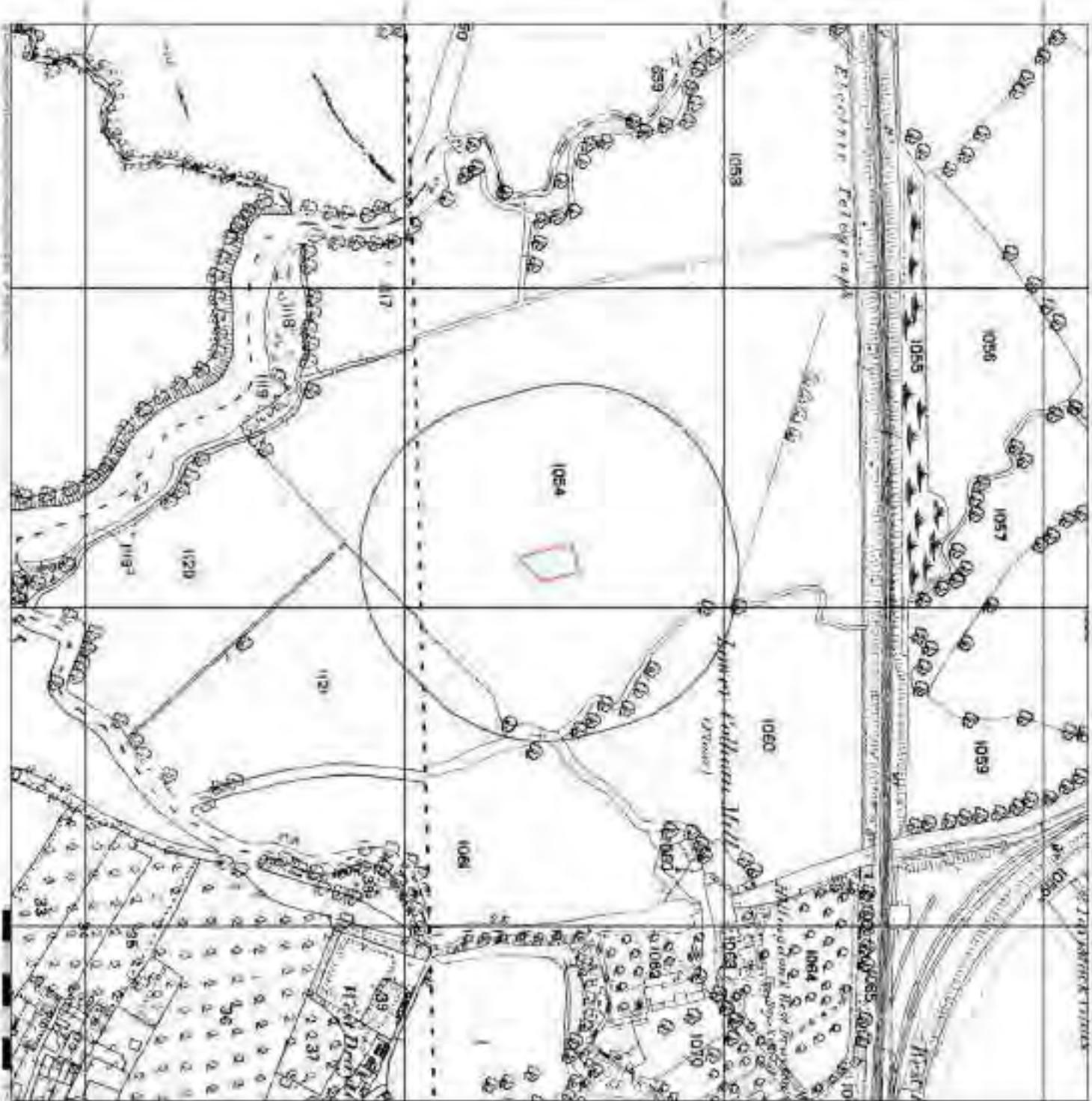
Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ





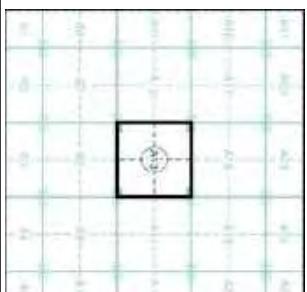
Envirocheck

Middlesex

Published 1884 - 1885
Source map scale - 1:

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840s. In 1854 the 1:250 scale was adopted for mapping Indian areas and by 1886 it covered the whole of what were considered to be the cultivated parts of Great Britain. The publication 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.

Historical Map - Segments



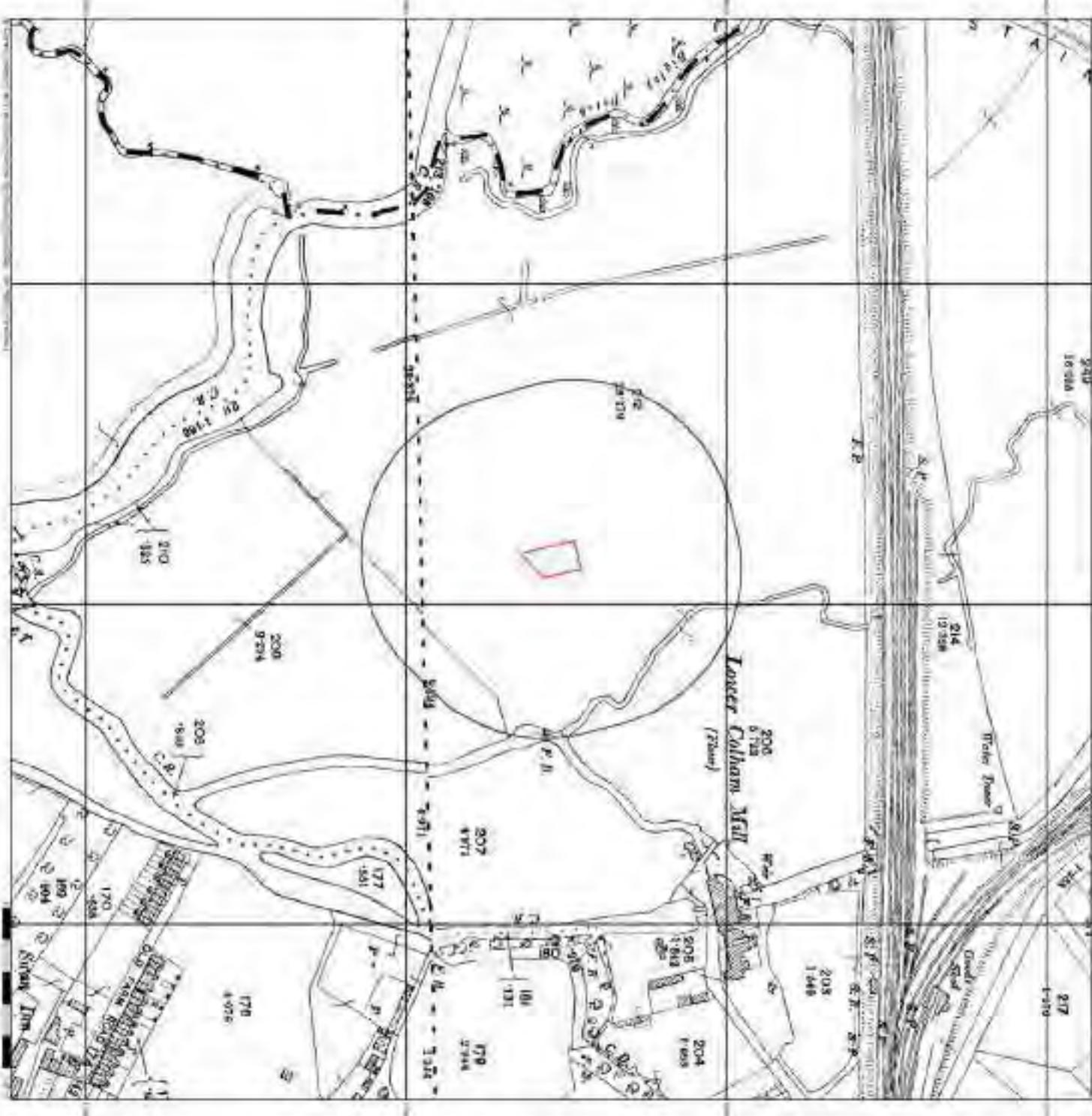
Order Details

Order Number:	350211139_1_1
Customer Ref:	06488L
National Grid Reference:	505070, 179890
Slice:	A
Site Area (Ha):	0.06
Search Buffer (m):	100
Site Details	
10, Lawn Avenue, WEST DRAYTON, UB7 7AQ	

Middlesex

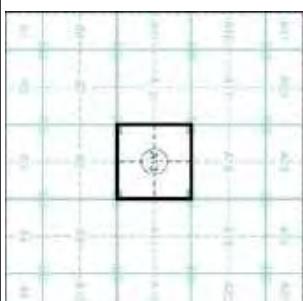
Published 1896

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 1840s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1886 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)	
—	—
—	014 11 1896 1:2,500
—	014 15 1896 1:2,500

Historical Map - Segment A13



Order Details

Order Number: 350211139_1_1
 Customer Ref: 06488L
 National Grid Reference: 505570, 179890
 Site: A
 Site Area (Ha): 0.06
 Search Buffer (m): 100

Site Details
 10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Buckinghamshire

Published 1899

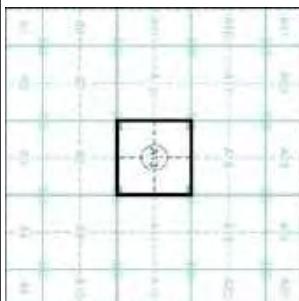
1899



The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1866 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often 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)
057 01 1899 12.500

Historical Map - Segment A13



Order Details

Order Number: 350211139_1_1
 Customer Ref: 06488L
 National Grid Reference: 505570, 179890
 Site: A
 Site Area (Ha): 0.06
 Search Buffer (m): 100

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

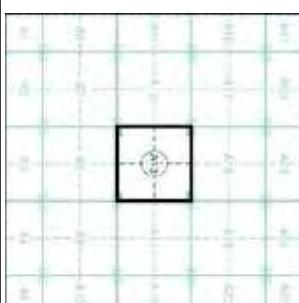
Middlesex

Published 1914 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 1840s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1886 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)
— — — — 1
014 11 1914 1:2,500
014 15 1914 1:2,500

Historical Map - Segment A13

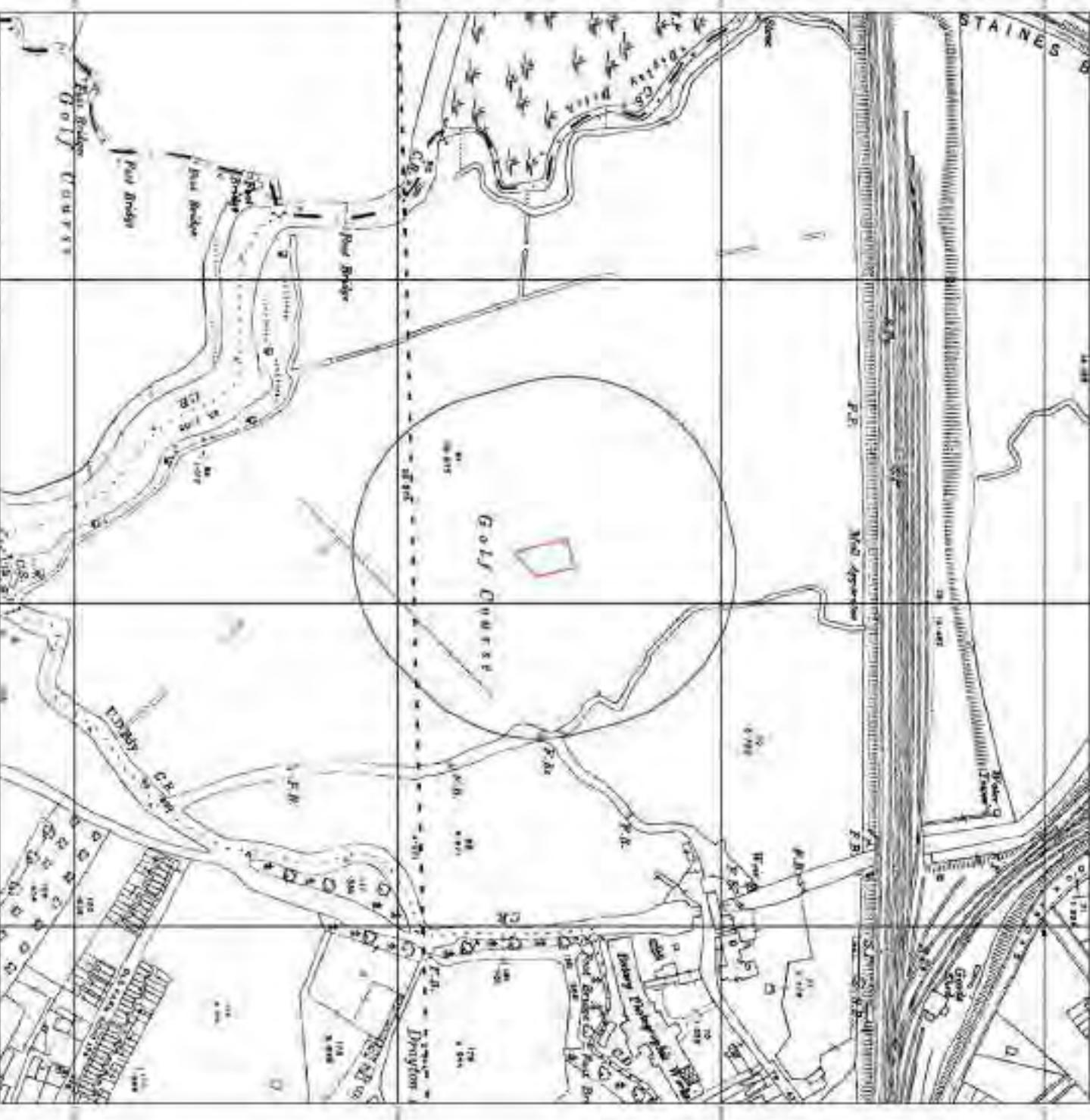


Order Details

Order Number: 350211139_1_1
 Customer Ref: 06488L
 National Grid Reference: 505570, 179890
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 100

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ



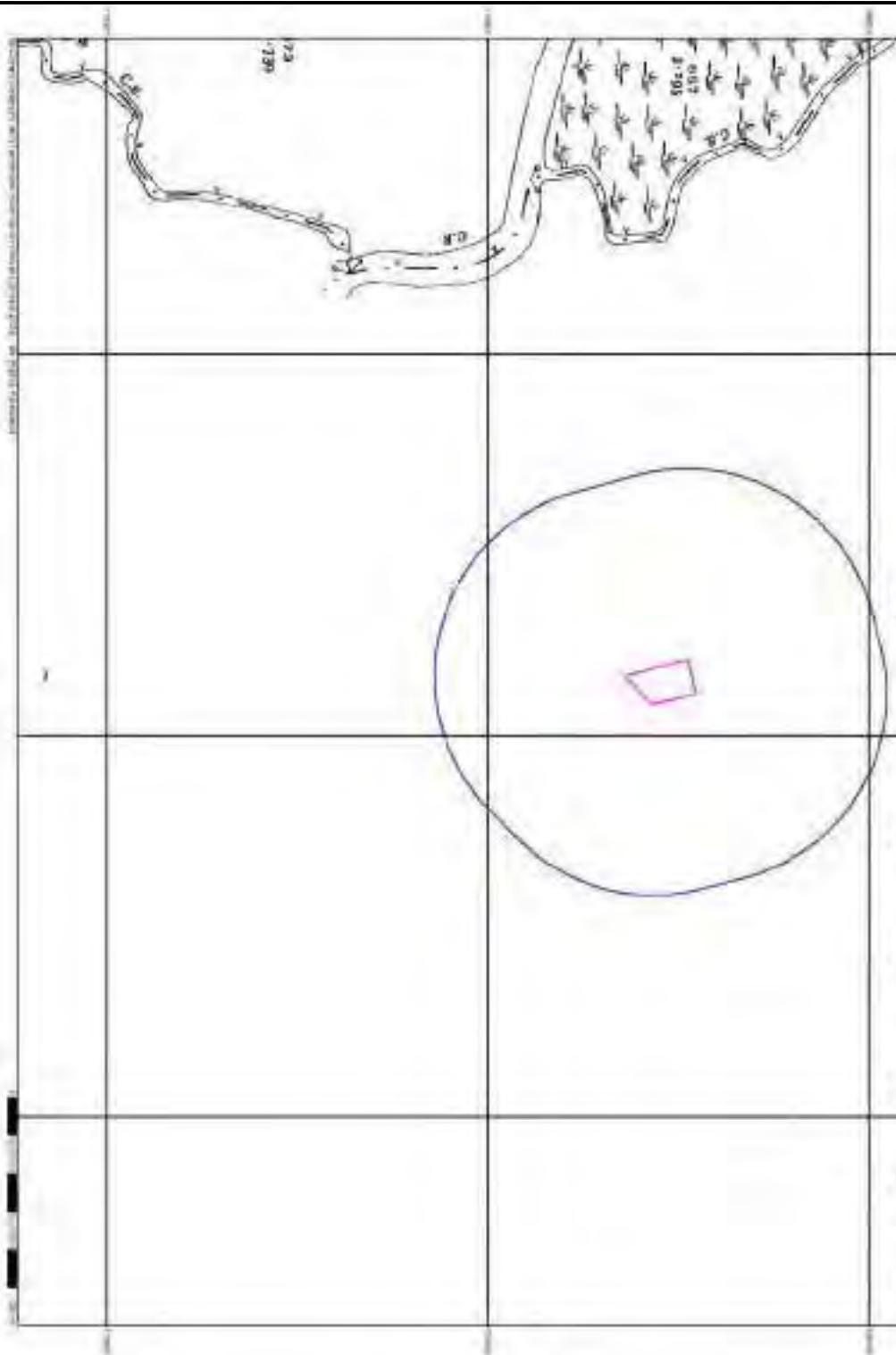
Buckinghamshire

Published 1932

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 1840s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1886 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.

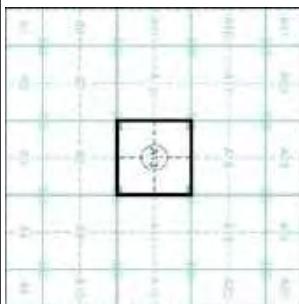
M I D D L E S



Map Name(s) and Date(s)

057 01
1932
12.50

Historical Map - Segment A13



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

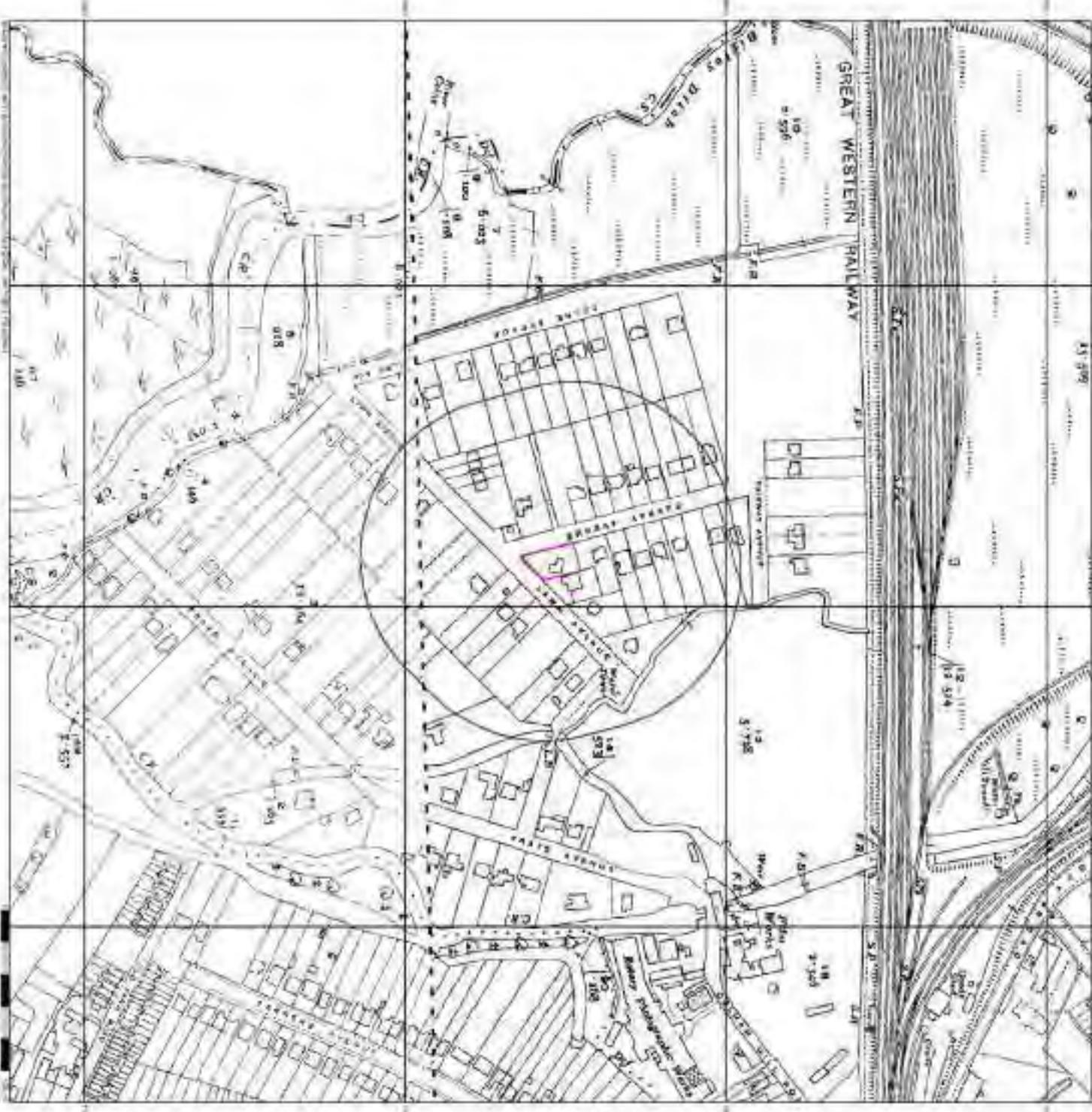
Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Middlesex

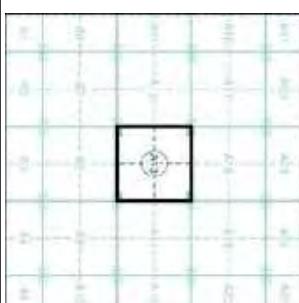
Published 1934 - 1935 Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1866 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)	
—	—
—	014 11 1934 1:2,500
—	014 15 1935 1:2,500

Historical Map - Segment A13



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Ordnance Survey Plan Published 1964

Source map scale - 1:1,250

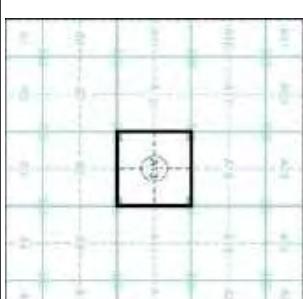
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1866 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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.



Historical Map - Segment A13

Map Name(s) and Date(s)

TO0550SW	TO0550SE
1984	1984
1:1250	1:1250
TO0559NW	TO0559NE
1984	1984
1:1250	1:1250



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

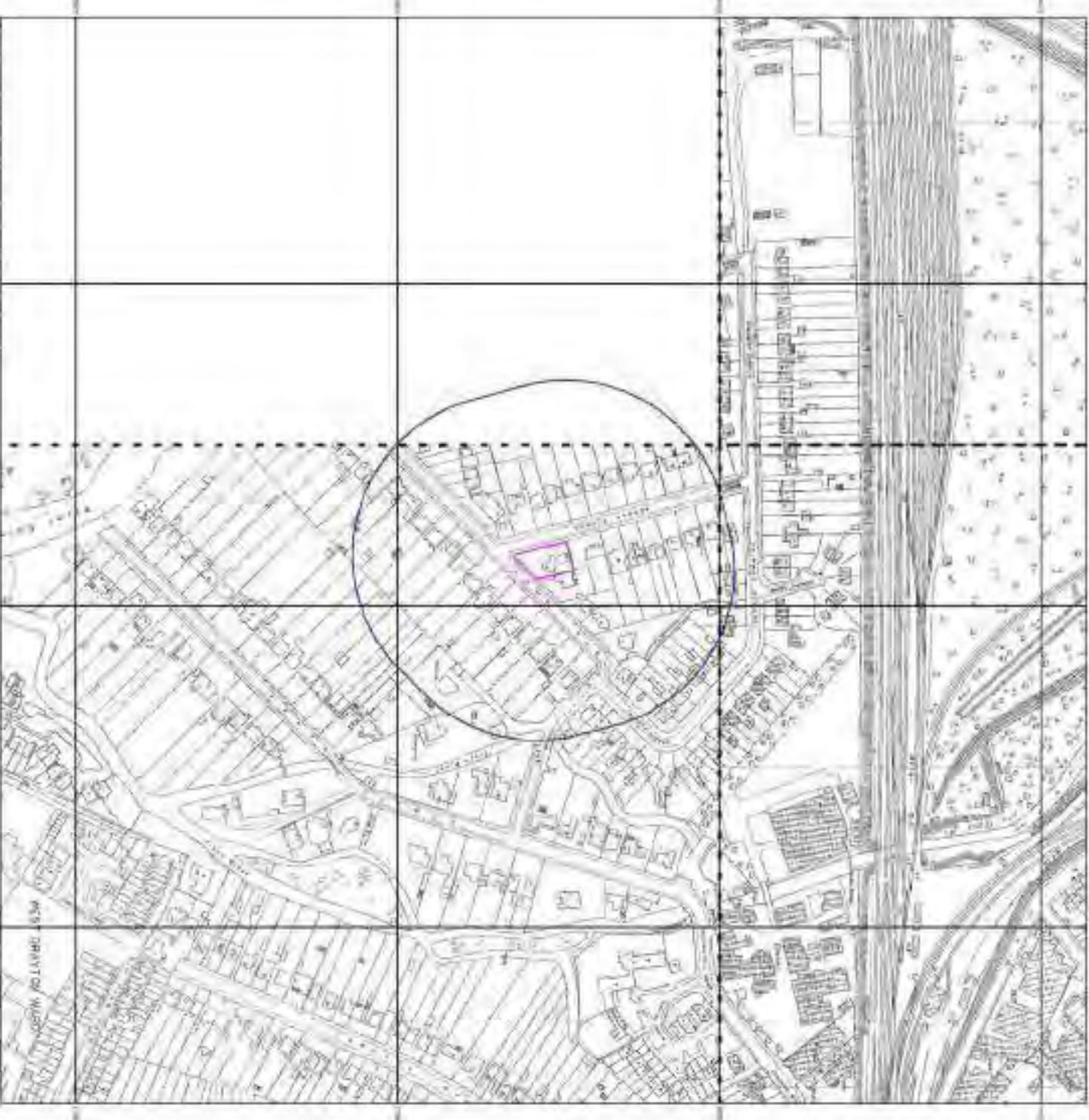
Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Additional SIMs

Published 1964 - 1987 Source map scale - 1:1,250

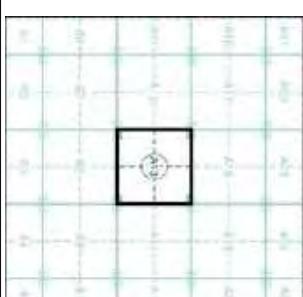
The SIM cards (Ordnance Survey's "Survey of Information on Microfilm") are further minor editions of mapping which were produced and published in 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.



Historical Map - Segment A13

Map Name(s) and Date(s)

TO5605SW	TO5605SE
1984	1984
11250	11250
TO5759NE	TO5759NE
1987	1987
11250	11250



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Ordnance Survey Plan Published 1968 - 1975

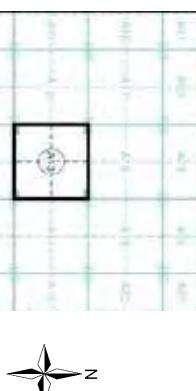
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1866 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)

TO5505SW	TO5505SE
1972	1988
1:1250	1:1250
TO5505NW	TO5505NE
1975	1972
1:1250	1:1250

Historical Map - Segment A13



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Ordnance Survey Plan

Published 1970

Source map scale - 1:2,500

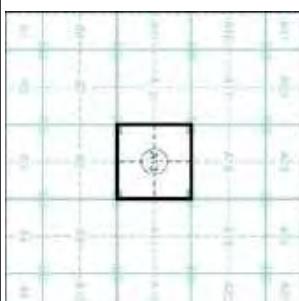
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1866 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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)

TO50580	1970
	12:500
TO50579	1970
	12:500

Historical Map - Segment A13



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Supply of Unpublished Survey Information

Published 1974 - 1976

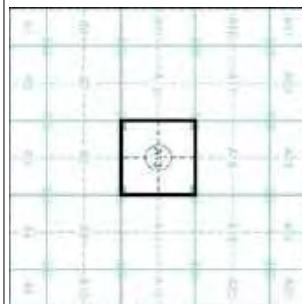
Source map scale - 1:1,250

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 1:12,500 and 1:1,250 scales.



Map Name(s) and Date(s)	
TQ0560SW	1976
	1:1,250
TQ0579NE	1974
	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: TQ05570, 179890
Site: A
Site Area (Ha): 0.06
Search Buffer (m): 100

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Additional SIMs

Published 1977 Source map scale - 1:1,250

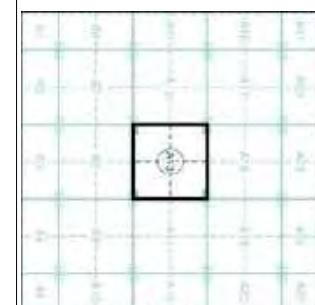
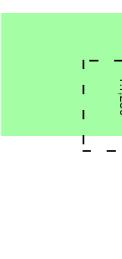
The SIM cards (Ordnance Survey's "Survey of Information on Microfilm") are further minor editions of mapping which were produced and published in 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.



Map Name(s) and Date(s)

TOOTSBOROUGH
1977
1:1,250

Historical Map - Segment A13



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Additional SIMs

Published 1987

Source map scale - 1:1,250

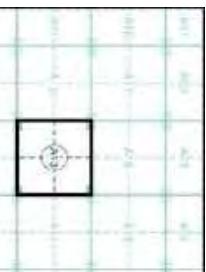
The SIM cards (Ordnance Survey's "Survey of Information on Microfilm") are further minor editions of mapping which were produced and published in 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.



Map Name(s) and Date(s)

TOOTSBOROUGH
1987
1:1,250

Historical Map - Segment A13



Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Large-Scale National Grid Data Published 1992

Source map scale - 1:1,250

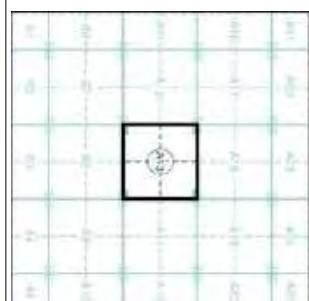
Large-Scale National Grid Data, superseded SIM cards (Ordnance Survey's Survey of Information on Microfilm) in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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



Historical Map - Segment A13

Map Name(s) and Date(s)

TO050SW	TO050SE	1992
1992	1992	11:250
11:250	11:250	11:250
TO055SW	TO055NE	1992
1992	1992	11:250
11:250	11:250	11:250

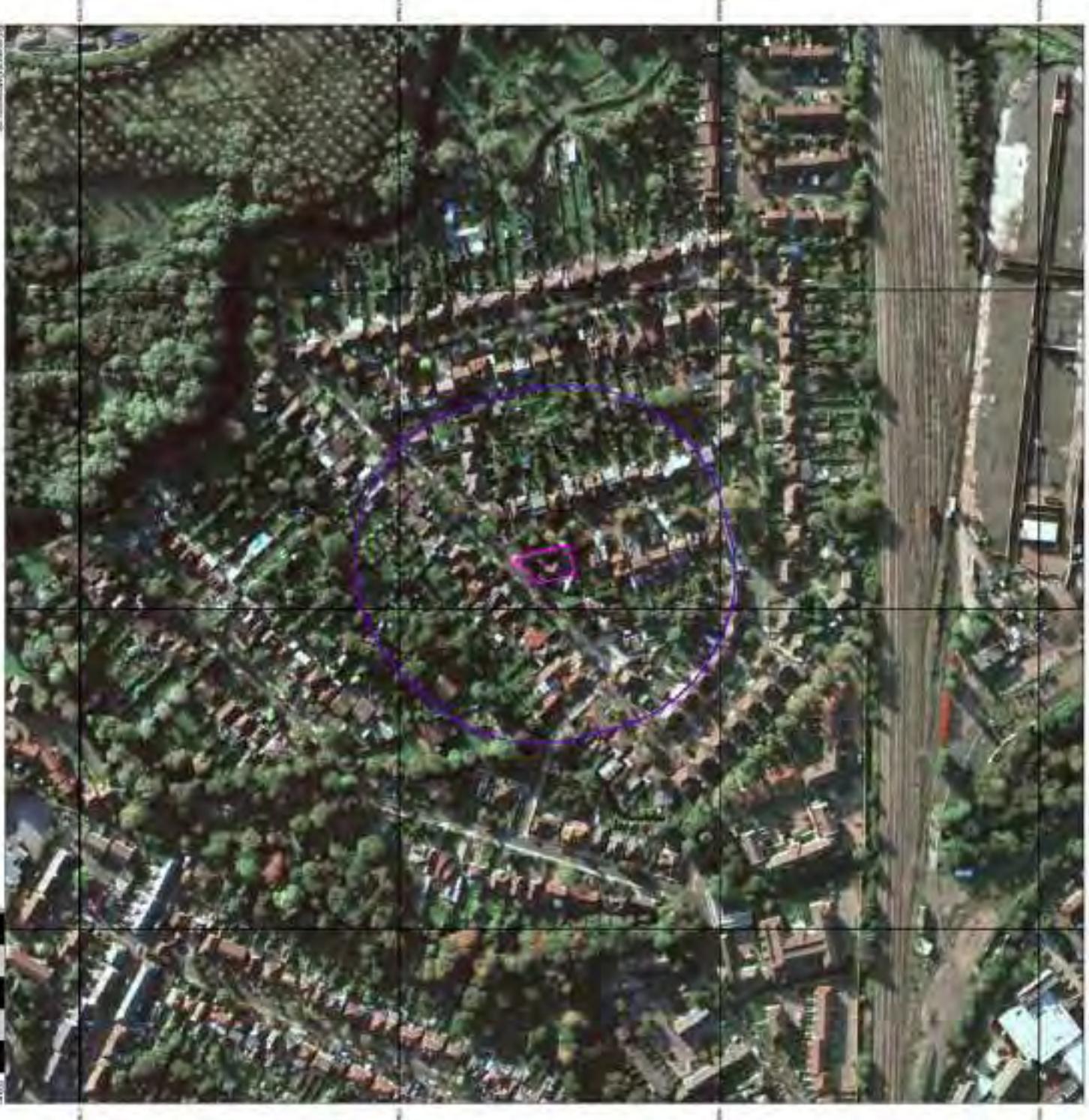


Order Details

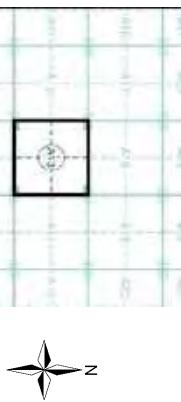
Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 178990
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ



Historical Aerial Photography - Segment A13



Historical Aerial Photography

Published 1999

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

Envirocheck

Order Details

Order Number: 3502111139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 100

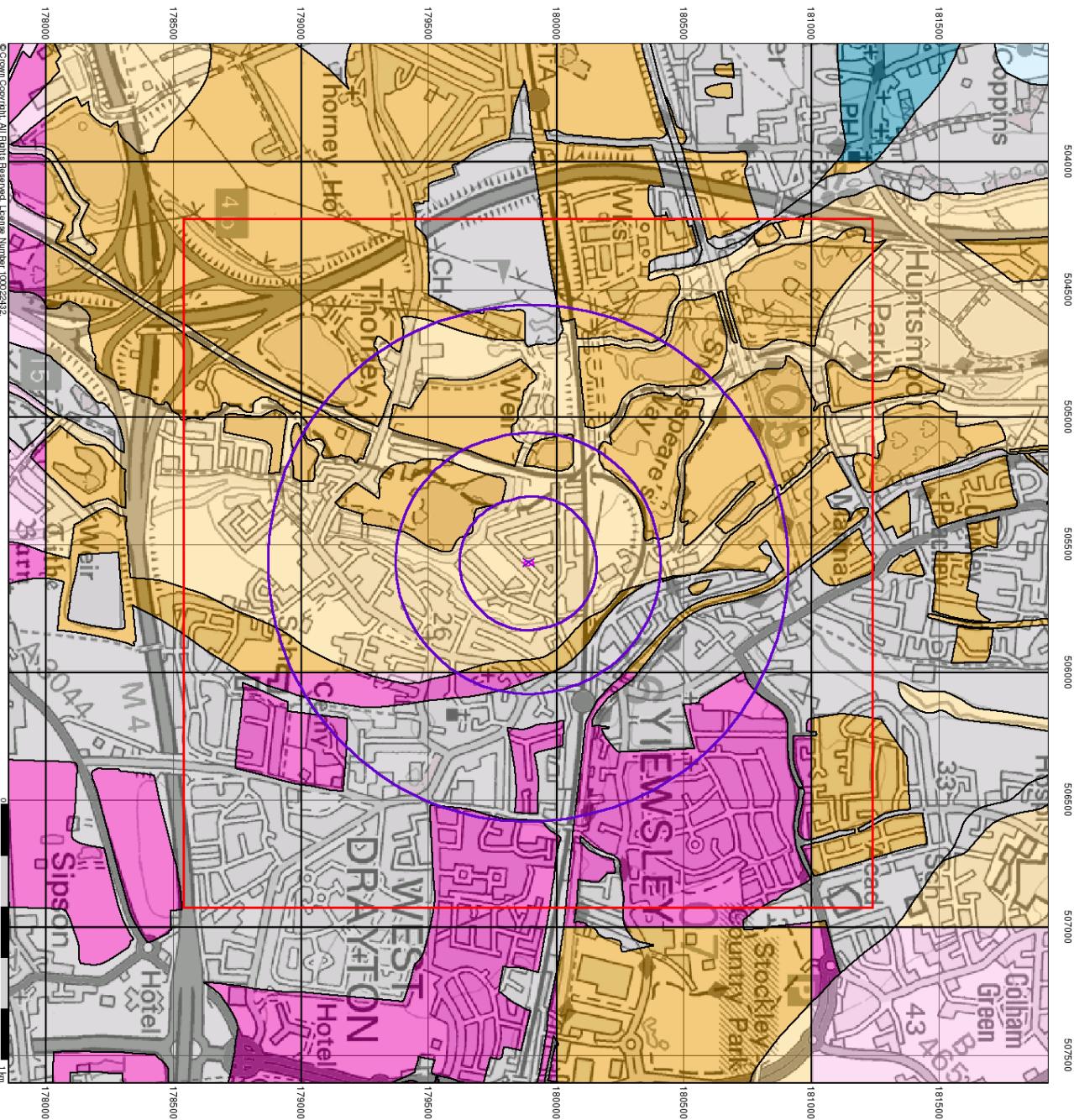
Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

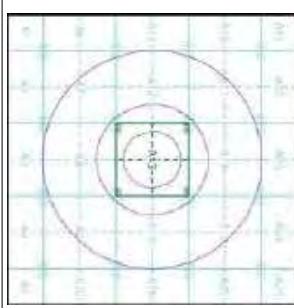
Landmark ®
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Groundwater Vulnerability



Site Sensitivity Context Map - Slice A



Order Details

Order Number: 3502111139_1_1
 Customer Ref: 06481
 National Grid Reference: 505570, 179800
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Bedrock Aquifer Designation

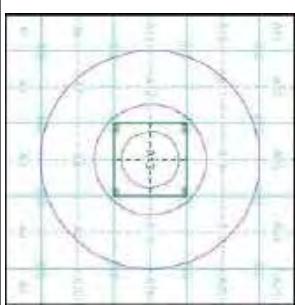
General	Specified Site	Specified Buffer(s)	Bearing Reference Point

Geological and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



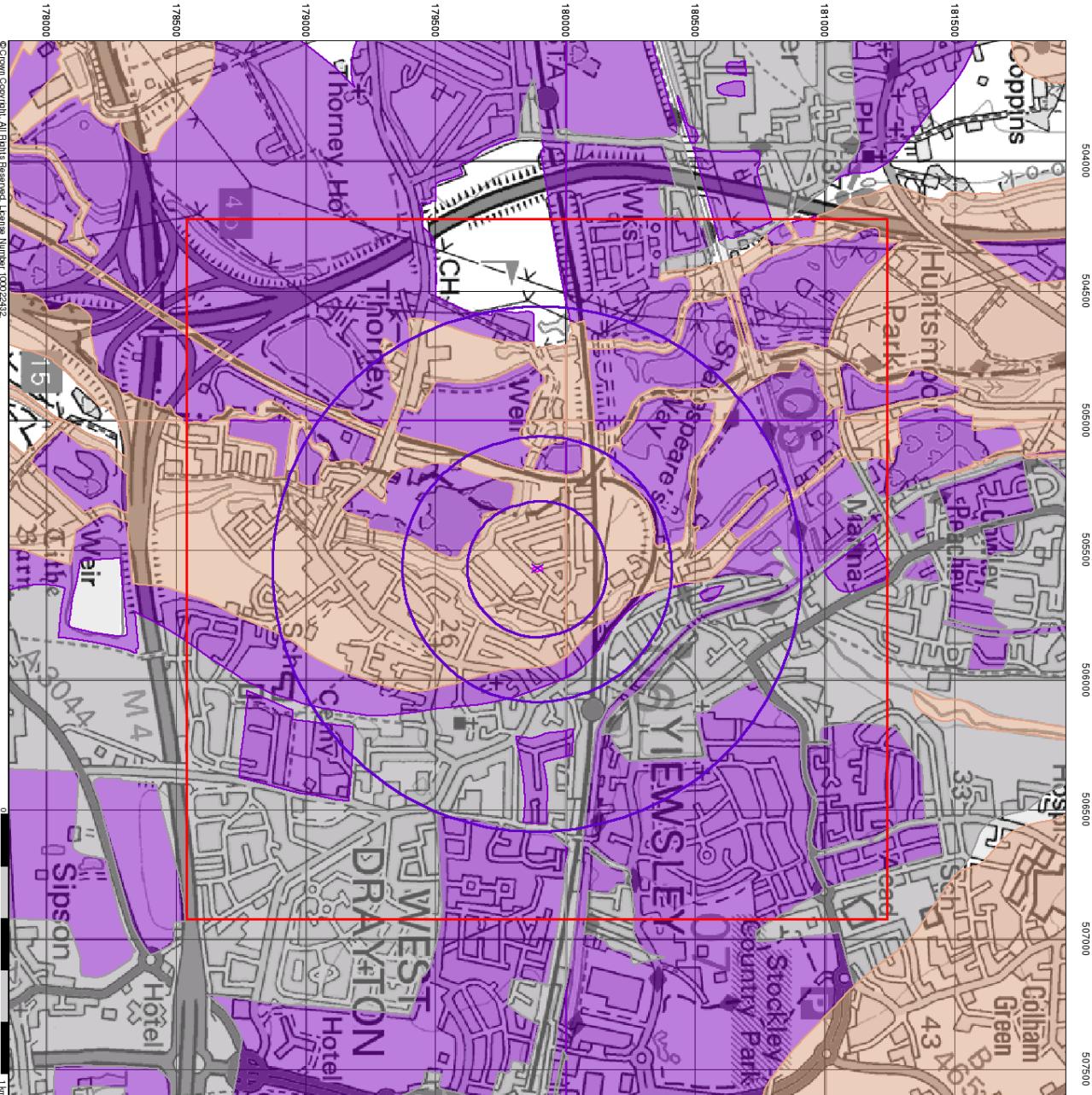
Order Details

Order Number: 3502111139_1_1
Customer Ref: 06481
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

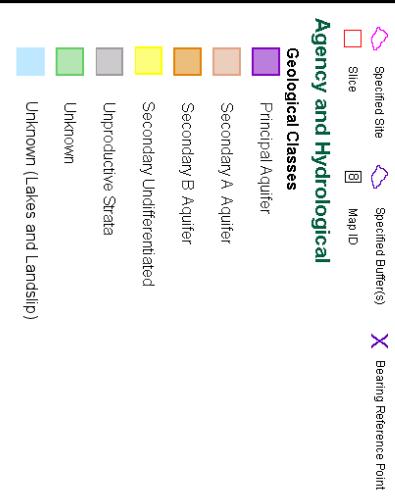
Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

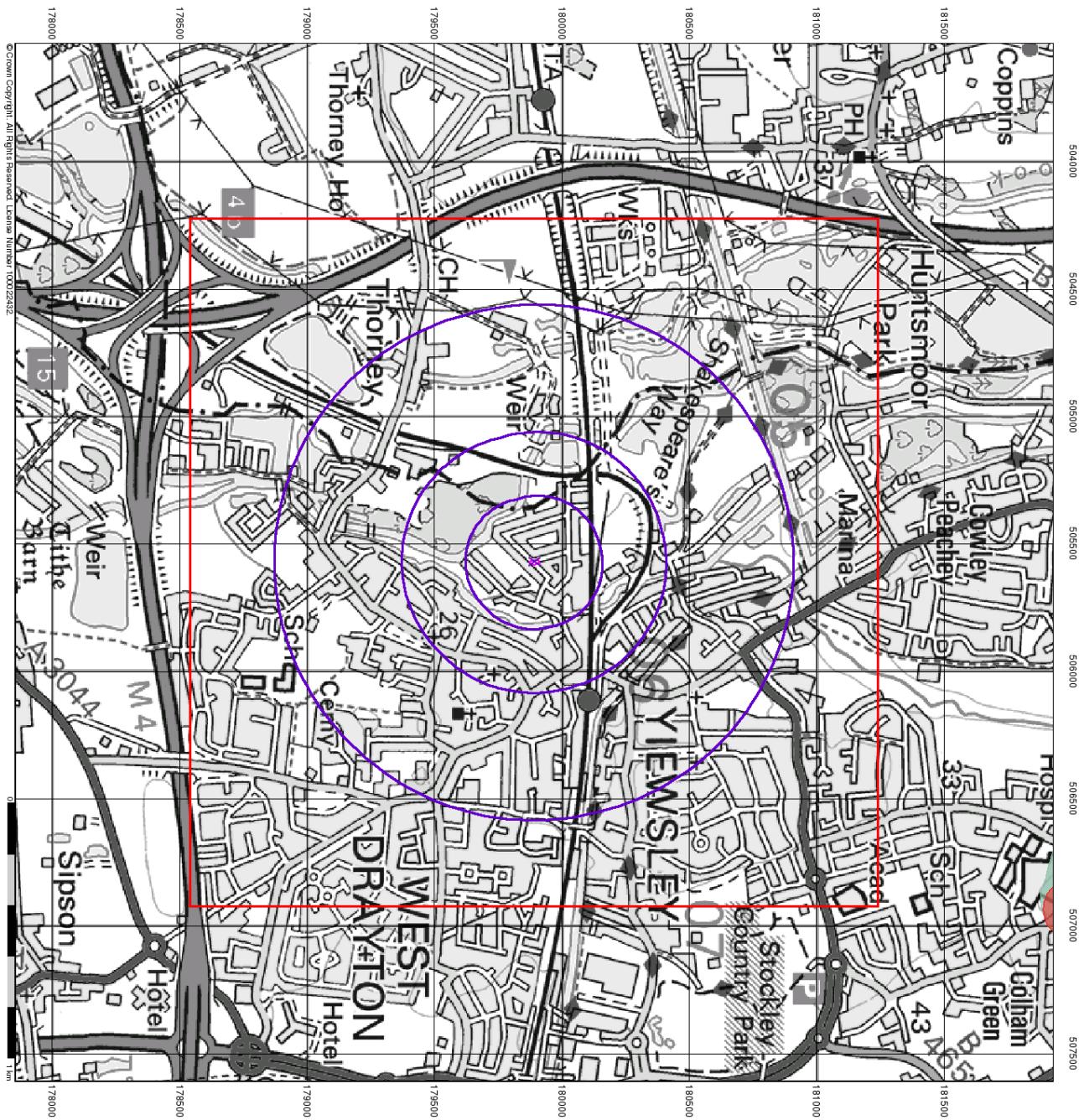
Superficial Aquifer Designation



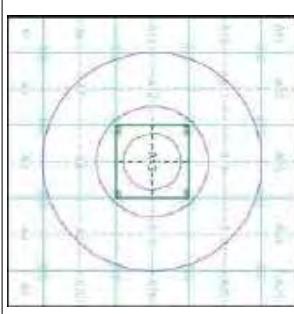
Site Sensitivity Context Map - Slice A



Source Protection Zones



Site Sensitivity Context Map - Slice A



Order Details

Order Number: 350211139_1_1
 Customer Ref: 06481
 National Grid Reference: 505570, 179890
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

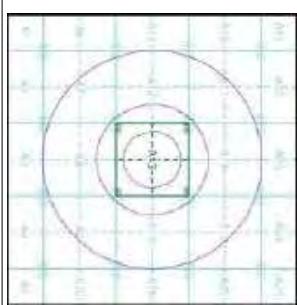
Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Sensitive Land Uses

General	Specified Site	Specified Buffer(s)	Map ID	Bearing Reference Point
■ Ancient Woodland	○ Specified Site	○ Specified Buffer(s)	Map ID	
□ Area of Adopted Green Belt				
□ Area of Indispensible 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



Order Details	
Customer Ref:	350211139_1_1
National Grid Reference:	06481
Slice:	A
Site Area (Ha):	0.06
Search Buffer (m):	1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

BGS Flood GFS Data

General

Specified Site

Slice

Specified Buffer(s)

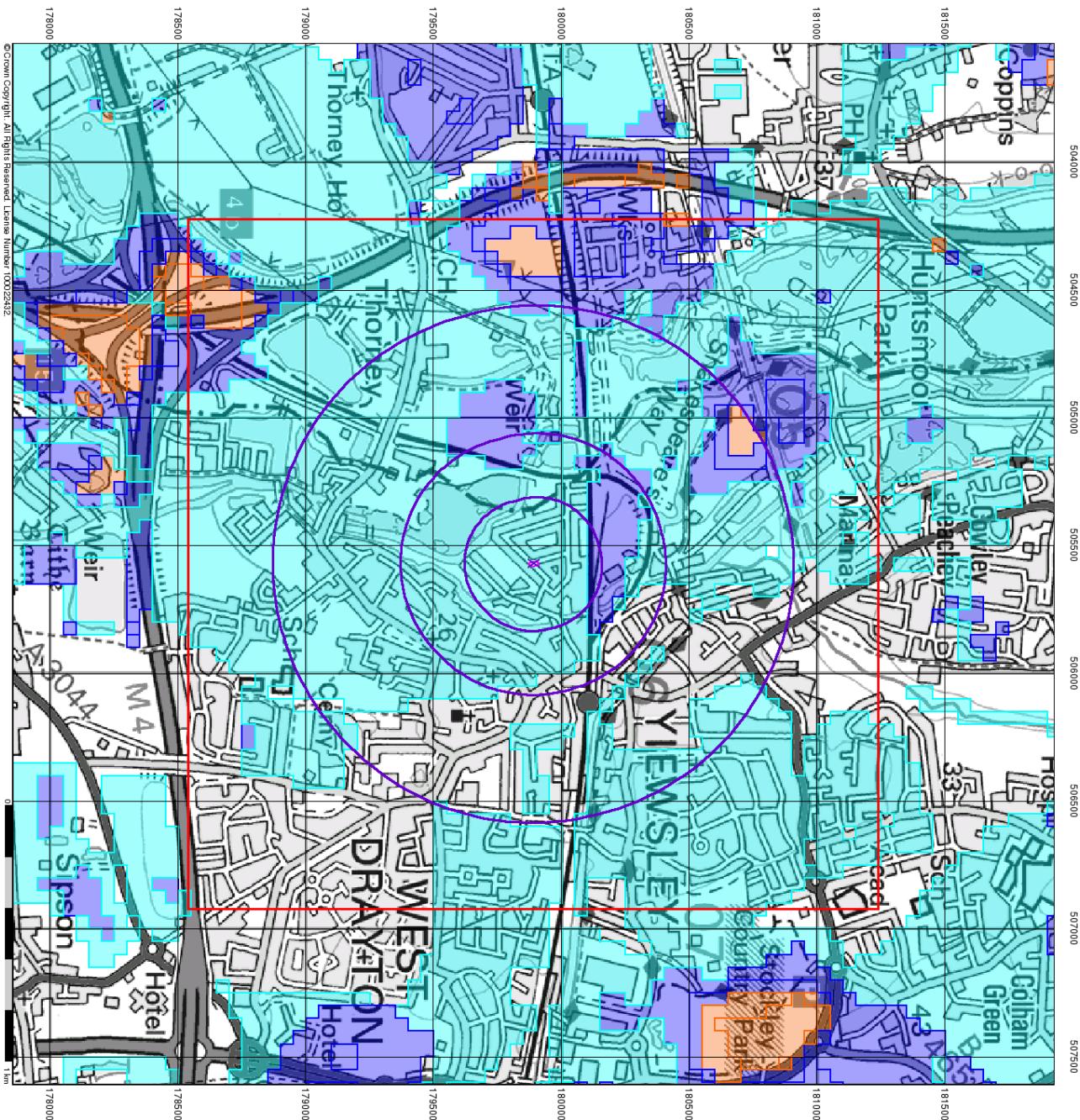
Bearing Reference Point

Agency and Hydrological (Flood)

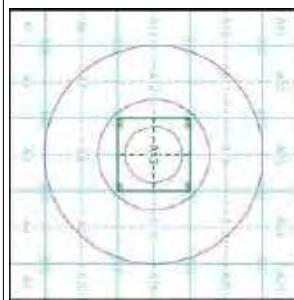
Limited Potential for Groundwater Flooding to Occur

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

Order Number: 350211139_1_1

Customer Ref: 06481

National Grid Reference: 505570, 179890

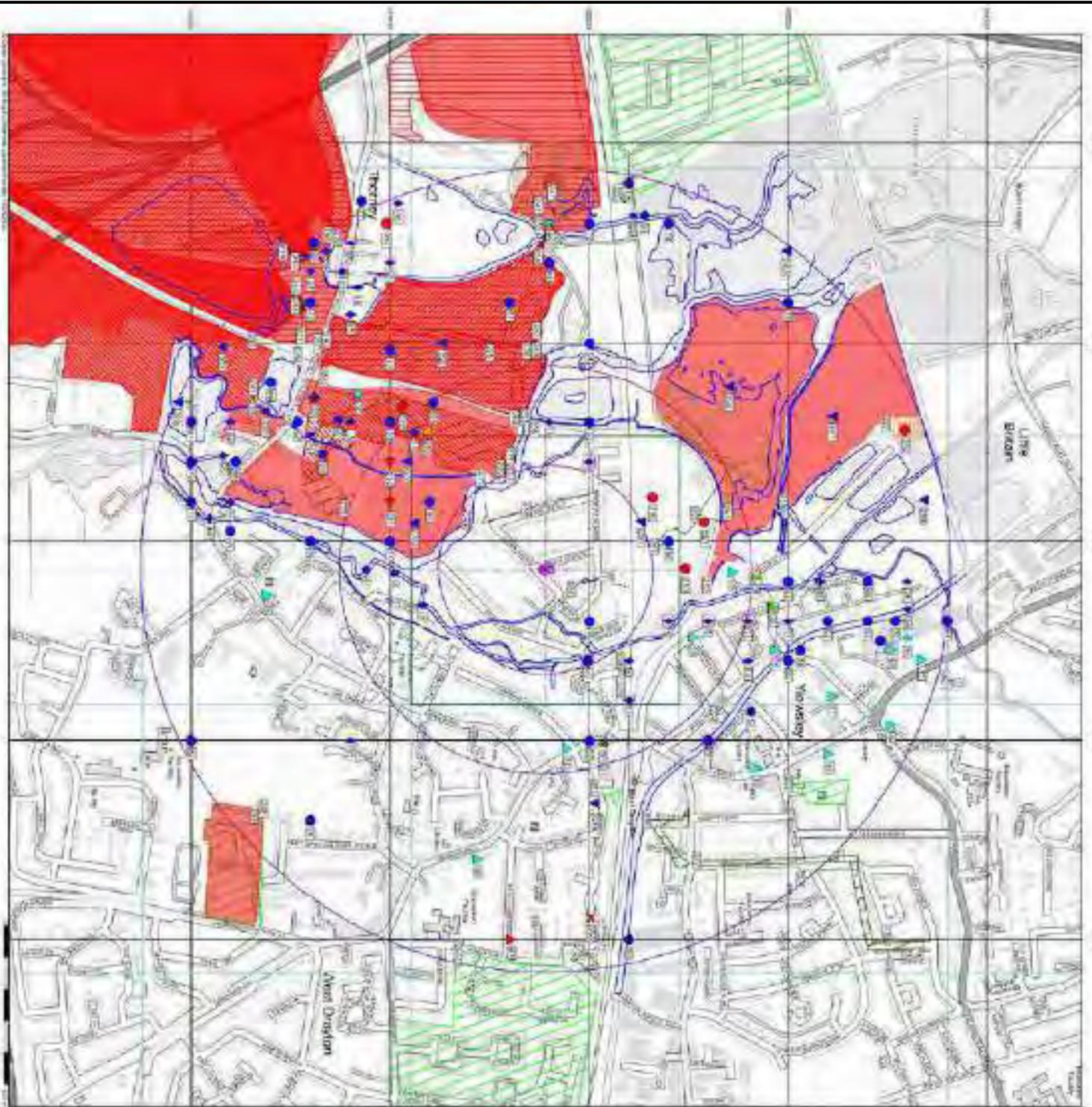
Slice: A

Site Area (Ha): 0.06

Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ



Envirocheck

Si |  * * * *   +             

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graph TD
    A[Geological] --> B[Hazardous Substances]
    A --> C[Non-Hazardous Substances]
    B --> D[Planning Hazardous Substance]
    B --> E[BGS Recorded Mineral Site]
  
```

- Present
Enforcement
- Registered Waste Transfer Site (location)
- Registered Waste Treatment or Disposal Site
(location)
- Registered Waste Treatment or Disposal Site

Order Details

Order Details
Order Number: 350211139_1_1
Customer Ref: 064631



Site Details

Site Details
10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

Landmark

Tel:
Fax:
Web:

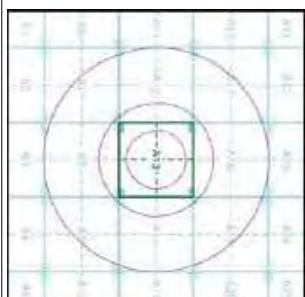
0844 844 9952
0844 844 9951
www.envirocheck.co.uk

Industrial Land Use Map

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 - Manufacturing and Production
- ★ Points of Interest - Education and Health
- ★ Points of Interest - Public Infrastructure
- ★ Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice A

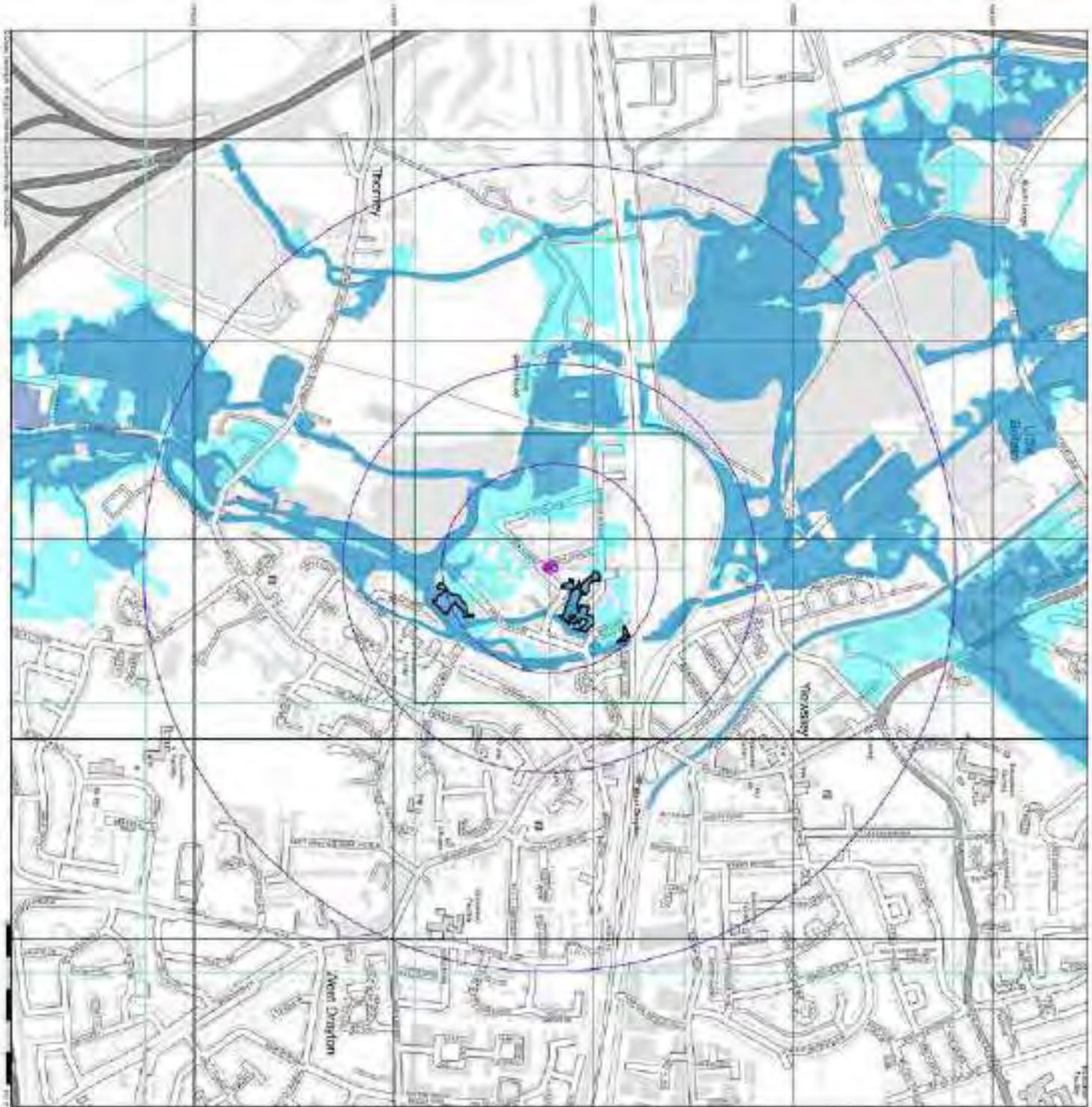


Order Details

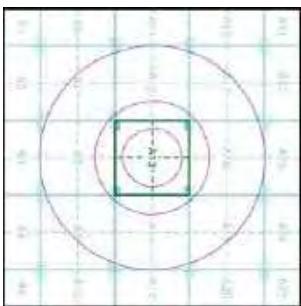
Order Number: 350211139_1_1
 Customer Ref: 06488L
 National Grid Reference: 505570, 179890
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAVTON, UB7 7AQ



Flood Map - Slice A



Order Details

Order Number: 350211139_1_1
 Customer Ref: 06488L
 National Grid Reference: 505570, 179890
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

Site Details

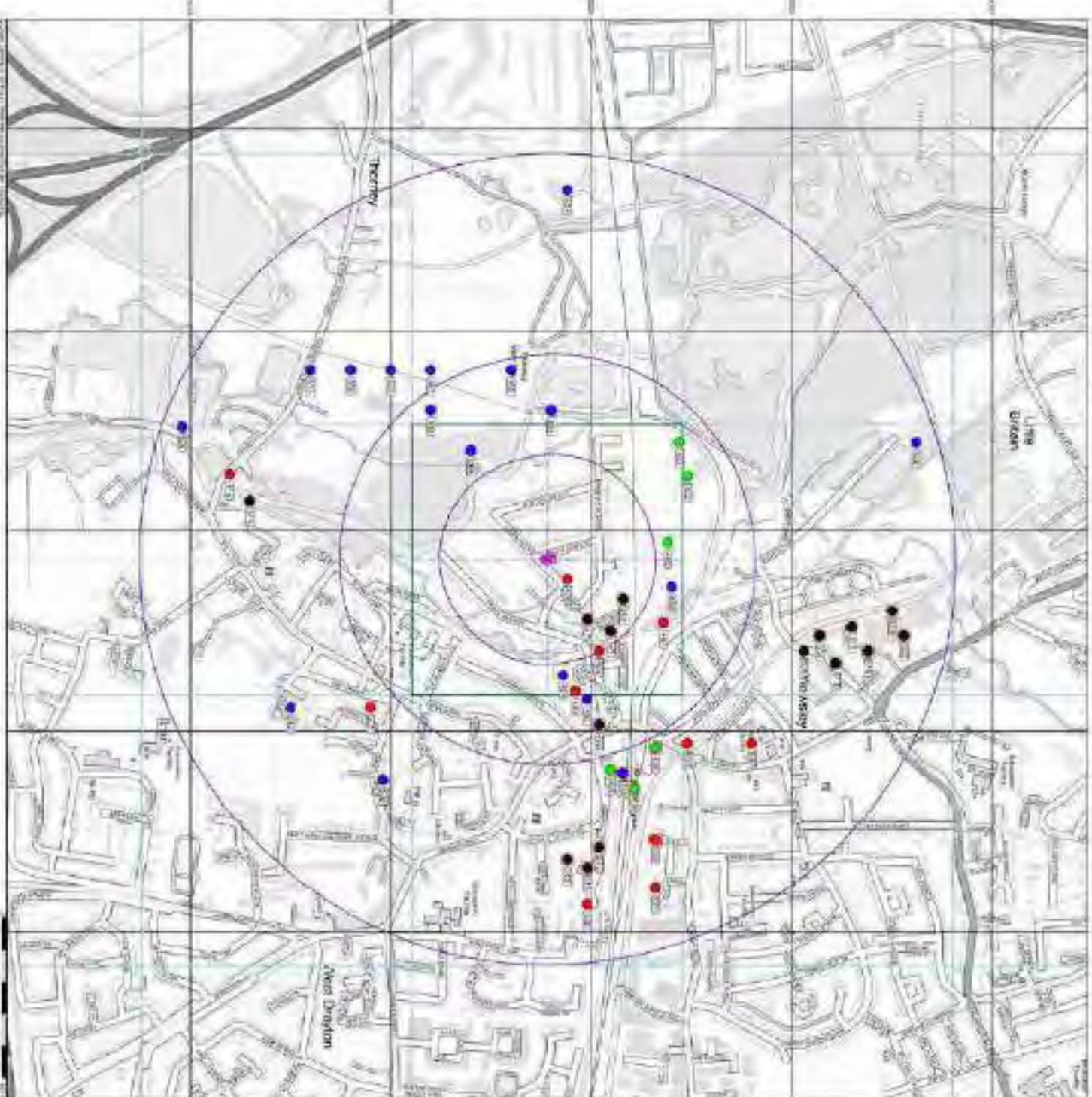
10, Lawn Avenue, WEST DRAWTON, UBB7 7AQ



Tel: 0844 844 9352
 Fax: 0844 844 9351
 Web: www.envirocheck.co.uk

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

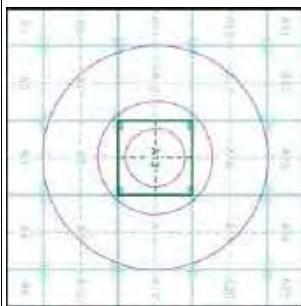


General
● Specified Site
○ Specified Buffer(s)
× Bearing Reference Point
■ Map ID
□ Search of Type at Location

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: 350211139_1_1
 Customer Ref: 06488L
 National Grid Reference: 505570, 179890
 Slice: A
 Site Area (Ha): 0.06
 Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UBB7 7AQ



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 or County

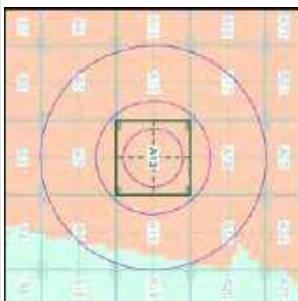
- County to town

- Town to street

- Street to parcels of land

- Property

EA/NRW Suitability Map - Slice A

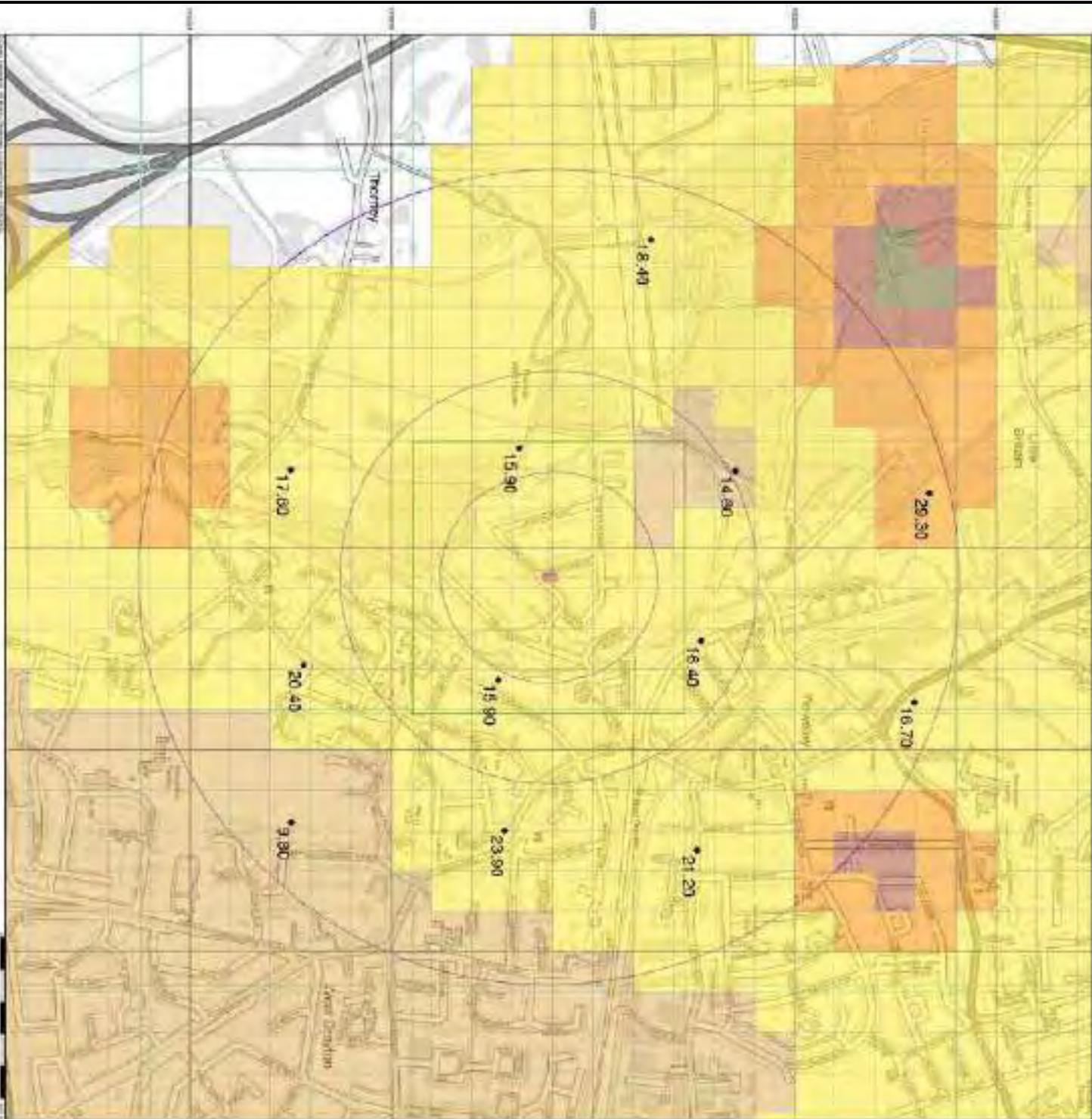


Order Details

Order Number: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search Buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ



Urban Soil Chemistry Arsenic - Slice A



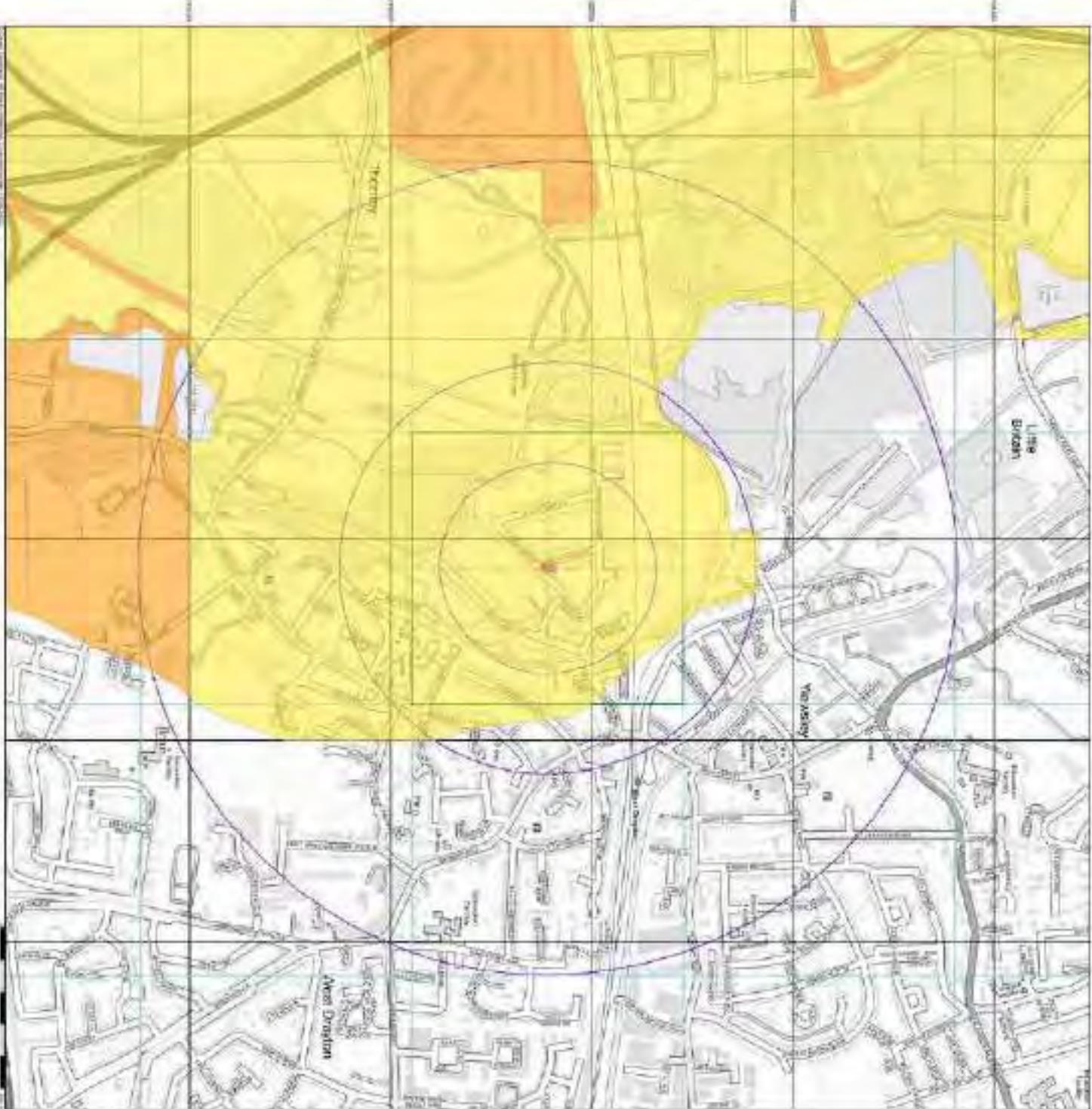
N

15.90
16.70
17.60
18.40
18.40
18.40
19.80
20.40
21.20
22.90
26.30

General
◊ Specified Site
○ Specified Buffer(s)
× Bearing Reference Point
Urban Soil Chemistry Arsenic
● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)
Arsenic Concentrations mg/kg

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

Order Details
Order Details: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search buffer (m): 1000
Site Details
10, Lawn Avenue, WEST DRAVTON, UBB7 7AQ



Estimated Soil Chemistry Arsenic - Slice A



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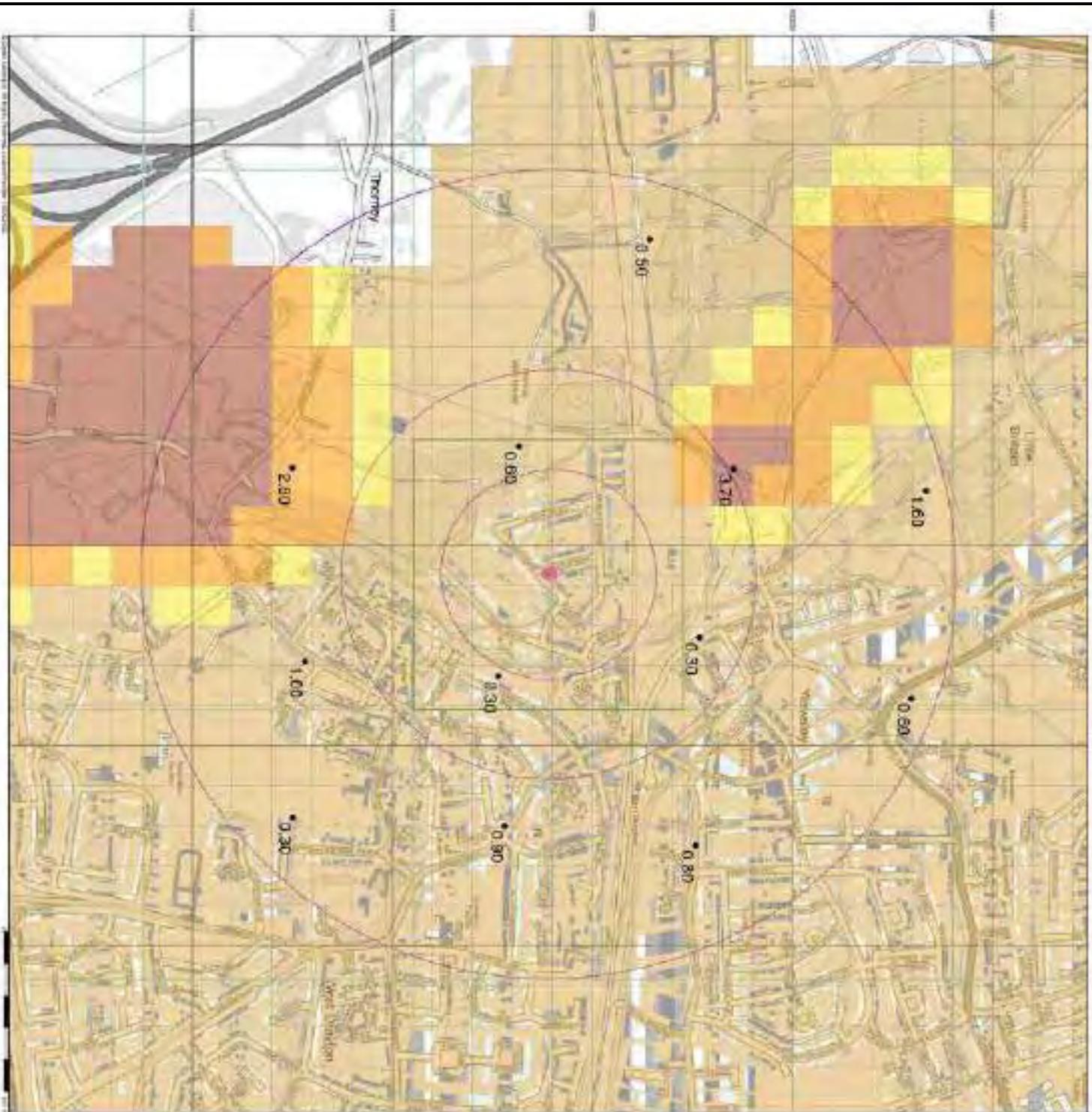
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Envirocheck

General

114

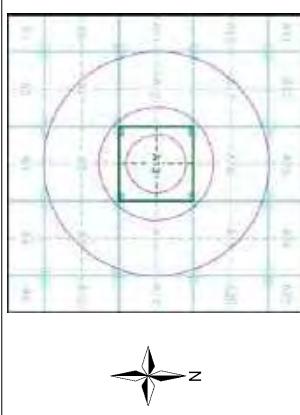
20

Preston Preston

Urban Soil Chemistry Cadmium

Cadmium Concentrations mg m^{-2}

Urban Soil Chemistry Cadmium - Slice A



Order Details

Order Details:
Customer Ref: 350211139_1_1
064881

National Grid Reference: J009, 0, 11, 38
Slices: 

Site Area (Ha): 5.116

Site Area (HA): 0.08

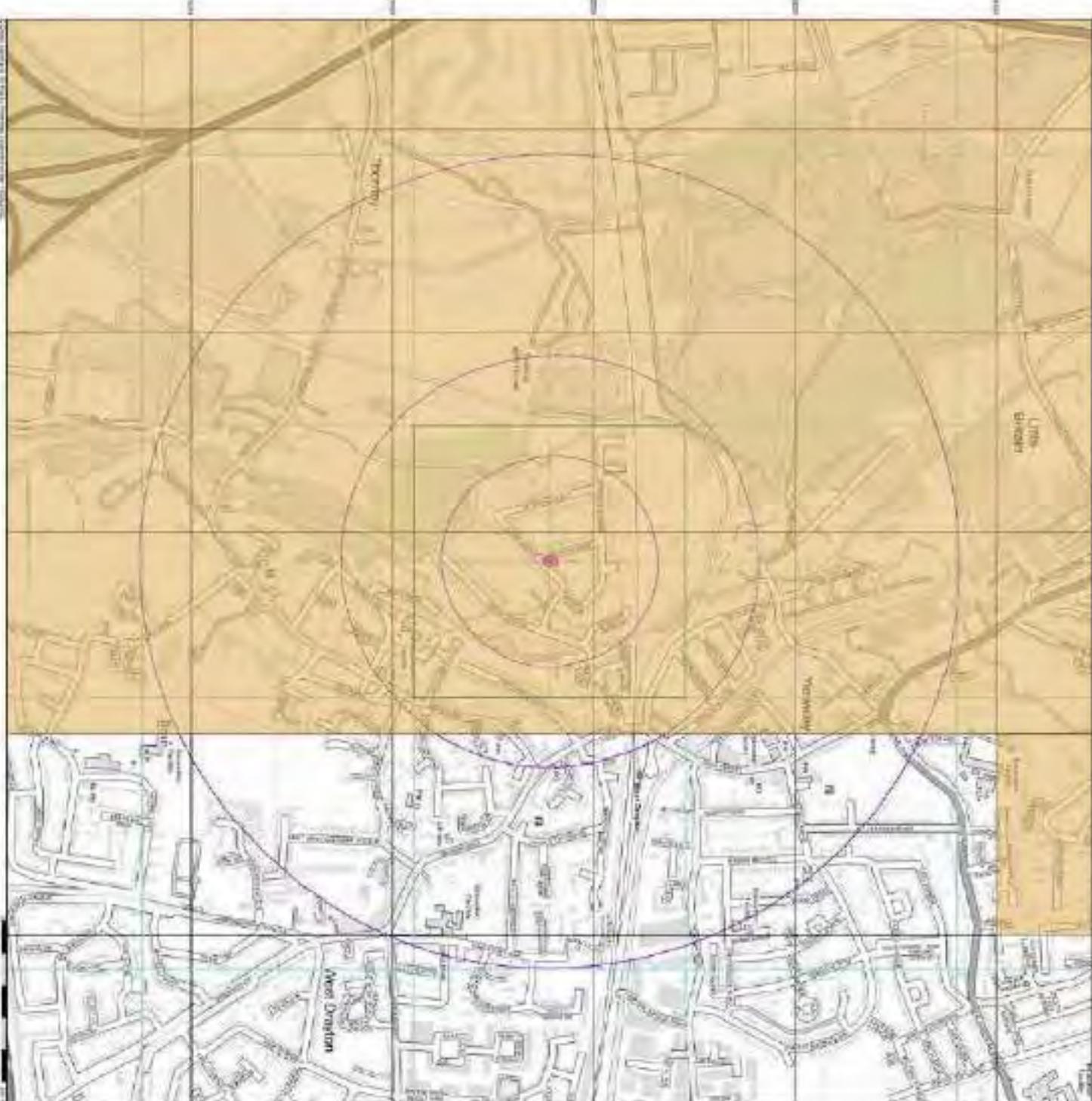
Search bullet (iii):

Site Details

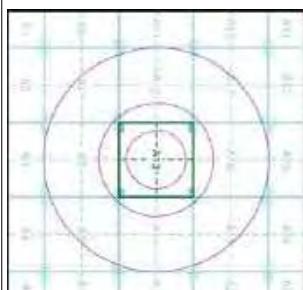
File Details

10, Lawn Avenue, WEST BROMWICH

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Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search buffer (m): 1000

Site Details

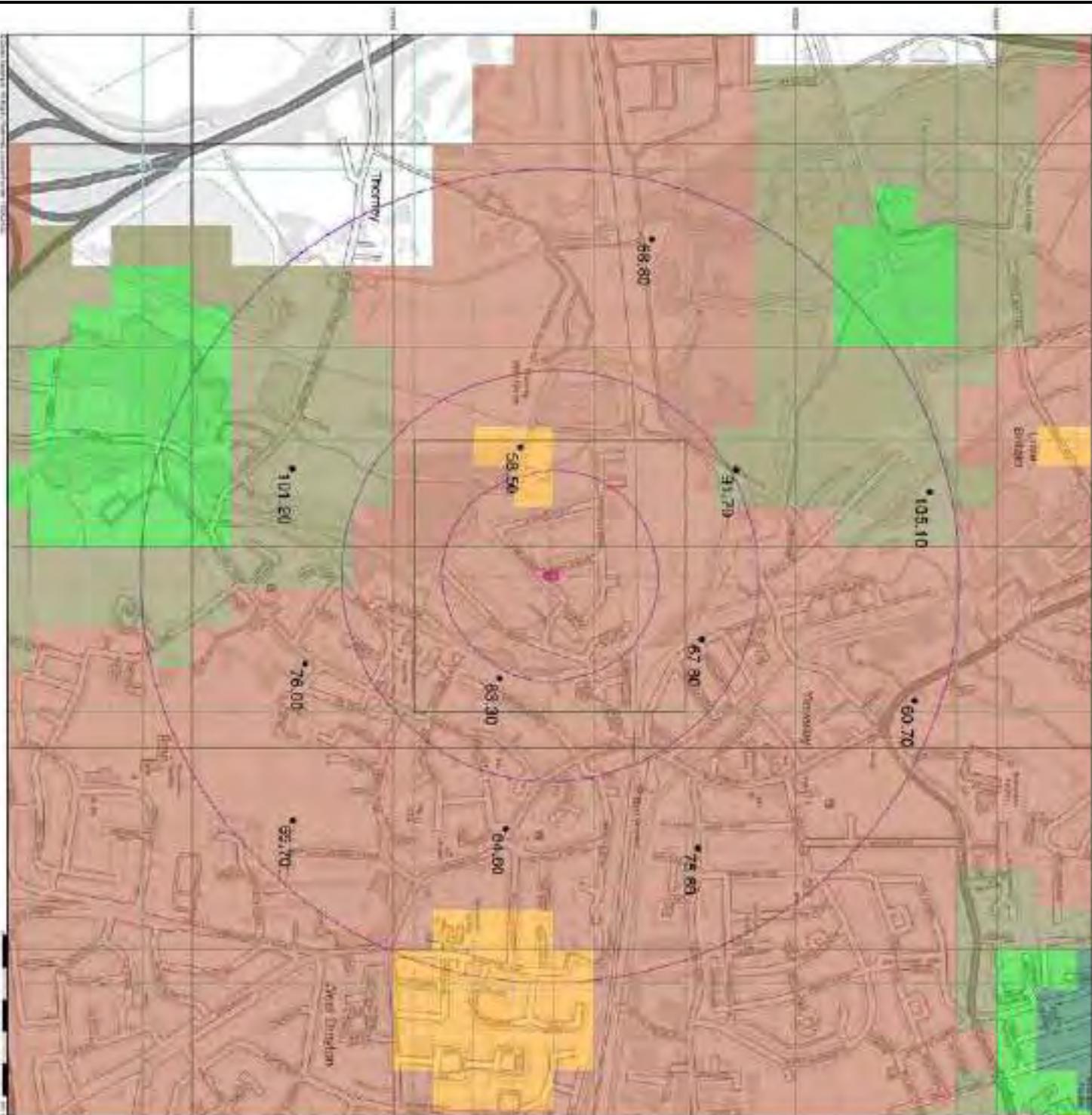
10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

General
Specified Site (Red polygon)
Specified Buffer (50m) (Purple circle)
Boring Reference Point (Purple X)

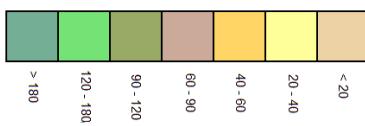
Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

< 1.8
1.8 - 2.2
2.2 - 3.0
> 3.0



Urban Soil Chemistry Chromium - Slice A



General

- Specified Site
- Specified Buffer(s)
- ✖ Boring Reference Point

Urban Soil Chemistry Chromium

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Chromium Concentrations mg/kg

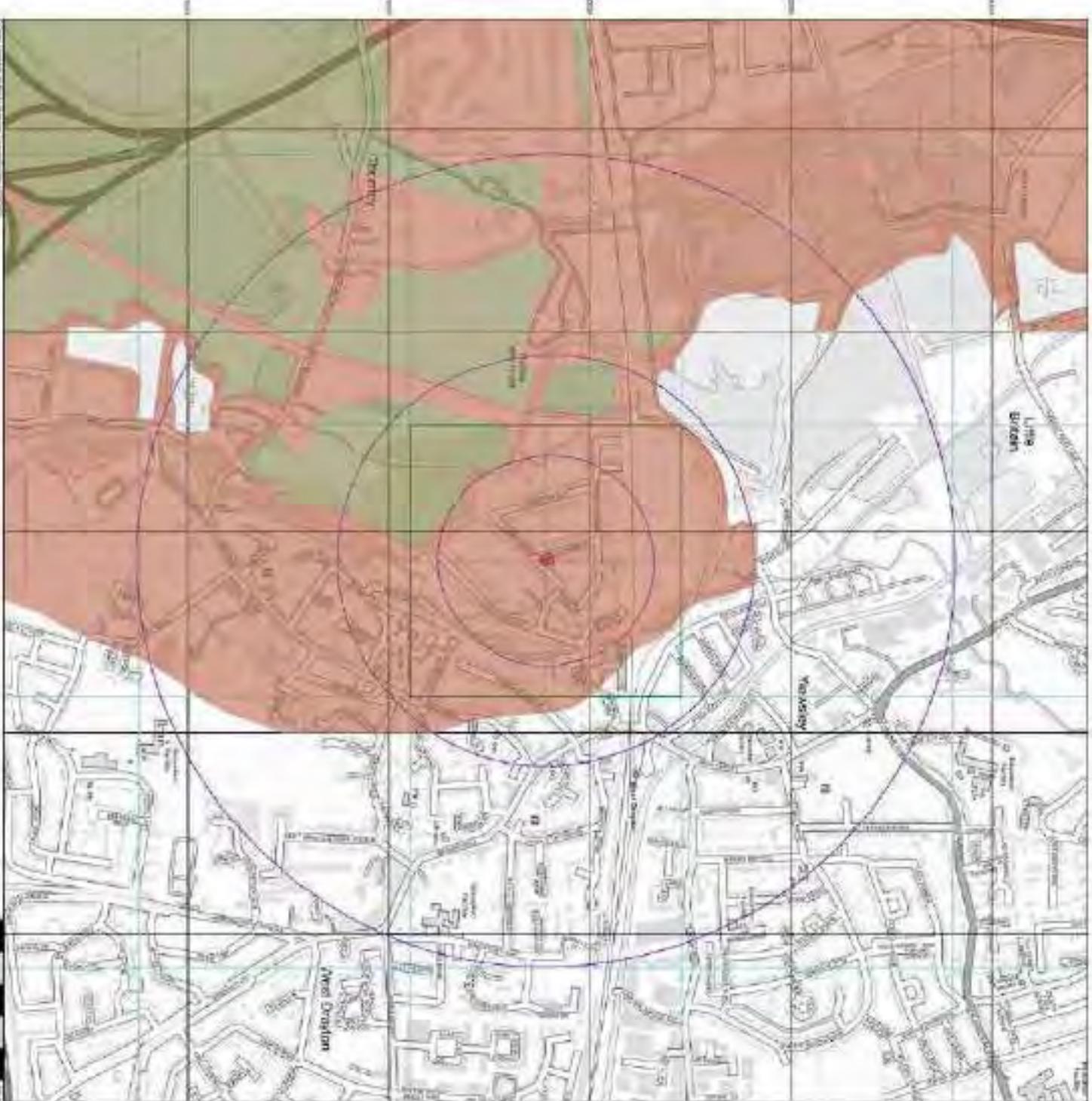
< 20
20 - 40
40 - 60
60 - 90
90 - 120
120 - 160
> 180

Order Details

Order Details: 350211139_1_1
 Customer Ref: 06488L
 National Grid Reference: 505570, 179890
 Slice: A
 Site Area (Ha): 0.06
 Search buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

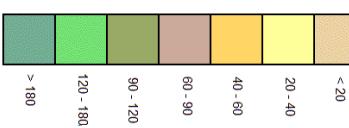


Envirocheck

General
◊ Specified Site
◊ Specified Buffer(s)
X Bearing Reference Point

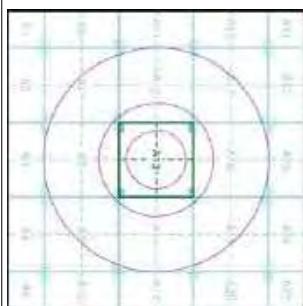
Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



> 180

Estimated Soil Chemistry Chromium - Slice A



Order Details

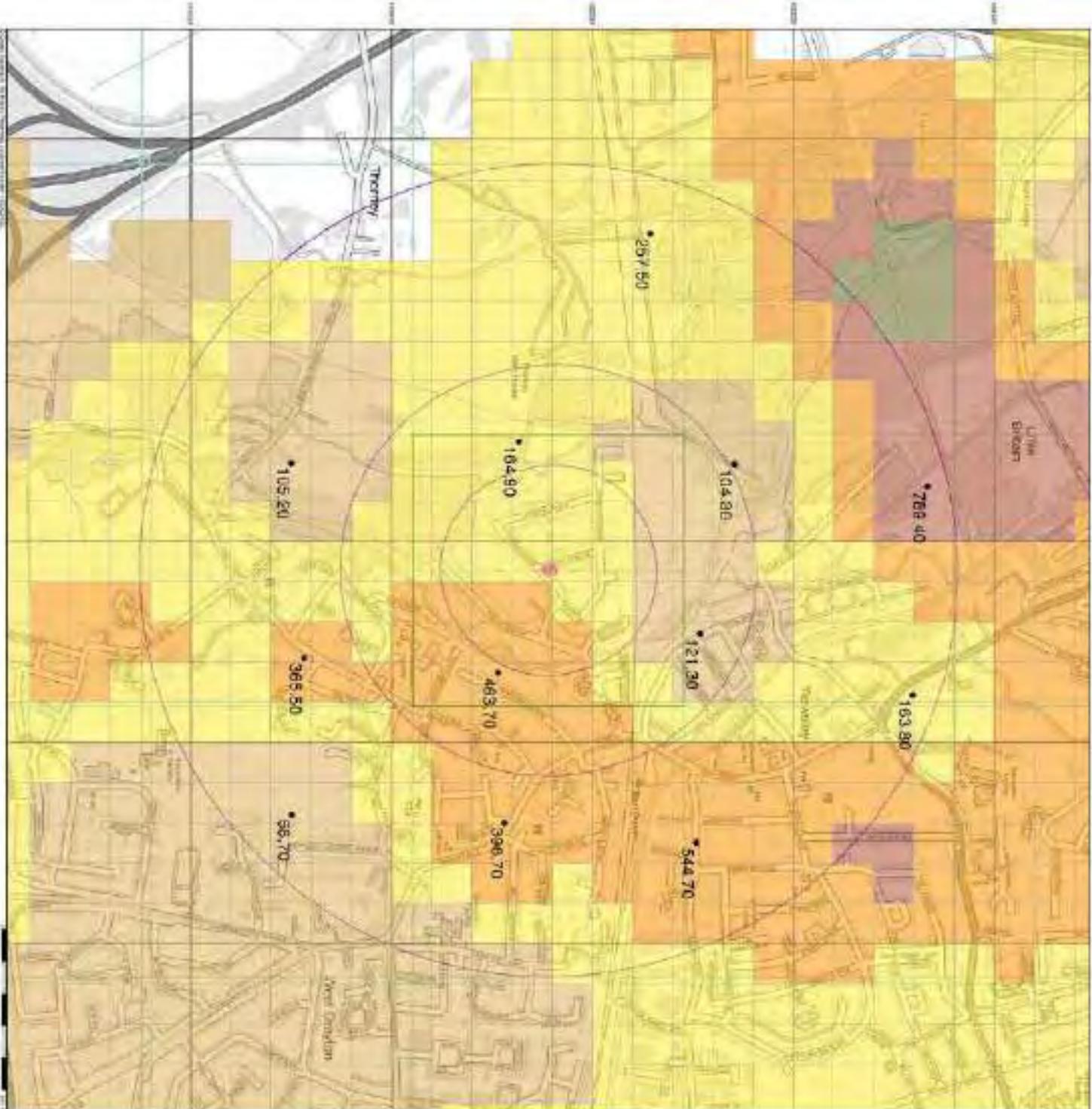
Order Details: 350211139_1_1
 Customer Ref: 06488L
 National Grid Reference: 505570, 179890
 Slice: A
 Site Area (Ha): 0.06
 Search buffer (m): 1000

Site Details

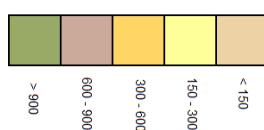
10, Lawn Avenue, WEST DRAWTON, UB7 7AQ

Landmark

Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



Urban Soil Chemistry Lead - Slice A



General



Urban Soil Chemistry Lead

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)
Lead Concentrations mg/kg

< 150

150 - 300

300 - 600

600 - 900

> 900

267.50

104.30

121.30

544.70

184.90

463.70

398.70

105.20

365.50

56.70

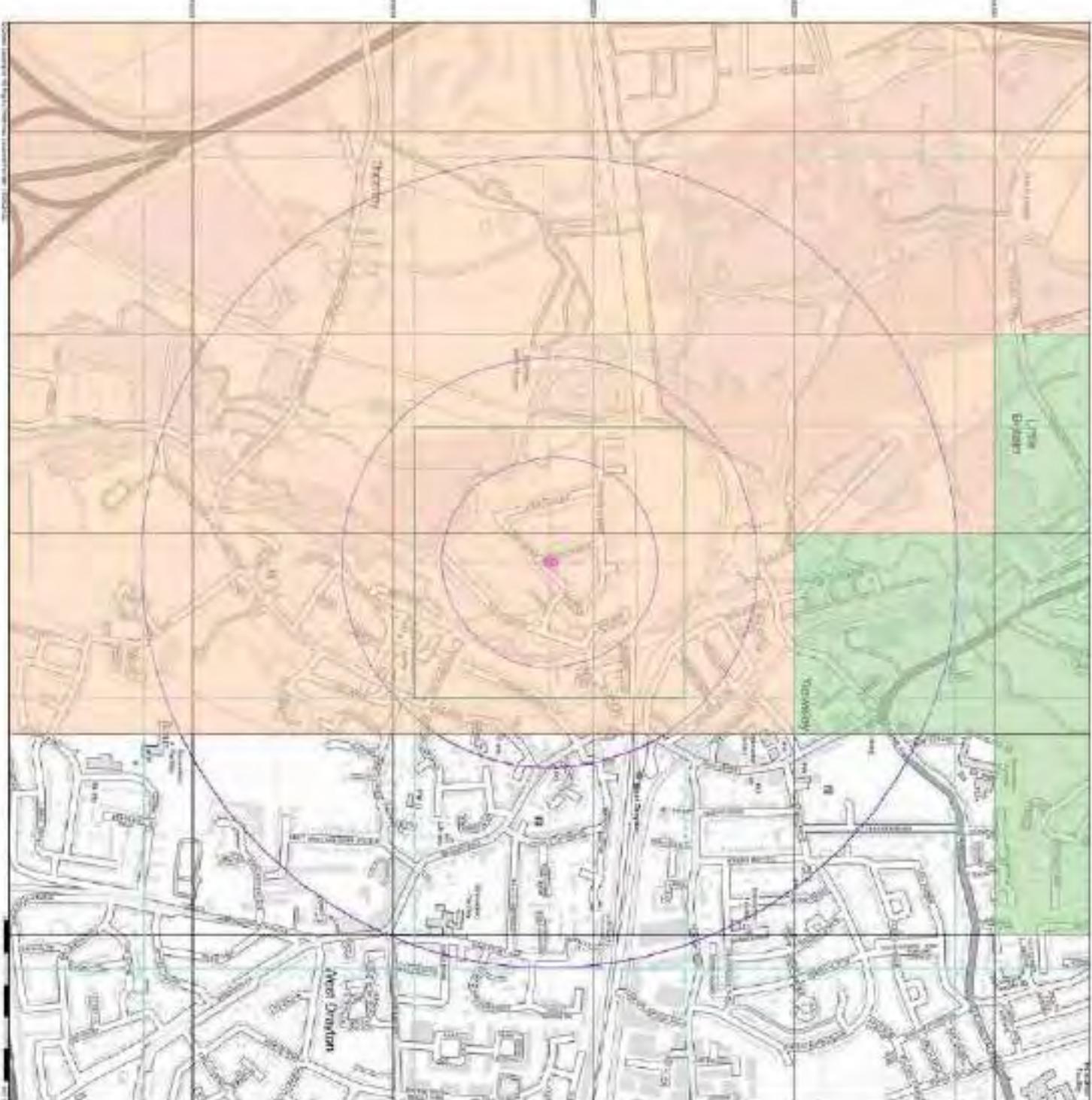
Order Details

Order Details: 350211139_1_1
Customer Ref: 06488L

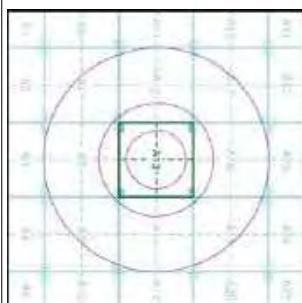
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAWTON, UB7 7AQ



Estimated Soil Chemistry Lead - Slice A



Estimated Soil Chemistry Lead - Slice A

General
● Specified Site
○ Specified Buffer (200m)
X Bearing Reference Point

Estimated Soil Chemistry Lead

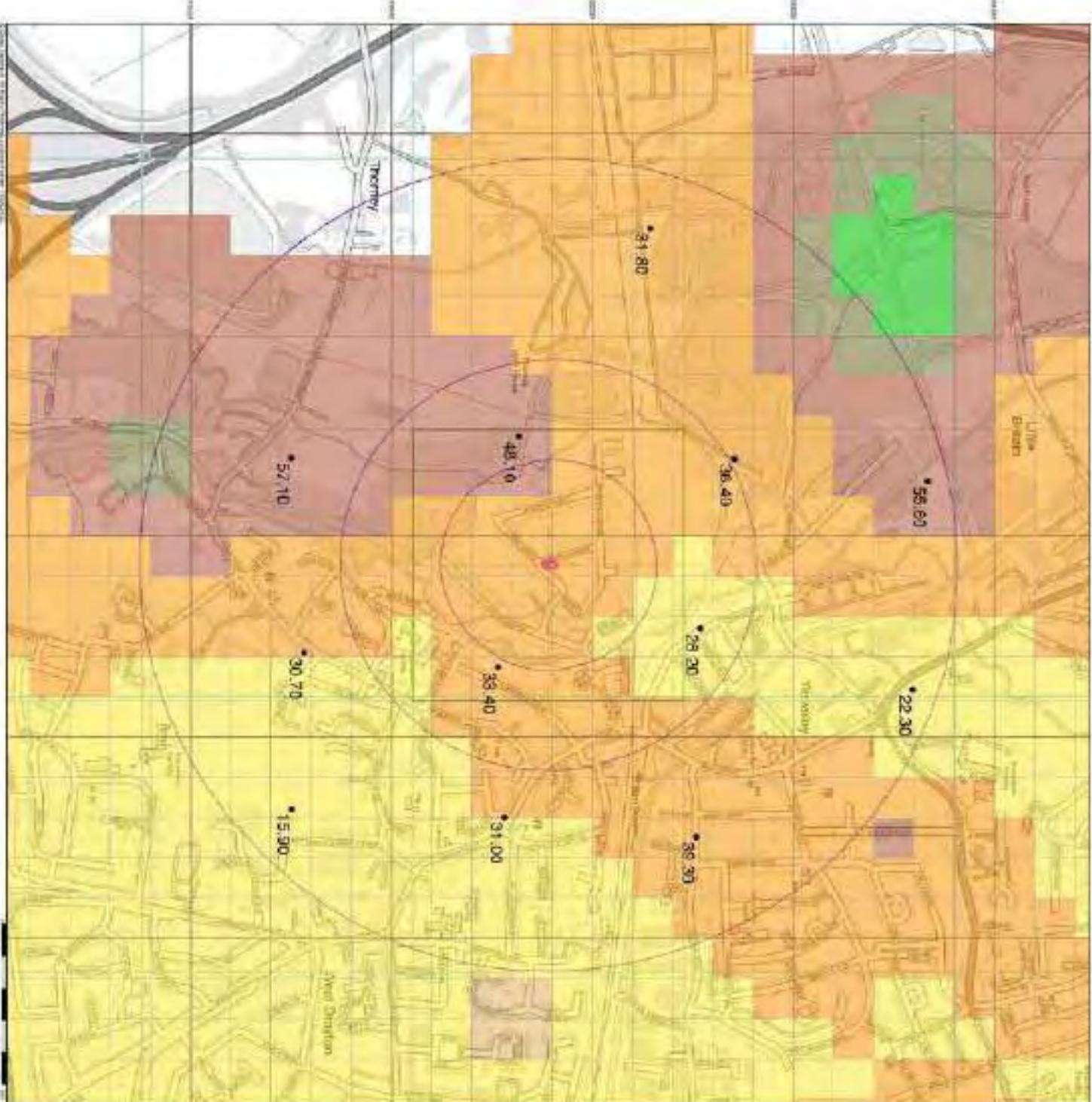
Lead Concentrations mg/kg

<100 mg/kg	orange
100 - 200	green
200 - 300	light blue
300 - 600	purple
600 - 1200	dark blue
>1200	cyan

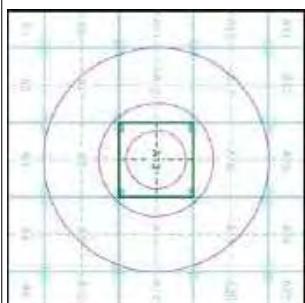
Order Details

Order Details: 350211139_1_1
 Customer Ref: 06488L
 National Grid Reference: 505570, 179890
 Slice: A
 Site Area (Ha): 0.06
 Search buffer (m): 1000

Site Details
 10, Lawn Avenue, WEST DRAYTON, UB7 7AQ



Urban Soil Chemistry Nickel - Slice A

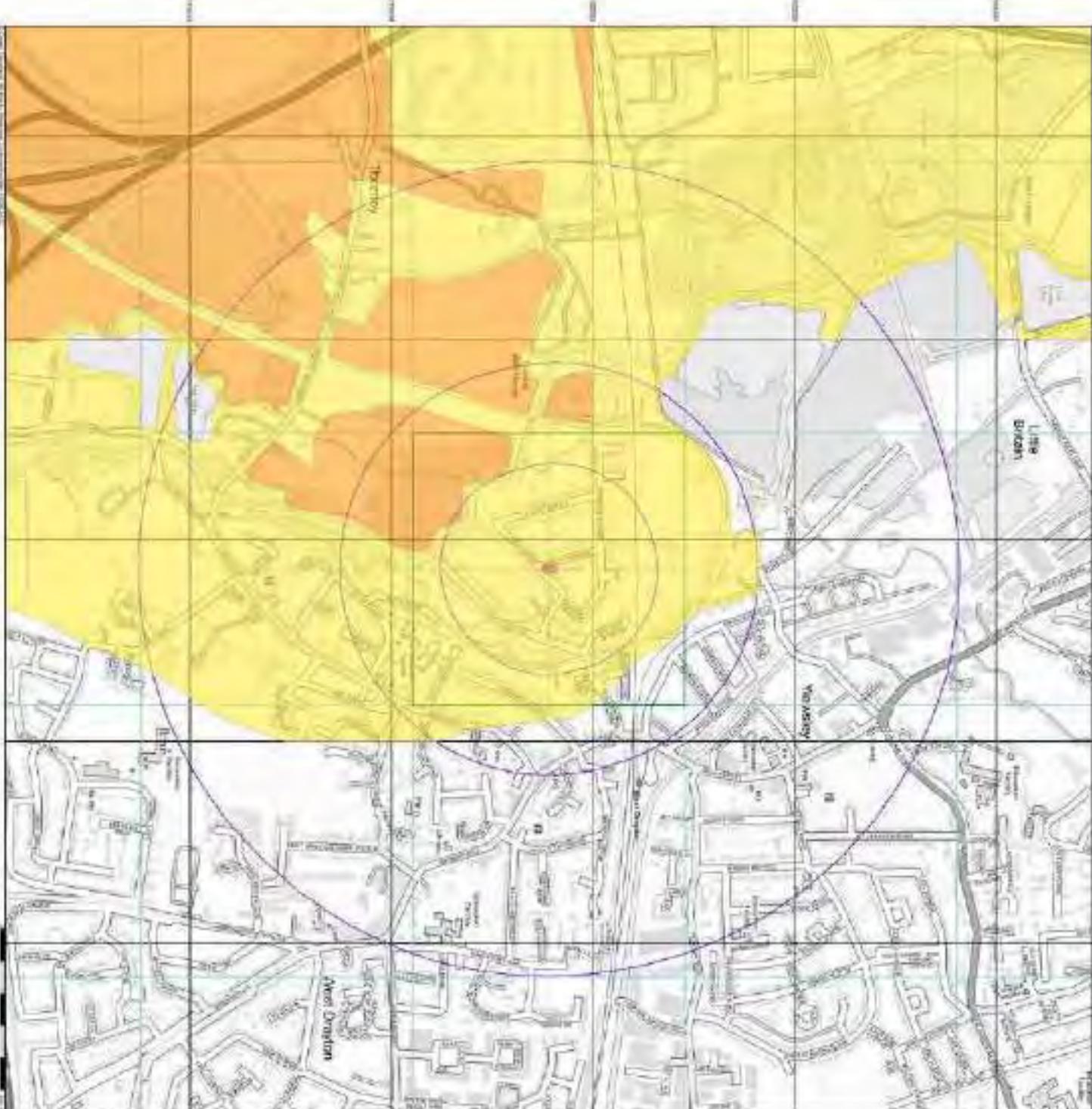


Order Details

Order Details: 350211139_1_1
 Customer Ref: 06488L
 National Grid Reference: 505570, 179890
 Slice: A
 Site Area (Ha): 0.06
 Search buffer (m): 1000

Site Details

10, Lawn Avenue, WEST DRAYTON, UB7 7AQ



General



Specified Buffer (2)



Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



<15



15-30



30-45



45-60



60-80

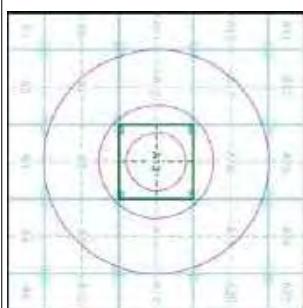


80-100



>100

Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 350211139_1_1
Customer Ref: 06488L
National Grid Reference: 505570, 179890
Slice: A
Site Area (Ha): 0.06
Search buffer (m): 1000

Site Details
10, Lawn Avenue, WEST DRAYTON, UB7 7AQ

PROJECT: 10 Lawn Terrace

West Drayton

UB7 7AQ

REF: 06488L

APPENDIX B

Searches

Asset Location Search



Property Searches

Stones Architects
50 Coldharbour Lane
HAYES
UB3 3EP

Search address supplied 10
Lawn Avenue
West Drayton
UB7 7AQ

Your reference 2023.030

Our reference ALS/ALS Standard/2024_5003846

Search date 11 June 2024

Notification of Price Changes

From 1st April 2024 Thames Water Property Searches will be increasing the prices of its CON29DW Residential and Commercial searches along with the Asset Location Search. Costs will rise in line with RPI as per previous years, which is set at 6%.

Customers will be emailed with the new prices by February 28th 2024.

Any orders received with a higher payment prior to the 1st April 2024 will be non-refundable. For further details on the price increase please visit our website at www.thameswater-propertysearches.co.uk.



Thames Water Utilities Ltd
Property Searches, PO Box 3189, Slough SL1 4WW



searches@thameswater.co.uk
www.thameswater-propertysearches.co.uk



0800 009 4540

Asset Location Search



Property Searches

Search address supplied: 10, Lawn Avenue, West Drayton, UB7 7AQ

Dear Sir / Madam

An Asset Location Search is recommended when undertaking a site development. It is essential to obtain information on the size and location of clean water and sewerage assets to safeguard against expensive damage and allow cost-effective service design.

The following records were searched in compiling this report: - the map of public sewers & the map of waterworks. Thames Water Utilities Ltd (TWUL) holds all of these.

This search provides maps showing the position, size of Thames Water assets close to the proposed development and also manhole cover and invert levels, where available.

Please note that none of the charges made for this report relate to the provision of Ordnance Survey mapping information. The replies contained in this letter are given following inspection of the public service records available to this company. No responsibility can be accepted for any error or omission in the replies.

You should be aware that the information contained on these plans is current only on the day that the plans are issued. The plans should only be used for the duration of the work that is being carried out at the present time. Under no circumstances should this data be copied or transmitted to parties other than those for whom the current work is being carried out.

Thames Water do update these service plans on a regular basis and failure to observe the above conditions could lead to damage arising to new or diverted services at a later date.

Contact Us

If you have any further queries regarding this enquiry please feel free to contact a member of the team on 0800 009 4540, or use the address below:

Thames Water Utilities Ltd
Property Searches
PO Box 3189
Slough
SL1 4WW

Email: searches@thameswater.co.uk

Web: www.thameswater-propertysearches.co.uk

Asset Location Search



Property Searches

Waste Water Services

Please provide a copy extract from the public sewer map.

Enclosed is a map showing the approximate lines of our sewers. Our plans do not show sewer connections from individual properties or any sewers not owned by Thames Water unless specifically annotated otherwise. Records such as "private" pipework are in some cases available from the Building Control Department of the relevant Local Authority.

Where the Local Authority does not hold such plans it might be advisable to consult the property deeds for the site or contact neighbouring landowners.

This report relates only to sewerage apparatus of Thames Water Utilities Ltd, it does not disclose details of cables and or communications equipment that may be running through or around such apparatus.

The sewer level information contained in this response represents all of the level data available in our existing records. Should you require any further Information, please refer to the relevant section within the 'Further Contacts' page found later in this document.

For your guidance:

- The Company is not generally responsible for rivers, watercourses, ponds, culverts or highway drains. If any of these are shown on the copy extract they are shown for information only.
- Any private sewers or lateral drains which are indicated on the extract of the public sewer map as being subject to an agreement under Section 104 of the Water Industry Act 1991 are not an 'as constructed' record. It is recommended these details be checked with the developer.

Clean Water Services

Please provide a copy extract from the public water main map.

With regard to the fresh water supply, this site falls within the boundary of another water company. For more information, please redirect your enquiry to the following address:

Affinity Water Ltd
Tamblin Way
Hatfield
AL10 9EZ
Tel: 0345 3572401

Asset Location Search



Property Searches

For your guidance:

- Assets other than vested water mains may be shown on the plan, for information only.
- If an extract of the public water main record is enclosed, this will show known public water mains in the vicinity of the property. It should be possible to estimate the likely length and route of any private water supply pipe connecting the property to the public water network.

Payment for this Search

A charge will be added to your suppliers account.

Asset Location Search



Property Searches

Further contacts:

Waste Water queries

Should you require verification of the invert levels of public sewers, by site measurement, you will need to approach the relevant Thames Water Area Network Office for permission to lift the appropriate covers. This permission will usually involve you completing a TWOSA form. For further information please contact our Customer Centre on Tel: 0845 920 0800. Alternatively, a survey can be arranged, for a fee, through our Customer Centre on the above number.

If you have any questions regarding sewer connections, budget estimates, diversions, building over issues or any other questions regarding operational issues please direct them to our service desk. Which can be contacted by writing to:

Developer Services (Waste Water)
Thames Water
Clearwater Court
Vastern Road
Reading
RG1 8DB

Tel: 0800 009 3921
Email: developer.services@thameswater.co.uk

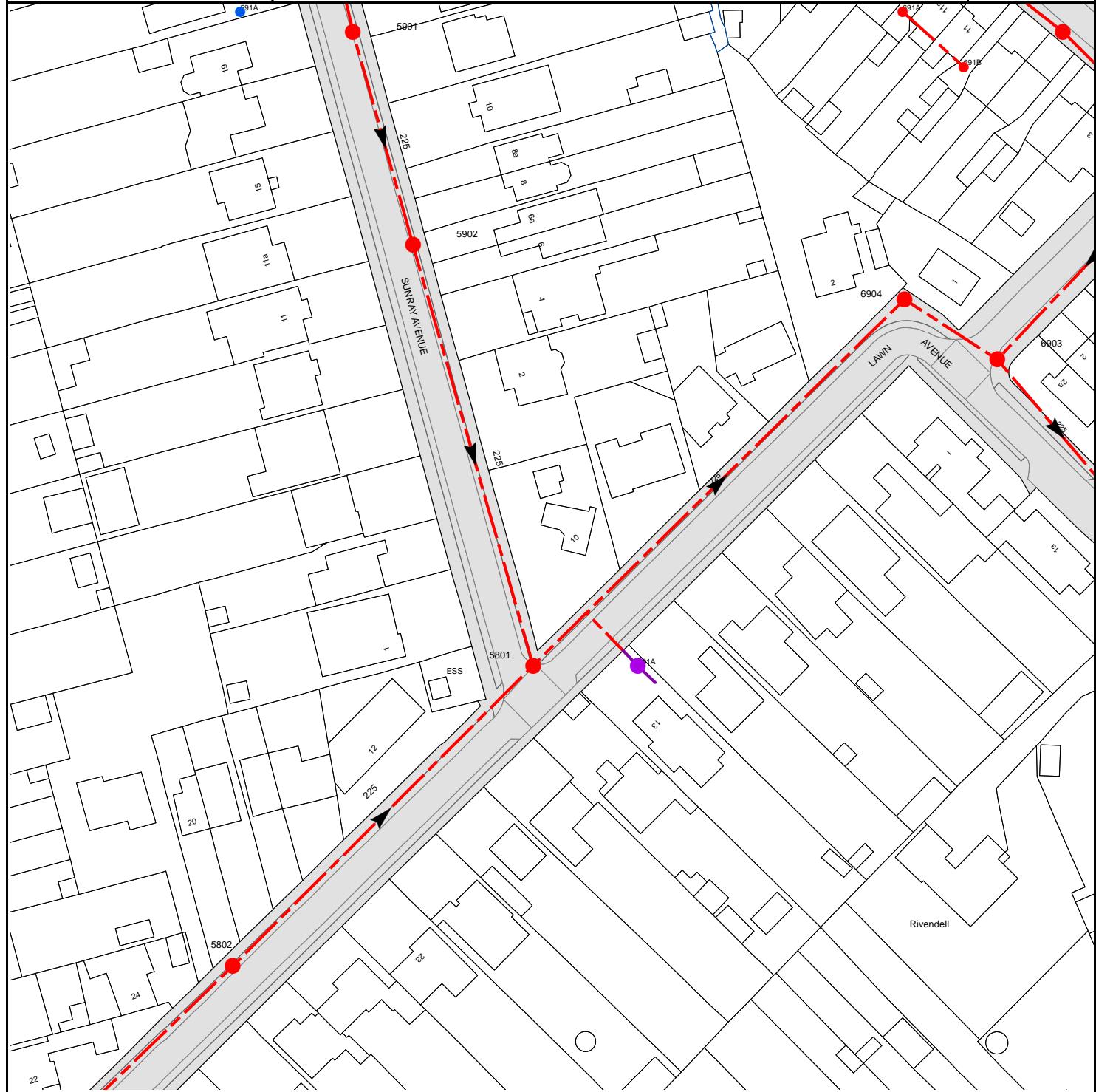
Clean Water queries

Should you require any advice concerning clean water operational issues or clean water connections, please contact:

Developer Services (Clean Water)
Thames Water
Clearwater Court
Vastern Road
Reading
RG1 8DB

Tel: 0800 009 3921
Email: developer.services@thameswater.co.uk

Asset Location Search Sewer Map - ALS/ALS Standard/2024 5003846



The width of the displayed area is 200 m and the centre of the map is located at OS coordinates 505572, 179891

The position of the apparatus shown on this plan is given without obligation and warranty, and the accuracy cannot be guaranteed. Service pipes are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Thames Water for any error or omission. The actual position of mains and services must be verified and established on site before any works are undertaken.

Based on the Ordnance Survey Map (2020) with the Sanction of the controller of H.M. Stationery Office, License no. 100019345 Crown Copyright Reserved.

NB. Levels quoted in metres Ordnance Newlyn Datum. The value -9999.00 indicates that no survey information is available

Manhole Reference	Manhole Cover Level	Manhole Invert Level
581A	n/a	n/a
691B	n/a	n/a
6901	25.54	23.66
6903	25.55	23
5802	25.44	23.61
5801	25.4	23.42
6904	25.55	23.11
5902	25.61	23.63
5901	25.56	24.39
591A	n/a	n/a
691A	n/a	n/a

The position of the apparatus shown on this plan is given without obligation and warranty, and the accuracy cannot be guaranteed. Service pipes are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by Thames Water for any error or omission. The actual position of mains and services must be verified and established on site before any works are undertaken.



Asset Location Search - Sewer Key

Public Sewer Types (Operated and maintained by Thames Water)

- Foul Sewer:** A sewer designed to convey waste water from domestic and industrial sources to a treatment works.
- Surface Water Sewer:** A sewer designed to convey surface water (e.g. rain water from roofs, yards and car parks) to rivers or watercourses.
- Combined Sewer:** A sewer designed to convey both waste water and surface water from domestic and industrial sources to a treatment works.
- Storm Sewer:**

Sewer Fittings

A feature in a sewer that does not affect the flow in the pipe. Example: a vent is a fitting as the function of a vent is to release excess gas.

- Air Valve:**
- Dam Chase:**
- Fitting:**
- Sludge Sewer:**
- Foul Trunk Sewer:**
- Combined Trunk Sewer:**
- Surface Water Rising Main:**
- Vacuum:**
- Vent Pipe:**

Other Symbols

Symbols used on maps which do not fall under other general categories.

- Change of Characteristic Indicator:**
- Invert Level:**
- Summit:**
- Agreement:**
- Chamber:**
- Operational Site:**
- Control Valve:**
- End Items:**
- Outfall:**
- Conduit Bridge:**
- Sluice:**
- Tunnel:**
- Castment:**
- Ducts or Crossings:**
- Thames Water Proposed:**
- Control:**
- End:**
- Thames Water Operated and maintained by Thames Water:**
- Decommissioned Sewer:**
- Proposed:**
- Content of this drainage network is currently unknown:**

Notes:

- All levels associated with the plan are to Ordnance Datum Newlyn.
- All measurements on the plan are metric.
- Arrows (on gravity fed sewers) or ticks (on rising mains) indicate the direction of flow.
- More private pipes are not shown on our plans, as in the past, the information has not been recorded.

- 'in' or 'in' on a manhole indicates that data is unavailable.
- The text appearing alongside a sewer line indicates the internal diameter of the pipe in millimetres.
- Text next to a manhole indicates the manhole reference number and should not be taken as a measurement.
- If you are unsure about any text or symbology, please contact Property Searches on 0800 009 4540.

Payment Terms and Conditions

All sales are made in accordance with Thames Water Utilities Limited (TWUL) standard terms and conditions unless previously agreed in writing.

1. All goods remain in the property of Thames Water Utilities Ltd until full payment is received.
2. Provision of service will be in accordance with all legal requirements and published TWUL policies.
3. All invoices are strictly due for payment within 14 days of the date of the invoice. Any other terms must be accepted/agreed in writing prior to provision of goods or service or will be held to be invalid.
4. Penalty interest may be invoked by TWUL in the event of unjustifiable payment delay. Interest charges will be in line with UK Statute Law 'The Late Payment of Commercial Debts (Interest) Act 1998'.
5. Interest will be charged in line with current Court Interest Charges, if legal action is taken.
6. A charge may be made at the discretion of the company for increased administration costs.

A copy of Thames Water's standard terms and conditions are available from the Commercial Billing Team (cashoperations@thameswater.co.uk).

We publish several Codes of Practice including a guaranteed standards scheme. You can obtain copies of these leaflets by calling us on 0800 980 8800.

If you are unhappy with our service, you can speak to your original goods or customer service provider. If you are still not satisfied with the outcome provided, we will refer the matter to a Senior Manager for resolution who will provide you with a response.

If you are still dissatisfied with our final response, and in certain circumstances such as you are buying a residential property or commercial property within certain parameters, The Property Ombudsman will investigate your case and give an independent view. The Ombudsman can award compensation of up to £25,000 to you if he finds that you have suffered actual financial loss and/or aggravation, distress, or inconvenience because of your search not keeping to the Code. Further information can be obtained by visiting www.tpos.co.uk or by sending an email to admin@tpos.co.uk.

If the Goods or Services covered by this invoice falls under the regulation of the 1991 Water Industry Act, and you remain dissatisfied you can refer your complaint to Consumer Council for Water on 0300 034 2222 or write to them at Consumer Council for Water, 1st Floor, Victoria Square House, Victoria Square, Birmingham, B2 4AJ.

Ways to pay your bill

Credit Card	BACS Payment	Telephone Banking
Please Call 0800 009 4540 quoting your invoice number starting CBA or ADS	Account number 90478703 Sort code 60-00-01 A remittance advice must be sent to: Thames Water Utilities Ltd., PO Box 3189, Slough SL1 4WW. or email ps.billing@thameswater.co.uk	By calling your bank and quoting: Account number 90478703 Sort code 60-00-01 and your invoice number

Thames Water Utilities Ltd Registered in England & Wales No. 2366661 Registered Office Clearwater Court, Eastern Rd, Reading, Berks, RG1 8DB.

PROJECT: 10 Lawn Terrace

West Drayton

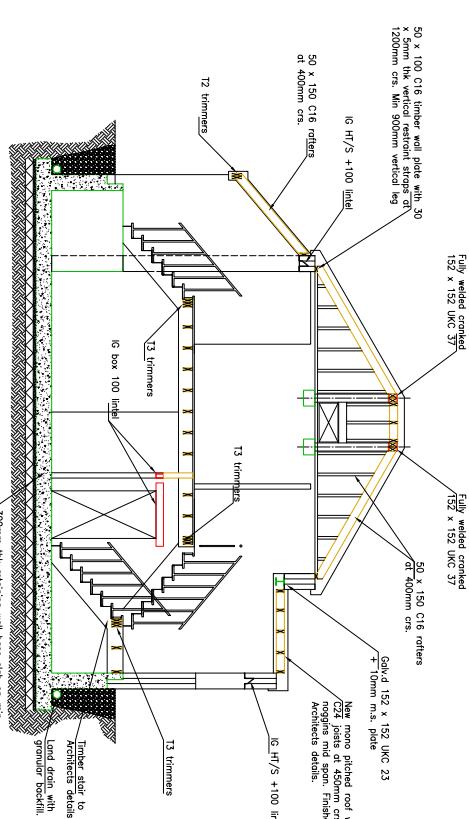
UB7 7AQ

REF: 06488L

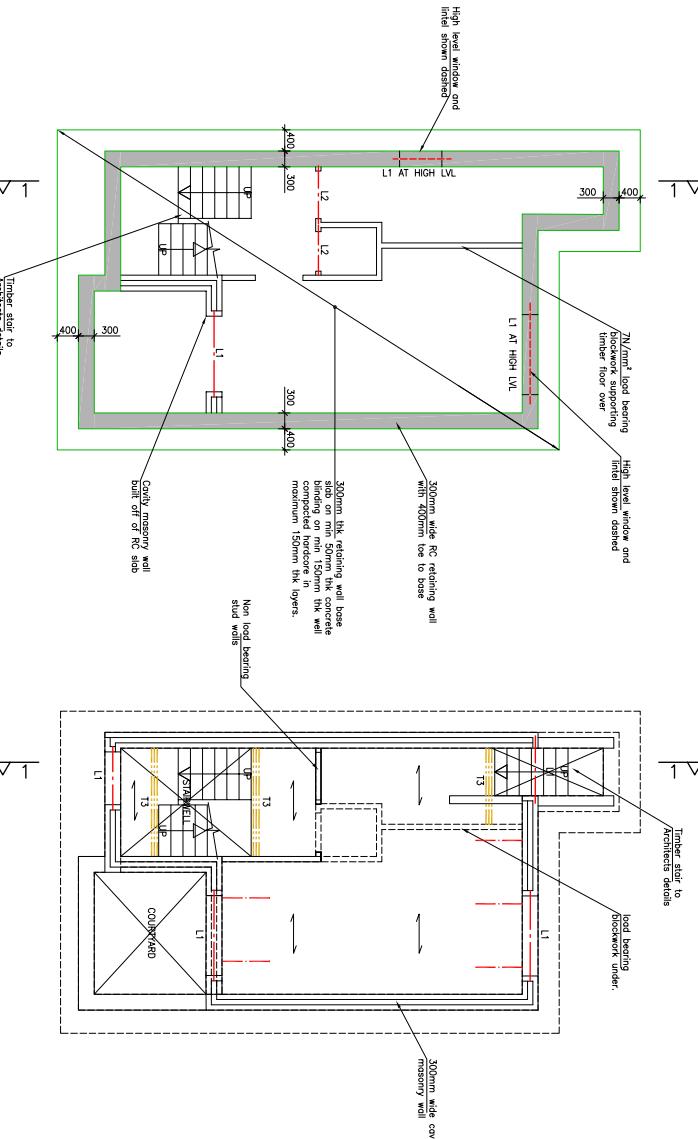
APPENDIX C

Drawings

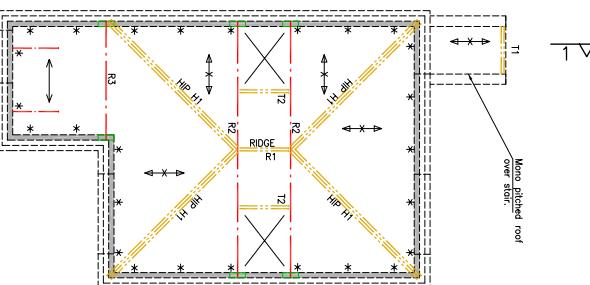
LOWER GROUND FLOOR PLAN



UPPER GROUND FLOOR PLAN



ROOF PLAN



PRELIMINARY



10 LAWN AVENUE
WEST DRAYTON
UB7 7AQ

GENERAL ARRANGEMENT AND SECTION

<p>1:50 @ A1</p> <p>06488L/01</p> <p>-</p> <p>06488L/01</p>	<p>GENERAL ARRANGEMENTS AND SECTION</p> <p>10 LAWN AVENUE WEST DRAYTON UB7 7AQ</p> <p>STRUCTUREHAUS</p> <p>CONTRACTING FOR DESIGNING DESIGN & BUILDING</p> <p>LONDON OFFICE 020 8940 7810 EXETER OFFICE 01392 363457</p> <p>info@structurehaus.com www.structurehaus.com</p>	<p>REF. NO. REV. DATE</p> <p>12/08/2003 12/08/2003</p> <p>PRINTED BY PLANIT</p> <p>PRINTED ON 12/08/2003 BY PLANIT</p> <p>PRINTED ON 12/08/2003 BY PLANIT</p>
<p>DRAWN BY ISP Date 28/05/2024</p>	<p>DESIGNED BY LA Date 30/05/2024</p>	<p>APPROVED BY LA Date 30/05/2024</p>

GENERAL NOTES:-

PROJECT: 10 Lawn Terrace

West Drayton

UB7 7AQ

REF: 06488L

APPENDIX D

Calculations

Calculation

Contract 10 lawn Avenue

Sheet 01

By LA

Ground Loads

Roof

Deck

Tils, battens + felt (clay tiles)

0.65

Timbers + insulation

0.15

Ceilings + Services

0.25

1.05/Co30.133

1L

0.6

Ground floor - upper

bristles + boards

0.25

vt bristles + insulation

0.15

Timbers

0.25

Ceilings + Services

0.25

1.0

1L

1.5kN/m²

PROJECT: Basement Impact Assessment
10 Lawn Avenue
West Drayton
London
UB7 7AQ

REF: 06488L

DATE: June 2024

CALCULATIONS

Calculation

Contract 10 Lawn Avenue

Sheet 02

By LA

Rafter

Span = 2 ft.

$$DL = 133 \times 0.4 = 0.532$$

$$IL = 0.6 \times 0.4 = 0.24$$

150 x 50 C16.

Hips H1

Span = 3 fm.

$$WL DL = 133 \times 2.7 = 37 \rightarrow 0$$

$$IL = 0.6 \times 2.7 = 1.62 \rightarrow 0$$

3 No 200 x 50 C16.

Roachan

DL = 4.75

IL = 1.99

Ridge R1

Span = 1m.

$$DL = 133 \times 2.7 = 37$$

$$IL = 0.6 \times 2.7 = 1.62$$

2 No 150 x 50 C16.

Roachan

DL = 1.88

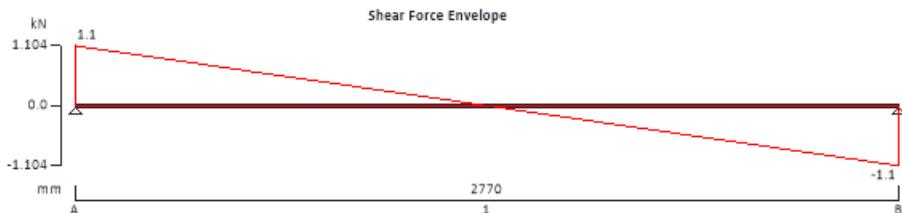
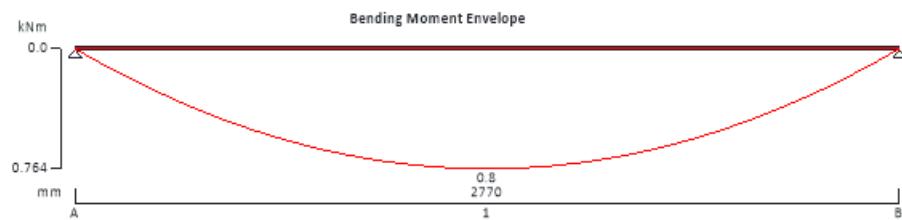
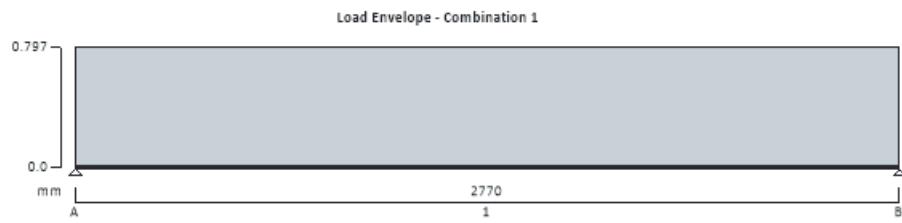
IL = 0.751

Use for T3 also

	Project 10 Lawn Avenue	Job no. 06488L		
	Calcs for Rafters	Start page no./Revision 3		
	Calcs by LA	Calcs date 21/05/2024	Checked by	Checked date

TIMBER BEAM ANALYSIS & DESIGN TO BS5268-2:2002

TEDDS calculation version 1.7.03



Applied loading

Beam loads

Dead full UDL 0.532 kN/m

Imposed full UDL 0.240 kN/m

Dead self weight of beam × 1

Load combinations

Load combination 1

Support A

Dead × 1.00

Imposed × 1.00

Span 1

Dead × 1.00

Imposed × 1.00

Support B

Dead × 1.00

Imposed × 1.00

Analysis results

Maximum moment

$M_{max} = 0.764 \text{ kNm}$

$M_{min} = 0.000 \text{ kNm}$

Design moment

$M = \max(\text{abs}(M_{max}), \text{abs}(M_{min})) = 0.764 \text{ kNm}$

Maximum shear

$F_{max} = 1.104 \text{ kN}$

$F_{min} = -1.104 \text{ kN}$

Design shear

$F = \max(\text{abs}(F_{max}), \text{abs}(F_{min})) = 1.104 \text{ kN}$

Total load on beam

$W_{tot} = 2.208 \text{ kN}$

	Project 10 Lawn Avenue				Job no. 06488L	
	Calcs for Rafters				Start page no./Revision 4	
	Calcs by LA	Calcs date 21/05/2024	Checked by	Checked date	Approved by	Approved date

Reactions at support A $R_{A_max} = 1.104 \text{ kN}$ $R_{A_min} = 1.104 \text{ kN}$

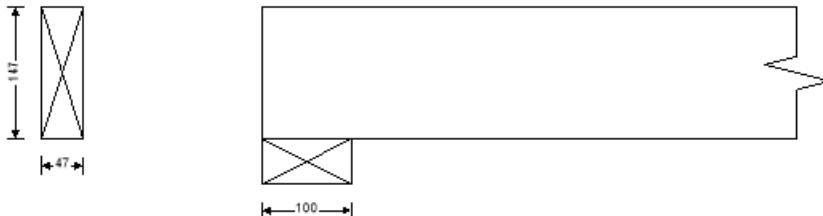
Unfactored dead load reaction at support A $R_{A_Dead} = 0.772 \text{ kN}$

Unfactored imposed load reaction at support A $R_{A_Imposed} = 0.332 \text{ kN}$

Reactions at support B $R_{B_max} = 1.104 \text{ kN}$ $R_{B_min} = 1.104 \text{ kN}$

Unfactored dead load reaction at support B $R_{B_Dead} = 0.772 \text{ kN}$

Unfactored imposed load reaction at support B $R_{B_Imposed} = 0.332 \text{ kN}$



Timber section details

Breadth of sections	$b = 47 \text{ mm}$
Depth of sections	$h = 147 \text{ mm}$
Number of sections in member	$N = 1$
Overall breadth of member	$b_b = N \times b = 47 \text{ mm}$
Timber strength class	C16

Member details

Service class of timber	1
Load duration	Long term
Length of span	$L_{s1} = 2770 \text{ mm}$
Length of bearing	$L_b = 100 \text{ mm}$

The beam is part of a load-sharing system consisting of four or more members

Section properties

Cross sectional area of member	$A = N \times b \times h = 6909 \text{ mm}^2$
Section modulus	$Z_x = N \times b \times h^2 / 6 = 169270 \text{ mm}^3$
	$Z_y = h \times (N \times b)^2 / 6 = 54120 \text{ mm}^3$
Second moment of area	$I_x = N \times b \times h^3 / 12 = 12441382 \text{ mm}^4$
	$I_y = h \times (N \times b)^3 / 12 = 1271832 \text{ mm}^4$
Radius of gyration	$i_x = \sqrt{I_x / A} = 42.4 \text{ mm}$
	$i_y = \sqrt{I_y / A} = 13.6 \text{ mm}$

Modification factors

Duration of loading - Table 17	$K_3 = 1.00$
Bearing stress - Table 18	$K_4 = 1.00$
Total depth of member - cl.2.10.6	$K_7 = (300 \text{ mm} / h)^{0.11} = 1.08$
Load sharing - cl.2.9	$K_8 = 1.10$

Lateral support - cl.2.10.8

Ends held in position and members held in line, as by purlins or tie rods at centres not more than 30 times the breadth of the member

Permissible depth-to-breadth ratio - Table 19 **4.00**

Actual depth-to-breadth ratio $h / (N \times b) = 3.13$

PASS - Lateral support is adequate

	Project 10 Lawn Avenue				Job no. 06488L	
	Calcs for Rafters				Start page no./Revision 5	
	Calcs by LA	Calcs date 21/05/2024	Checked by	Checked date	Approved by	Approved date

Compression perpendicular to grain

Permissible bearing stress (no wane)

$$\sigma_{c_adm} = \sigma_{cp1} \times K_3 \times K_4 \times K_8 = \mathbf{2.420} \text{ N/mm}^2$$

Applied bearing stress

$$\sigma_{c_a} = R_{A_max} / (N \times b \times L_b) = \mathbf{0.235} \text{ N/mm}^2$$

$$\sigma_{c_a} / \sigma_{c_adm} = \mathbf{0.097}$$

PASS - Applied compressive stress is less than permissible compressive stress at bearing

Bending parallel to grain

Permissible bending stress

$$\sigma_{m_adm} = \sigma_m \times K_3 \times K_7 \times K_8 = \mathbf{6.306} \text{ N/mm}^2$$

Applied bending stress

$$\sigma_{m_a} = M / Z_x = \mathbf{4.516} \text{ N/mm}^2$$

$$\sigma_{m_a} / \sigma_{m_adm} = \mathbf{0.716}$$

PASS - Applied bending stress is less than permissible bending stress

Shear parallel to grain

Permissible shear stress

$$\tau_{adm} = \tau \times K_3 \times K_8 = \mathbf{0.737} \text{ N/mm}^2$$

Applied shear stress

$$\tau_a = 3 \times F / (2 \times A) = \mathbf{0.240} \text{ N/mm}^2$$

$$\tau_a / \tau_{adm} = \mathbf{0.325}$$

PASS - Applied shear stress is less than permissible shear stress

Deflection

Modulus of elasticity for deflection

$$E = E_{mean} = \mathbf{8800} \text{ N/mm}^2$$

Permissible deflection

$$\delta_{adm} = \min(0.551 \text{ in}, 0.003 \times L_{s1}) = \mathbf{8.310} \text{ mm}$$

Bending deflection

$$\delta_{b_s1} = \mathbf{5.581} \text{ mm}$$

Shear deflection

$$\delta_{v_s1} = \mathbf{0.241} \text{ mm}$$

Total deflection

$$\delta_a = \delta_{b_s1} + \delta_{v_s1} = \mathbf{5.822} \text{ mm}$$

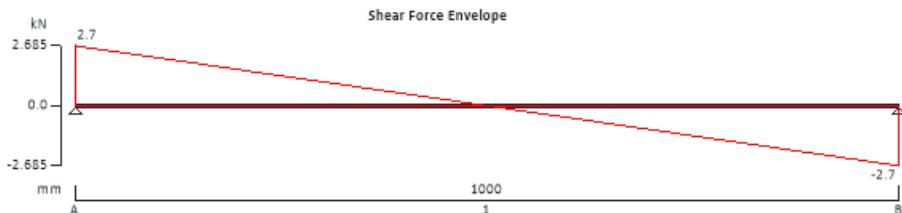
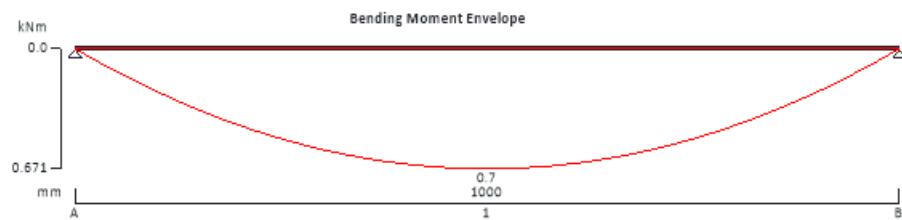
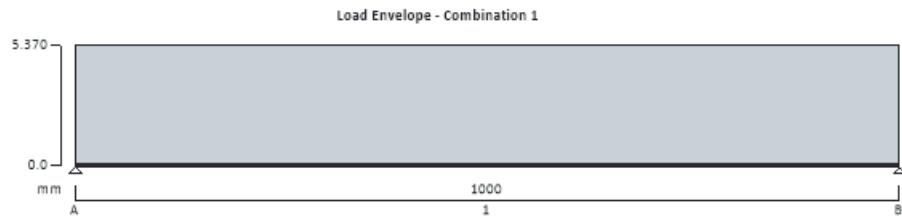
$$\delta_a / \delta_{adm} = \mathbf{0.701}$$

PASS - Total deflection is less than permissible deflection

	Project 10 Lawn Avenue	Job no. 06488L		
	Calcs for Ridge R1	Start page no./Revision 9		
	Calcs by LA	Calcs date 21/05/2024	Checked by	Checked date

TIMBER BEAM ANALYSIS & DESIGN TO BS5268-2:2002

TEDDS calculation version 1.7.03

**Applied loading****Beam loads**

Dead full UDL 3.700 kN/m

Imposed full UDL 1.620 kN/m

Dead self weight of beam × 1

Load combinations

Load combination 1

Support A

Dead × 1.00

Imposed × 1.00

Span 1

Dead × 1.00

Imposed × 1.00

Support B

Dead × 1.00

Imposed × 1.00

Analysis results

Maximum moment

 $M_{max} = 0.671 \text{ kNm}$ $M_{min} = 0.000 \text{ kNm}$

Design moment

 $M = \max(\text{abs}(M_{max}), \text{abs}(M_{min})) = 0.671 \text{ kNm}$

Maximum shear

 $F_{max} = 2.685 \text{ kN}$ $F_{min} = -2.685 \text{ kN}$

Design shear

 $F = \max(\text{abs}(F_{max}), \text{abs}(F_{min})) = 2.685 \text{ kN}$

Total load on beam

 $W_{tot} = 5.370 \text{ kN}$

	Project 10 Lawn Avenue				Job no. 06488L	
	Calcs for Ridge R1				Start page no./Revision 10	
	Calcs by LA	Calcs date 21/05/2024	Checked by	Checked date	Approved by	Approved date

Reactions at support A $R_{A_max} = 2.685 \text{ kN}$ $R_{A_min} = 2.685 \text{ kN}$

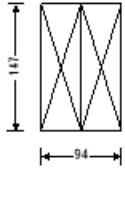
Unfactored dead load reaction at support A $R_{A_Dead} = 1.875 \text{ kN}$

Unfactored imposed load reaction at support A $R_{A_Imposed} = 0.810 \text{ kN}$

Reactions at support B $R_{B_max} = 2.685 \text{ kN}$ $R_{B_min} = 2.685 \text{ kN}$

Unfactored dead load reaction at support B $R_{B_Dead} = 1.875 \text{ kN}$

Unfactored imposed load reaction at support B $R_{B_Imposed} = 0.810 \text{ kN}$



Timber section details

Breadth of sections	$b = 47 \text{ mm}$
Depth of sections	$h = 147 \text{ mm}$
Number of sections in member	$N = 2$
Overall breadth of member	$b_b = N \times b = 94 \text{ mm}$
Timber strength class	C16

Member details

Service class of timber	1
Load duration	Long term
Length of span	$L_{s1} = 1000 \text{ mm}$
Length of bearing	$L_b = 100 \text{ mm}$

Section properties

Cross sectional area of member	$A = N \times b \times h = 13818 \text{ mm}^2$
Section modulus	$Z_x = N \times b \times h^2 / 6 = 338541 \text{ mm}^3$
	$Z_y = h \times (N \times b)^2 / 6 = 216482 \text{ mm}^3$
Second moment of area	$I_x = N \times b \times h^3 / 12 = 24882763 \text{ mm}^4$
Radius of gyration	$i_x = \sqrt{I_x / A} = 42.4 \text{ mm}$ $i_y = \sqrt{I_y / A} = 27.1 \text{ mm}$

Modification factors

Duration of loading - Table 17	$K_3 = 1.00$
Bearing stress - Table 18	$K_4 = 1.00$
Total depth of member - cl.2.10.6	$K_7 = (300 \text{ mm} / h)^{0.11} = 1.08$
Load sharing - cl.2.10.11	$K_8 = 1.10$
Minimum modulus of elasticity - Table 20	$K_9 = 1.14$

Lateral support - cl.2.10.8

Ends held in position and members held in line, as by purlins or tie rods at centres not more than 30 times the breadth of the member

Permissible depth-to-breadth ratio - Table 19 **4.00**

Actual depth-to-breadth ratio $h / (N \times b) = 1.56$

PASS - Lateral support is adequate

Compression perpendicular to grain

Permissible bearing stress (no wane) $\sigma_{c_adm} = \sigma_{cp1} \times K_3 \times K_4 \times K_8 = 2.420 \text{ N/mm}^2$

	Project 10 Lawn Avenue				Job no. 06488L	
	Calcs for Ridge R1				Start page no./Revision 11	
	Calcs by LA	Calcs date 21/05/2024	Checked by	Checked date	Approved by	Approved date

Applied bearing stress

$$\sigma_{c_a} = R_{A_max} / (N \times b \times L_b) = \mathbf{0.286 \text{ N/mm}^2}$$

$$\sigma_{c_a} / \sigma_{c_adm} = \mathbf{0.118}$$

PASS - Applied compressive stress is less than permissible compressive stress at bearing

Bending parallel to grain

Permissible bending stress

$$\sigma_{m_adm} = \sigma_m \times K_3 \times K_7 \times K_8 = \mathbf{6.306 \text{ N/mm}^2}$$

Applied bending stress

$$\sigma_{m_a} = M / Z_x = \mathbf{1.983 \text{ N/mm}^2}$$

$$\sigma_{m_a} / \sigma_{m_adm} = \mathbf{0.314}$$

PASS - Applied bending stress is less than permissible bending stress

Shear parallel to grain

Permissible shear stress

$$\tau_{adm} = \tau \times K_3 \times K_8 = \mathbf{0.737 \text{ N/mm}^2}$$

Applied shear stress

$$\tau_a = 3 \times F / (2 \times A) = \mathbf{0.291 \text{ N/mm}^2}$$

$$\tau_a / \tau_{adm} = \mathbf{0.395}$$

PASS - Applied shear stress is less than permissible shear stress

Deflection

Modulus of elasticity for deflection

$$E = E_{min} \times K_9 = \mathbf{6612 \text{ N/mm}^2}$$

Permissible deflection

$$\delta_{adm} = \min(0.551 \text{ in}, 0.003 \times L_{s1}) = \mathbf{3.000 \text{ mm}}$$

Bending deflection

$$\delta_{b_s1} = \mathbf{0.425 \text{ mm}}$$

Shear deflection

$$\delta_{v_s1} = \mathbf{0.141 \text{ mm}}$$

Total deflection

$$\delta_a = \delta_{b_s1} + \delta_{v_s1} = \mathbf{0.566 \text{ mm}}$$

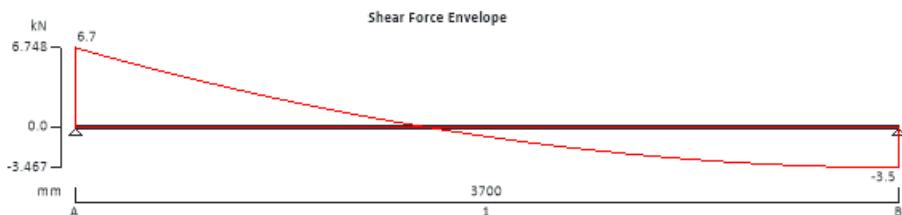
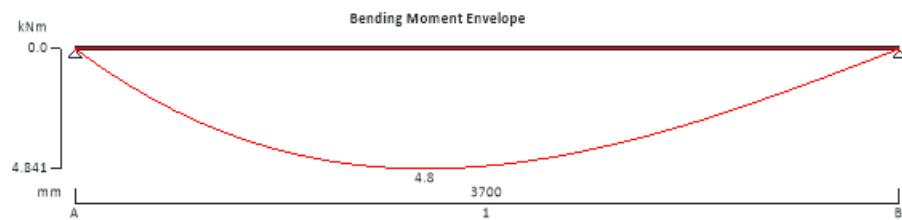
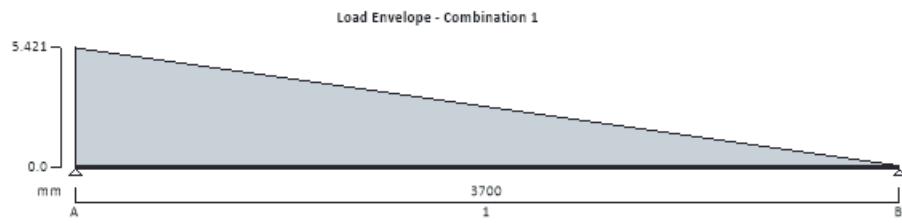
$$\delta_a / \delta_{adm} = \mathbf{0.189}$$

PASS - Total deflection is less than permissible deflection

	Project 10 Lawn Avenue	Job no. 06488L			
	Calcs for Hip H1	Start page no./Revision 6			
	Calcs by LA	Calcs date 21/05/2024	Checked by	Checked date	Approved by

TIMBER BEAM ANALYSIS & DESIGN TO BS5268-2:2002

TEDDS calculation version 1.7.03



Applied loading

Beam loads

Dead full VDL 3.700 kN/m to 0.000 kN/m

Imposed full VDL 1.620 kN/m to 0.000 kN/m

Dead self weight of beam × 1

Load combinations

Load combination 1

Support A

Dead × 1.00

Imposed × 1.00

Span 1

Dead × 1.00

Imposed × 1.00

Support B

Dead × 1.00

Imposed × 1.00

Analysis results

Maximum moment

$M_{max} = 4.841 \text{ kNm}$

$M_{min} = 0.000 \text{ kNm}$

Design moment

$M = \max(\text{abs}(M_{max}), \text{abs}(M_{min})) = 4.841 \text{ kNm}$

Maximum shear

$F_{max} = 6.748 \text{ kN}$

$F_{min} = -3.467 \text{ kN}$

Design shear

$F = \max(\text{abs}(F_{max}), \text{abs}(F_{min})) = 6.748 \text{ kN}$

Total load on beam

$W_{tot} = 10.215 \text{ kN}$

	Project 10 Lawn Avenue	Job no. 06488L			
	Calcs for Hip H1	Start page no./Revision 7			
	Calcs by LA	Calcs date 21/05/2024	Checked by	Checked date	Approved by

Reactions at support A $R_{A_max} = 6.748 \text{ kN}$ $R_{A_min} = 6.748 \text{ kN}$

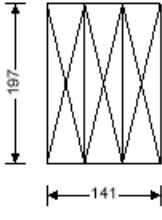
Unfactored dead load reaction at support A $R_{A_Dead} = 4.750 \text{ kN}$

Unfactored imposed load reaction at support A $R_{A_Imposed} = 1.998 \text{ kN}$

Reactions at support B $R_{B_max} = 3.467 \text{ kN}$ $R_{B_min} = 3.467 \text{ kN}$

Unfactored dead load reaction at support B $R_{B_Dead} = 2.468 \text{ kN}$

Unfactored imposed load reaction at support B $R_{B_Imposed} = 0.999 \text{ kN}$



Timber section details

Breadth of sections $b = 47 \text{ mm}$

Depth of sections $h = 197 \text{ mm}$

Number of sections in member $N = 3$

Overall breadth of member $b_b = N \times b = 141 \text{ mm}$

Timber strength class **C16**

Member details

Service class of timber **1**

Load duration **Long term**

Length of span $L_{s1} = 3700 \text{ mm}$

Length of bearing $L_b = 100 \text{ mm}$

Section properties

Cross sectional area of member $A = N \times b \times h = 27777 \text{ mm}^2$

Section modulus $Z_x = N \times b \times h^2 / 6 = 912012 \text{ mm}^3$

$Z_y = h \times (N \times b)^2 / 6 = 652760 \text{ mm}^3$

$I_x = N \times b \times h^3 / 12 = 89833133 \text{ mm}^4$

$I_y = h \times (N \times b)^3 / 12 = 46019545 \text{ mm}^4$

$i_x = \sqrt{(I_x / A)} = 56.9 \text{ mm}$

$i_y = \sqrt{(I_y / A)} = 40.7 \text{ mm}$

Modification factors

Duration of loading - Table 17 $K_3 = 1.00$

Bearing stress - Table 18 $K_4 = 1.00$

Total depth of member - cl.2.10.6 $K_7 = (300 \text{ mm} / h)^{0.11} = 1.05$

Load sharing - cl.2.10.11 $K_8 = 1.10$

Minimum modulus of elasticity - Table 20 $K_9 = 1.21$

Lateral support - cl.2.10.8

Ends held in position and members held in line, as by purlins or tie rods at centres not more than 30 times the breadth of the member

Permissible depth-to-breadth ratio - Table 19 **4.00**

Actual depth-to-breadth ratio $h / (N \times b) = 1.40$

PASS - Lateral support is adequate

	Project 10 Lawn Avenue				Job no. 06488L	
	Calcs for Hip H1				Start page no./Revision 8	
	Calcs by LA	Calcs date 21/05/2024	Checked by	Checked date	Approved by	Approved date

Compression perpendicular to grain

Permissible bearing stress (no wane)

$$\sigma_{c_adm} = \sigma_{cp1} \times K_3 \times K_4 \times K_8 = \mathbf{2.420} \text{ N/mm}^2$$

Applied bearing stress

$$\sigma_{c_a} = R_{A_max} / (N \times b \times L_b) = \mathbf{0.479} \text{ N/mm}^2$$

$$\sigma_{c_a} / \sigma_{c_adm} = \mathbf{0.198}$$

PASS - Applied compressive stress is less than permissible compressive stress at bearing

Bending parallel to grain

Permissible bending stress

$$\sigma_{m_adm} = \sigma_m \times K_3 \times K_7 \times K_8 = \mathbf{6.106} \text{ N/mm}^2$$

Applied bending stress

$$\sigma_{m_a} = M / Z_x = \mathbf{5.308} \text{ N/mm}^2$$

$$\sigma_{m_a} / \sigma_{m_adm} = \mathbf{0.869}$$

PASS - Applied bending stress is less than permissible bending stress

Shear parallel to grain

Permissible shear stress

$$\tau_{adm} = \tau \times K_3 \times K_8 = \mathbf{0.737} \text{ N/mm}^2$$

Applied shear stress

$$\tau_a = 3 \times F / (2 \times A) = \mathbf{0.364} \text{ N/mm}^2$$

$$\tau_a / \tau_{adm} = \mathbf{0.494}$$

PASS - Applied shear stress is less than permissible shear stress

Deflection

Modulus of elasticity for deflection

$$E = E_{min} \times K_9 = \mathbf{7018} \text{ N/mm}^2$$

Permissible deflection

$$\delta_{adm} = \min(0.551 \text{ in}, 0.0032 \times L_{s1}) = \mathbf{11.840} \text{ mm}$$

Bending deflection

$$\delta_{b_s1} = \mathbf{10.704} \text{ mm}$$

Shear deflection

$$\delta_{v_s1} = \mathbf{0.477} \text{ mm}$$

Total deflection

$$\delta_a = \delta_{b_s1} + \delta_{v_s1} = \mathbf{11.181} \text{ mm}$$

$$\delta_a / \delta_{adm} = \mathbf{0.944}$$

PASS - Total deflection is less than permissible deflection

Calculation

Contract 10 Lawn Avenue

Sheet 12

By LA

R3

Span = 23m.

$$VOL = 133 \times 1.2 \times 1.6 = 31.36 \text{ m}^3$$

$$IL = 0.6 \times 1.2 = 0.72 \text{ m}^3$$

$$VR = DL + 0.25 \times 1.8 \times 0.5 = 2.25$$

Reactions
DL = 4.1
IL = 0.6

T1

Span = 11

$$VOL = DL + 133 \times 0.8 = 11$$

$$IL = 0.6 \times 0.8 = 0.48$$

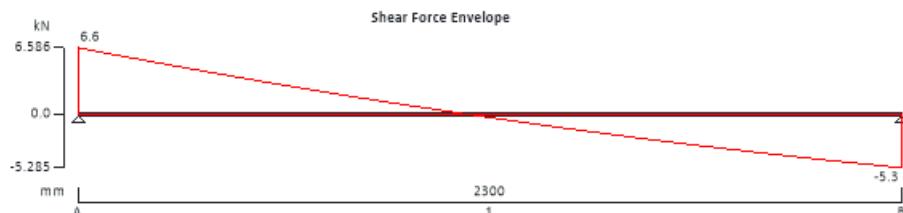
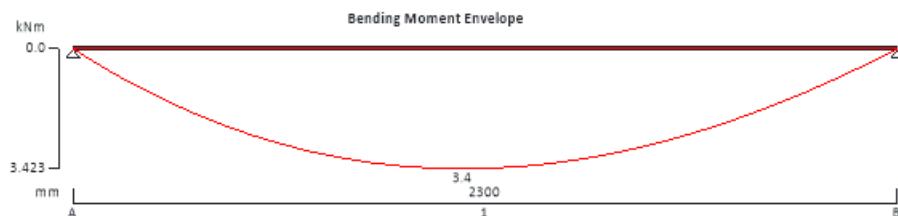
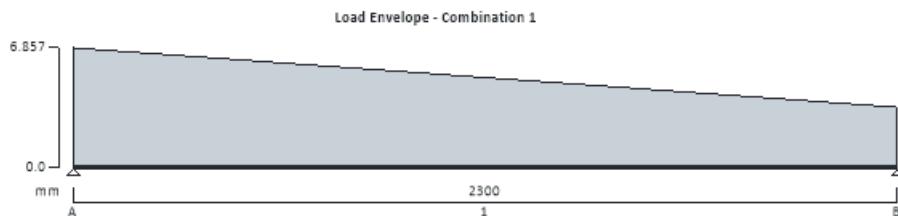
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	Project 10 Lawn Avenue	Job no. 06488L		
	Calcs for R3	Start page no./Revision 13		
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STEEL BEAM ANALYSIS & DESIGN (BS5950)

In accordance with BS5950-1:2000 incorporating Corrigendum No.1

TEDDS calculation version 3.0.07

**Support conditions**Support A Vertically restrained
 Rotationally freeSupport B Vertically restrained
 Rotationally free**Applied loading**Beam loads Dead full VDL 1.6 kN/m to 0 kN/m
 Imposed full VDL 0.72 kN/m to 0 kN/m
 Dead full UDL 2.25 kN/m
 Dead self weight of beam × 1**Load combinations**Load combination 1 Support A Dead × 1.40
 Imposed × 1.60
 Dead × 1.40
 Imposed × 1.60
 Support B Dead × 1.40
 Imposed × 1.60

	Project 10 Lawn Avenue	Job no. 06488L			
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Analysis results

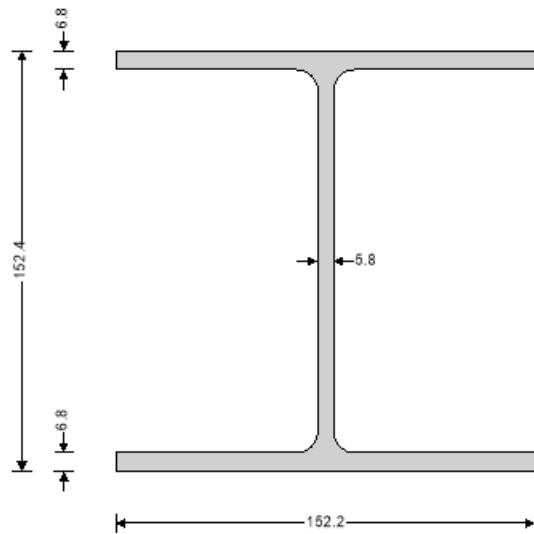
Maximum moment	$M_{\max} = 3.4 \text{ kNm}$	$M_{\min} = 0 \text{ kNm}$
Maximum shear	$V_{\max} = 6.6 \text{ kN}$	$V_{\min} = -5.3 \text{ kN}$
Deflection	$\delta_{\max} = 0.5 \text{ mm}$	$\delta_{\min} = 0 \text{ mm}$
Maximum reaction at support A	$R_{A_max} = 6.6 \text{ kN}$	$R_{A_min} = 6.6 \text{ kN}$
Unfactored dead load reaction at support A	$R_{A_Dead} = 4.1 \text{ kN}$	
Unfactored imposed load reaction at support A	$R_{A_Imposed} = 0.6 \text{ kN}$	
Maximum reaction at support B	$R_{B_max} = 5.3 \text{ kN}$	$R_{B_min} = 5.3 \text{ kN}$
Unfactored dead load reaction at support B	$R_{B_Dead} = 3.5 \text{ kN}$	
Unfactored imposed load reaction at support B	$R_{B_Imposed} = 0.3 \text{ kN}$	

Section details

Section type	UC 152x152x23 (British Steel Section Range 2022 (BS4-1))
Steel grade	S355

From table 9: Design strength p_y

Thickness of element	$\max(T, t) = 6.8 \text{ mm}$
Design strength	$p_y = 355 \text{ N/mm}^2$
Modulus of elasticity	$E = 205000 \text{ N/mm}^2$



Lateral restraint

Span 1 has lateral restraint at supports only

Effective length factors

Effective length factor in major axis	$K_x = 1.00$
Effective length factor in minor axis	$K_y = 1.00$
Effective length factor for lateral-torsional buckling	$K_{LT,A} = 1.00$
	$K_{LT,B} = 1.00$

Classification of cross sections - Section 3.5

$$\varepsilon = \sqrt{[275 \text{ N/mm}^2 / p_y]} = 0.88$$

Internal compression parts - Table 11

Depth of section	$d = 123.6 \text{ mm}$	
	$d / t = 24.2 \times \varepsilon \leq 80 \times \varepsilon$	Class 1 plastic

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Outstand flanges - Table 11

Width of section

$$b = B / 2 = 76.1 \text{ mm}$$

$$b / T = 12.7 \times \varepsilon \leq 15 \times \varepsilon$$

Class 3 semi-compact

Section is class 3 semi-compact

Shear capacity - Section 4.2.3

Design shear force

$$F_v = \max(\text{abs}(V_{\max}), \text{abs}(V_{\min})) = 6.6 \text{ kN}$$

$$d / t < 70 \times \varepsilon$$

Web does not need to be checked for shear buckling

Shear area

$$A_v = t \times D = 884 \text{ mm}^2$$

Design shear resistance

$$P_v = 0.6 \times p_y \times A_v = 188.3 \text{ kN}$$

PASS - Design shear resistance exceeds design shear force

Moment capacity - Section 4.2.5

Design bending moment

$$M = \max(\text{abs}(M_{s1_max}), \text{abs}(M_{s1_min})) = 3.4 \text{ kNm}$$

Effective plastic modulus - Section 3.5.6

Limiting value for class 2 compact flange

$$\beta_{2f} = 10 \times \varepsilon = 8.801$$

Limiting value for class 3 semi-compact flange

$$\beta_{3f} = 15 \times \varepsilon = 13.202$$

Limiting value for class 2 compact web

$$\beta_{2w} = 100 \times \varepsilon = 88.014$$

Limiting value for class 3 semi-compact web

$$\beta_{3w} = 120 \times \varepsilon = 105.617$$

Effective plastic modulus - cl.3.5.6.2

$$S_{\text{eff}} = \min(Z_{xx} + (S_{xx} - Z_{xx}) \times \min([(\beta_{3w} / (d / t))^2 - 1] / ((\beta_{3w} / \beta_{2w})^2 - 1), [(\beta_{3f} / (b / T) - 1) / (\beta_{3f} / \beta_{2f} - 1)], S_{xx}) = 170473 \text{ mm}^3$$

Moment capacity low shear - cl.4.2.5.2

$$M_c = \min(p_y \times S_{\text{eff}}, 1.2 \times p_y \times Z_{xx}) = 60.5 \text{ kNm}$$

Effective length for lateral-torsional buckling - Section 4.3.5

Effective length for lateral torsional buckling

$$L_E = 1.0 \times L_{s1} = 2300 \text{ mm}$$

Slenderness ratio

$$\lambda = L_E / r_{yy} = 62.197$$

Equivalent slenderness - Section 4.3.6.7

Buckling parameter

$$u = 0.840$$

Torsional index

$$x = 20.701$$

Slenderness factor

$$v = 1 / [1 + 0.05 \times (\lambda / x)^2]^{0.25} = 0.911$$

Ratio - cl.4.3.6.9

$$\beta_w = S_{\text{eff}} / S_{xx} = 0.937$$

Equivalent slenderness - cl.4.3.6.7

$$\lambda_{LT} = u \times v \times \lambda \times \sqrt{[\beta_w]} = 46.046$$

Limiting slenderness - Annex B.2.2

$$\lambda_{Lo} = 0.4 \times (\pi^2 \times E / p_y)^{0.5} = 30.198$$

$\lambda_{LT} > \lambda_{Lo}$ - Allowance should be made for lateral-torsional buckling

Bending strength - Section 4.3.6.5

Robertson constant

$$\alpha_{LT} = 7.0$$

Perry factor

$$\eta_{LT} = \max(\alpha_{LT} \times (\lambda_{LT} - \lambda_{Lo}) / 1000, 0) = 0.111$$

Euler stress

$$p_E = \pi^2 \times E / \lambda_{LT}^2 = 954.3 \text{ N/mm}^2$$

Bending strength - Annex B.2.1

$$\phi_{LT} = (p_y + (\eta_{LT} + 1) \times p_E) / 2 = 707.6 \text{ N/mm}^2$$

$$p_b = p_E \times p_y / (\phi_{LT} + (\phi_{LT}^2 - p_E \times p_y)^{0.5}) = 305.2 \text{ N/mm}^2$$

Equivalent uniform moment factor - Section 4.3.6.6

Moment at quarter point of segment

$$M_2 = 2.7 \text{ kNm}$$

Moment at centre-line of segment

$$M_3 = 3.4 \text{ kNm}$$

Moment at three quarter point of segment

$$M_4 = 2.4 \text{ kNm}$$

Maximum moment in segment

$$M_{abs} = 3.4 \text{ kNm}$$

Maximum moment governing buckling resistance

$$M_{LT} = M_{abs} = 3.4 \text{ kNm}$$

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Equivalent uniform moment factor for lateral-torsional buckling

$$m_{LT} = \max(0.2 + (0.15 \times M_2 + 0.5 \times M_3 + 0.15 \times M_4) / M_{abs}, 0.44) = \mathbf{0.923}$$

Buckling resistance moment - Section 4.3.6.4

Buckling resistance moment

$$M_b = p_b \times S_{eff} = \mathbf{52} \text{ kNm}$$

$$M_b / m_{LT} = \mathbf{56.4} \text{ kNm}$$

PASS - Buckling resistance moment exceeds design bending moment

Check vertical deflection - Section 2.5.2

Consider deflection due to dead and imposed loads

Limiting deflection

$$\delta_{lim} = L_{s1} / 250 = \mathbf{9.2} \text{ mm}$$

Maximum deflection span 1

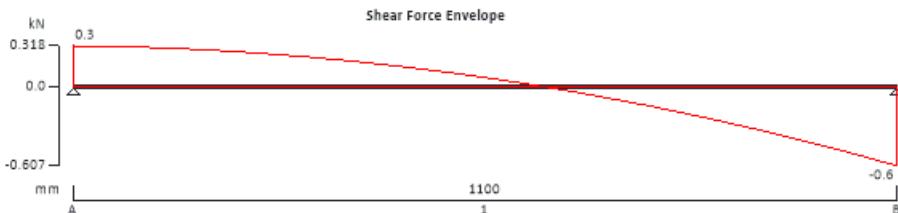
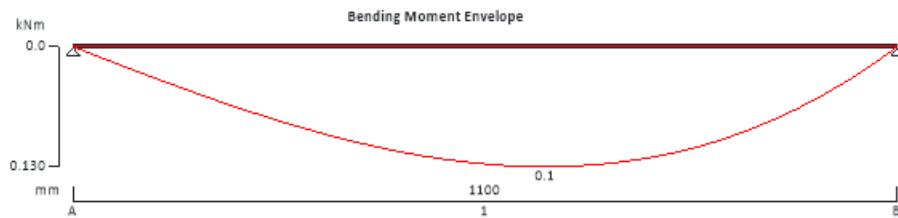
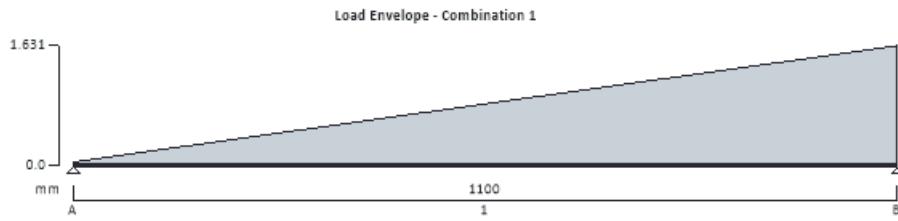
$$\delta = \max(\text{abs}(\delta_{max}), \text{abs}(\delta_{min})) = \mathbf{0.517} \text{ mm}$$

PASS - Maximum deflection does not exceed deflection limit

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TIMBER BEAM ANALYSIS & DESIGN TO BS5268-2:2002

TEDDS calculation version 1.7.03



Applied loading

Beam loads

Dead full VDL 0.000 kN/m to 1.100 kN/m

Imposed full VDL 0.000 kN/m to 0.480 kN/m

Dead self weight of beam × 1

Load combinations

Load combination 1

Support A

Dead × 1.00

Imposed × 1.00

Span 1

Dead × 1.00

Imposed × 1.00

Support B

Dead × 1.00

Imposed × 1.00

Analysis results

Maximum moment

$M_{max} = 0.130 \text{ kNm}$

$M_{min} = 0.000 \text{ kNm}$

Design moment

$M = \max(\text{abs}(M_{max}), \text{abs}(M_{min})) = 0.130 \text{ kNm}$

Maximum shear

$F_{max} = 0.318 \text{ kN}$

$F_{min} = -0.607 \text{ kN}$

Design shear

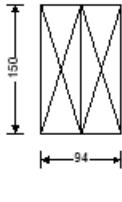
$F = \max(\text{abs}(F_{max}), \text{abs}(F_{min})) = 0.607 \text{ kN}$

Total load on beam

$W_{tot} = 0.925 \text{ kN}$

	Project 10 Lawn Avenue	Job no. 06488L			
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Reactions at support A	$R_{A_max} = 0.318 \text{ kN}$	$R_{A_min} = 0.318 \text{ kN}$
Unfactored dead load reaction at support A	$R_{A_Dead} = 0.230 \text{ kN}$	
Unfactored imposed load reaction at support A	$R_{A_Imposed} = 0.088 \text{ kN}$	
Reactions at support B	$R_{B_max} = 0.607 \text{ kN}$	$R_{B_min} = 0.607 \text{ kN}$
Unfactored dead load reaction at support B	$R_{B_Dead} = 0.431 \text{ kN}$	
Unfactored imposed load reaction at support B	$R_{B_Imposed} = 0.176 \text{ kN}$	



Timber section details

Breadth of sections	$b = 47 \text{ mm}$
Depth of sections	$h = 150 \text{ mm}$
Number of sections in member	$N = 2$
Overall breadth of member	$b_b = N \times b = 94 \text{ mm}$
Timber strength class	C16

Member details

Service class of timber	1
Load duration	Long term
Length of span	$L_{s1} = 1100 \text{ mm}$
Length of bearing	$L_b = 100 \text{ mm}$

Section properties

Cross sectional area of member	$A = N \times b \times h = 14100 \text{ mm}^2$
Section modulus	$Z_x = N \times b \times h^2 / 6 = 352500 \text{ mm}^3$
	$Z_y = h \times (N \times b)^2 / 6 = 220900 \text{ mm}^3$
Second moment of area	$I_x = N \times b \times h^3 / 12 = 26437500 \text{ mm}^4$
Radius of gyration	$i_x = \sqrt{I_x / A} = 43.3 \text{ mm}$ $i_y = \sqrt{I_y / A} = 27.1 \text{ mm}$

Modification factors

Duration of loading - Table 17	$K_3 = 1.00$
Bearing stress - Table 18	$K_4 = 1.00$
Total depth of member - cl.2.10.6	$K_7 = (300 \text{ mm} / h)^{0.11} = 1.08$
Load sharing - cl.2.10.11	$K_8 = 1.10$
Minimum modulus of elasticity - Table 20	$K_9 = 1.14$

Lateral support - cl.2.10.8

No lateral support	
Permissible depth-to-breadth ratio - Table 19	2.00
Actual depth-to-breadth ratio	$h / (N \times b) = 1.60$

PASS - Lateral support is adequate

Compression perpendicular to grain

Permissible bearing stress (no wane)	$\sigma_{c_adm} = \sigma_{cp1} \times K_3 \times K_4 \times K_8 = 2.420 \text{ N/mm}^2$
Applied bearing stress	$\sigma_{c_a} = R_{B_max} / (N \times b \times L_b) = 0.065 \text{ N/mm}^2$

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$$\sigma_{c,a} / \sigma_{c,adm} = \mathbf{0.027}$$

PASS - Applied compressive stress is less than permissible compressive stress at bearing

Bending parallel to grain

Permissible bending stress

$$\sigma_{m,adm} = \sigma_m \times K_3 \times K_7 \times K_8 = \mathbf{6.292} \text{ N/mm}^2$$

Applied bending stress

$$\sigma_{m,a} = M / Z_x = \mathbf{0.369} \text{ N/mm}^2$$

$$\sigma_{m,a} / \sigma_{m,adm} = \mathbf{0.059}$$

PASS - Applied bending stress is less than permissible bending stress

Shear parallel to grain

Permissible shear stress

$$\tau_{adm} = \tau \times K_3 \times K_8 = \mathbf{0.737} \text{ N/mm}^2$$

Applied shear stress

$$\tau_a = 3 \times F / (2 \times A) = \mathbf{0.065} \text{ N/mm}^2$$

$$\tau_a / \tau_{adm} = \mathbf{0.088}$$

PASS - Applied shear stress is less than permissible shear stress

Deflection

Modulus of elasticity for deflection

$$E = E_{min} \times K_9 = \mathbf{6612} \text{ N/mm}^2$$

Permissible deflection

$$\delta_{adm} = \min(0.551 \text{ in}, 0.003 \times L_{s1}) = \mathbf{3.300} \text{ mm}$$

Bending deflection

$$\delta_{b,s1} = \mathbf{0.092} \text{ mm}$$

Shear deflection

$$\delta_{v,s1} = \mathbf{0.027} \text{ mm}$$

Total deflection

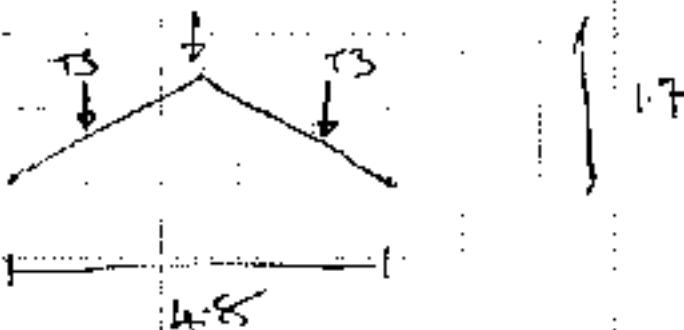
$$\delta_a = \delta_{b,s1} + \delta_{v,s1} = \mathbf{0.119} \text{ mm}$$

$$\delta_a / \delta_{adm} = \mathbf{0.036}$$

PASS - Total deflection is less than permissible deflection

H2 Steel (Gavell) Beams.

H1+H1x2



H1 + H1x2

$$DL = 475 \times 2 + 185 = 114$$

$$IL = 0.81 + 1.99 \times 2 = 3.3$$

$$T3 \cdot DL \cdot 1.33 \times 2.7/2 \times t/2 = 0.9$$

$$IL \cdot 0.6 \times 2.7/2 \times t/2 = 0.41$$

152x152x37 UC

$$M = 30$$

$$Ax = 8.1$$

$$\delta = 9.2$$

$$M_{bx} = 67.5$$

$$P_{ay} = 44.2$$

$$U_L = 0.46$$

Factors

$$DL = 7.7$$

$$IL = 2.1$$

Project 10 Lawn Avenue Calcs for Cranked R2 Calcs by LA	Job no. 06488L			
	Start page no./Revision 21			
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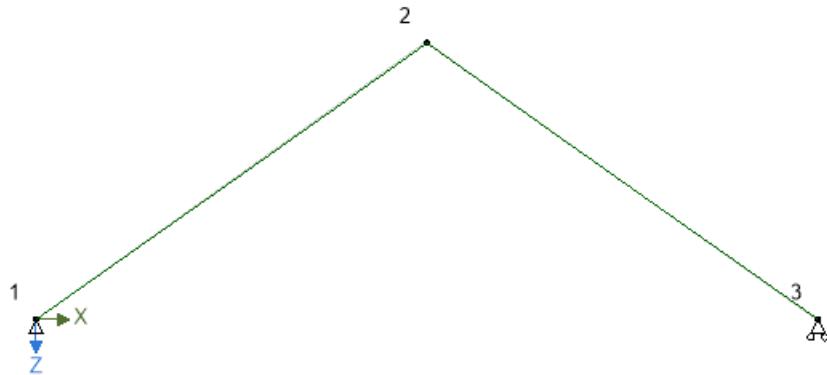
ANALYSIS

Tedds calculation version 1.0.37

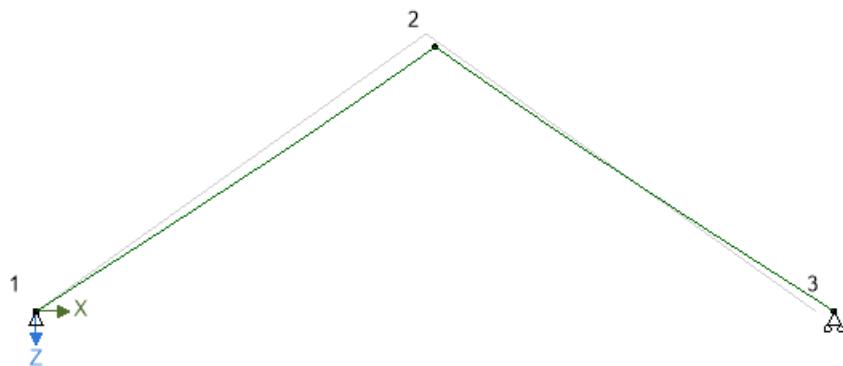
Results

Total deflection

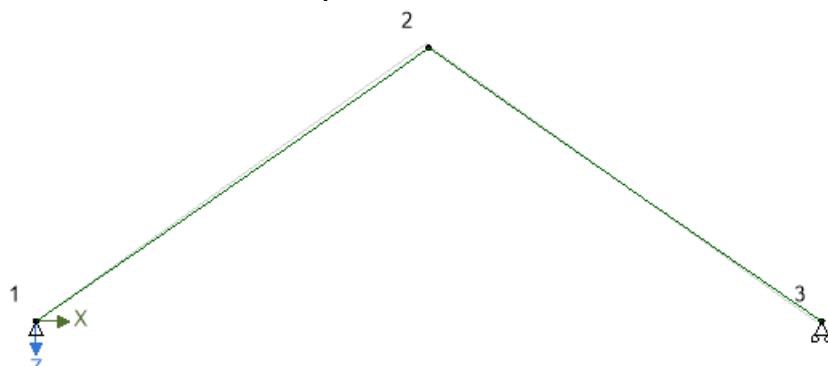
Self Weight - Total deflection



Permanent - Total deflection



Imposed - Total deflection



	Project 10 Lawn Avenue					Job no. 06488L	
	Calcs for Cranked R2					Start page no./Revision 22	
	Calcs by LA	Calcs date 21/05/2024	Checked by	Checked date	Approved by	Approved date	

Node deflections
Load case: Self Weight

Node	Deflection		Rotation (°)	Co-ordinate system
	X (mm)	Z (mm)		
1	0	0	0.03173	
2	0.6	0.8	0	
3	1.2	0	-0.03173	

Load case: Permanent

Node	Deflection		Rotation (°)	Co-ordinate system
	X (mm)	Z (mm)		
1	0	0	0.28468	
2	5.7	8	-0.00003	
3	11.3	0	-0.28462	

Load case: Imposed

Node	Deflection		Rotation (°)	Co-ordinate system
	X (mm)	Z (mm)		
1	0	0	0.08735	
2	1.7	2.4	0	
3	3.5	0	-0.08735	

Total base reactions

Load case/combination	Force	
	FX (kN)	FZ (kN)
Self Weight	0	2.1
Permanent	0	13.2
Imposed	0	4.1

Element end forces
Load case: Self Weight

Element	Length (m)	Nodes Start/End	Axial force (kN)	Shear force (kN)	Moment (kNm)
1	2.941	1	-0.6	-0.9	0
		2	0	0	1.3
2	2.941	2	0	0	-1.3
		3	0.6	-0.9	0

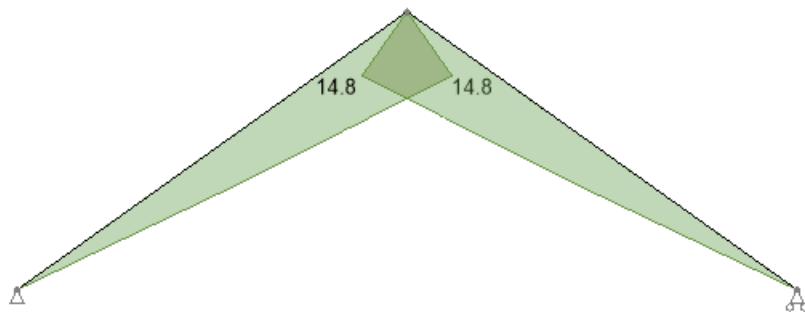
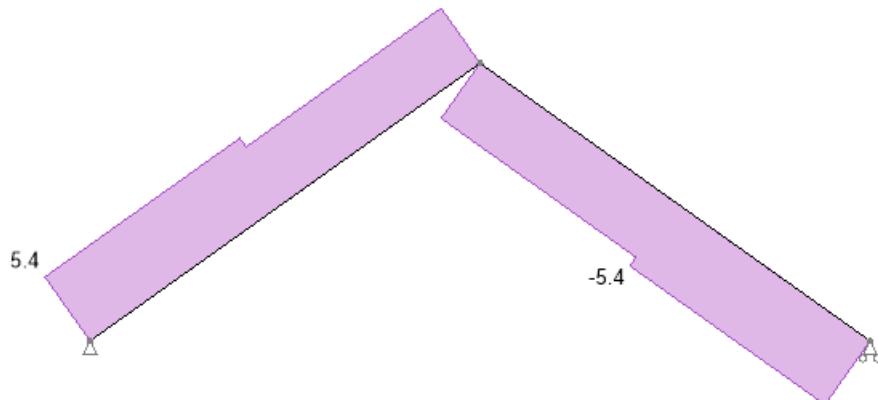
Load case: Permanent

Element	Length (m)	Nodes Start/End	Axial force (kN)	Shear force (kN)	Moment (kNm)
1	2.941	1	-3.8	-5.4	0
		2	3.3	4.6	14.8
2	2.941	2	-3.3	4.7	-14.8
		3	3.8	-5.4	0

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	Calcs for Cranked R2					Start page no./Revision 23
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Load case: Imposed

Element	Length (m)	Nodes Start/End	Axial force (kN)	Shear force (kN)	Moment (kNm)
1	2.941	1	-1.2	-1.7	0
		2	1	1.3	4.5
2	2.941	2	-1	1.3	-4.5
		3	1.2	-1.7	0

Forces
All load cases - Moment envelope (kNm)

All load cases - Shear envelope (kN)

Element results
Envelope - All load cases

Element	Shear force		Moment			
	Pos (m)	Max abs (kN)	Pos (m)	Max (kNm)	Pos (m)	Min (kNm)
1	0	5.4 (max abs)	2.941	14.8 (max)	0	0 (min)
2	1.471	-5.4	0	14.8 (max)	2.941	0 (min)

Calculation

Contract 10 Lawn Avenue

Sheet 24

By LA

Floor slab.

Span = 3.2.

$$DL = 1404 \div 0.4$$

$$UL = 15 \times 0.4 = 0.6$$

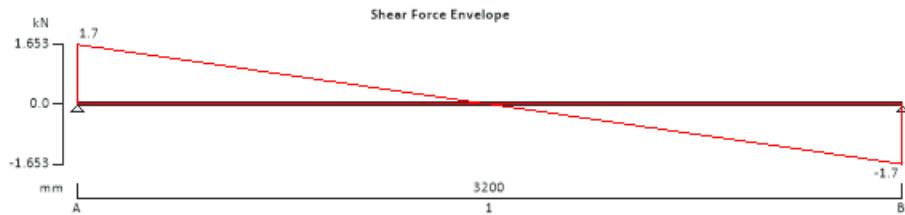
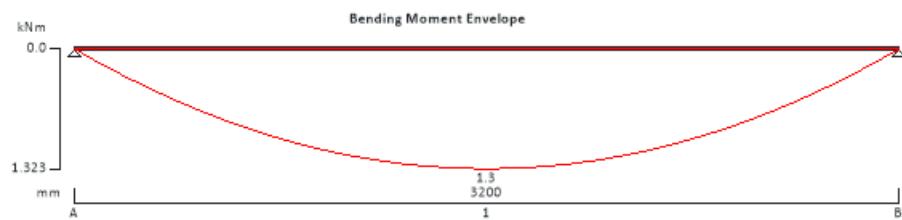
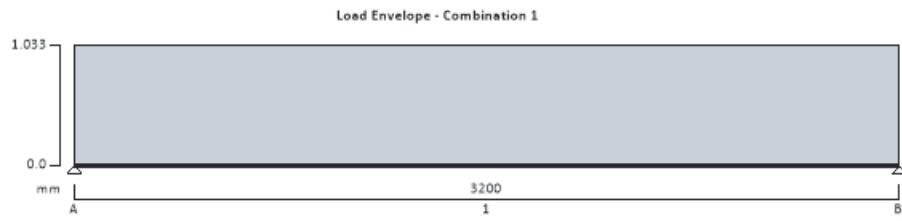
175 x 50 cm

@ 400mm c/c.

	Project 10 Lawn Avenue				Job no. 06488L	
	Calcs for Floor JOists				Start page no./Revision 25	
	Calcs by LA	Calcs date 13/06/2024	Checked by	Checked date	Approved by	Approved date

TIMBER BEAM ANALYSIS & DESIGN TO BS5268-2:2002

TEDDS calculation version 1.7.03



Applied loading

Beam loads

Dead full UDL 0.400 kN/m

Imposed full UDL 0.600 kN/m

Dead self weight of beam × 1

Load combinations

Load combination 1

Support A

Dead × 1.00

Imposed × 1.00

Span 1

Dead × 1.00

Imposed × 1.00

Support B

Dead × 1.00

Imposed × 1.00

Analysis results

Maximum moment

$M_{max} = 1.323 \text{ kNm}$

$M_{min} = 0.000 \text{ kNm}$

Design moment

$M = \max(\text{abs}(M_{max}), \text{abs}(M_{min})) = 1.323 \text{ kNm}$

Maximum shear

$F_{max} = 1.653 \text{ kN}$

$F_{min} = -1.653 \text{ kN}$

Design shear

$F = \max(\text{abs}(F_{max}), \text{abs}(F_{min})) = 1.653 \text{ kN}$

Total load on beam

$W_{tot} = 3.307 \text{ kN}$

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Reactions at support A $R_{A_max} = 1.653 \text{ kN}$ $R_{A_min} = 1.653 \text{ kN}$

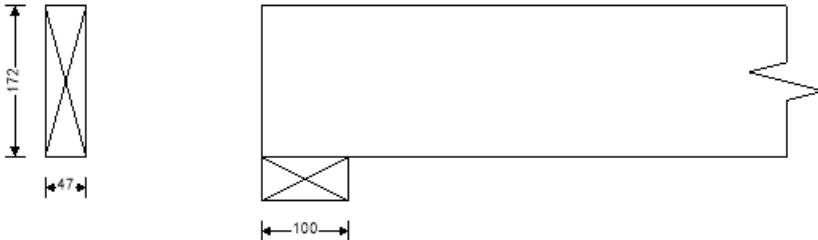
Unfactored dead load reaction at support A $R_{A_Dead} = 0.693 \text{ kN}$

Unfactored imposed load reaction at support A $R_{A_Imposed} = 0.960 \text{ kN}$

Reactions at support B $R_{B_max} = 1.653 \text{ kN}$ $R_{B_min} = 1.653 \text{ kN}$

Unfactored dead load reaction at support B $R_{B_Dead} = 0.693 \text{ kN}$

Unfactored imposed load reaction at support B $R_{B_Imposed} = 0.960 \text{ kN}$



Timber section details

Breadth of sections $b = 47 \text{ mm}$

Depth of sections $h = 172 \text{ mm}$

Number of sections in member $N = 1$

Overall breadth of member $b_b = N \times b = 47 \text{ mm}$

Timber strength class **C24**

Member details

Service class of timber **1**

Load duration **Long term**

Length of span $L_{s1} = 3200 \text{ mm}$

Length of bearing $L_b = 100 \text{ mm}$

The beam is part of a load-sharing system consisting of four or more members

Section properties

Cross sectional area of member $A = N \times b \times h = 8084 \text{ mm}^2$

Section modulus $Z_x = N \times b \times h^2 / 6 = 231741 \text{ mm}^3$

$Z_y = h \times (N \times b)^2 / 6 = 63325 \text{ mm}^3$

Second moment of area $I_x = N \times b \times h^3 / 12 = 19929755 \text{ mm}^4$

$I_y = h \times (N \times b)^3 / 12 = 1488130 \text{ mm}^4$

Radius of gyration $i_x = \sqrt{I_x / A} = 49.7 \text{ mm}$

$i_y = \sqrt{I_y / A} = 13.6 \text{ mm}$

Modification factors

Duration of loading - Table 17 $K_3 = 1.00$

Bearing stress - Table 18 $K_4 = 1.00$

Total depth of member - cl.2.10.6 $K_7 = (300 \text{ mm} / h)^{0.11} = 1.06$

Load sharing - cl.2.9 $K_8 = 1.10$

Lateral support - cl.2.10.8

Ends held in position and members held in line, as by purlins or tie rods at centres not more than 30 times the breadth of the member

Permissible depth-to-breadth ratio - Table 19 **4.00**

Actual depth-to-breadth ratio $h / (N \times b) = 3.66$

PASS - Lateral support is adequate

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Compression perpendicular to grain

Permissible bearing stress (no wane)

$$\sigma_{c_adm} = \sigma_{cp1} \times K_3 \times K_4 \times K_8 = \mathbf{2.640 \text{ N/mm}^2}$$

Applied bearing stress

$$\sigma_{c_a} = R_{A_max} / (N \times b \times L_b) = \mathbf{0.352 \text{ N/mm}^2}$$

$$\sigma_{c_a} / \sigma_{c_adm} = \mathbf{0.133}$$

PASS - Applied compressive stress is less than permissible compressive stress at bearing

Bending parallel to grain

Permissible bending stress

$$\sigma_{m_adm} = \sigma_m \times K_3 \times K_7 \times K_8 = \mathbf{8.771 \text{ N/mm}^2}$$

Applied bending stress

$$\sigma_{m_a} = M / Z_x = \mathbf{5.707 \text{ N/mm}^2}$$

$$\sigma_{m_a} / \sigma_{m_adm} = \mathbf{0.651}$$

PASS - Applied bending stress is less than permissible bending stress

Shear parallel to grain

Permissible shear stress

$$\tau_{adm} = \tau \times K_3 \times K_8 = \mathbf{0.781 \text{ N/mm}^2}$$

Applied shear stress

$$\tau_a = 3 \times F / (2 \times A) = \mathbf{0.307 \text{ N/mm}^2}$$

$$\tau_a / \tau_{adm} = \mathbf{0.393}$$

PASS - Applied shear stress is less than permissible shear stress

Deflection

Modulus of elasticity for deflection

$$E = E_{mean} = \mathbf{10800 \text{ N/mm}^2}$$

Permissible deflection

$$\delta_{adm} = \min(0.551 \text{ in}, 0.003 \times L_{s1}) = \mathbf{9.600 \text{ mm}}$$

Bending deflection

$$\delta_{b_s1} = \mathbf{6.554 \text{ mm}}$$

Shear deflection

$$\delta_{v_s1} = \mathbf{0.291 \text{ mm}}$$

Total deflection

$$\delta_a = \delta_{b_s1} + \delta_{v_s1} = \mathbf{6.845 \text{ mm}}$$

$$\delta_a / \delta_{adm} = \mathbf{0.713}$$

PASS - Total deflection is less than permissible deflection

Calculation

Contract 10 Lawn Avenue

Sheet 28

By LA

load run down onto retaining wall.

$$DL = 153 \times 2.4 + 1 \times 1.6 + 0.25 \times 1.8 \times 4.7 = 26.$$

$$IL = 0.6 \times 2.4 + 1.5 \times 1.6 = 3.9$$

retaining wall wt. = 16.

+ Thrusts + insulation : allow 0.5

$$= 175\text{m.}$$

$$= 3.9$$

on 50mm bedding on 100mm well

Compacted hardcore

$$= 1.9\text{m.}$$

excavate + batter back excavation @

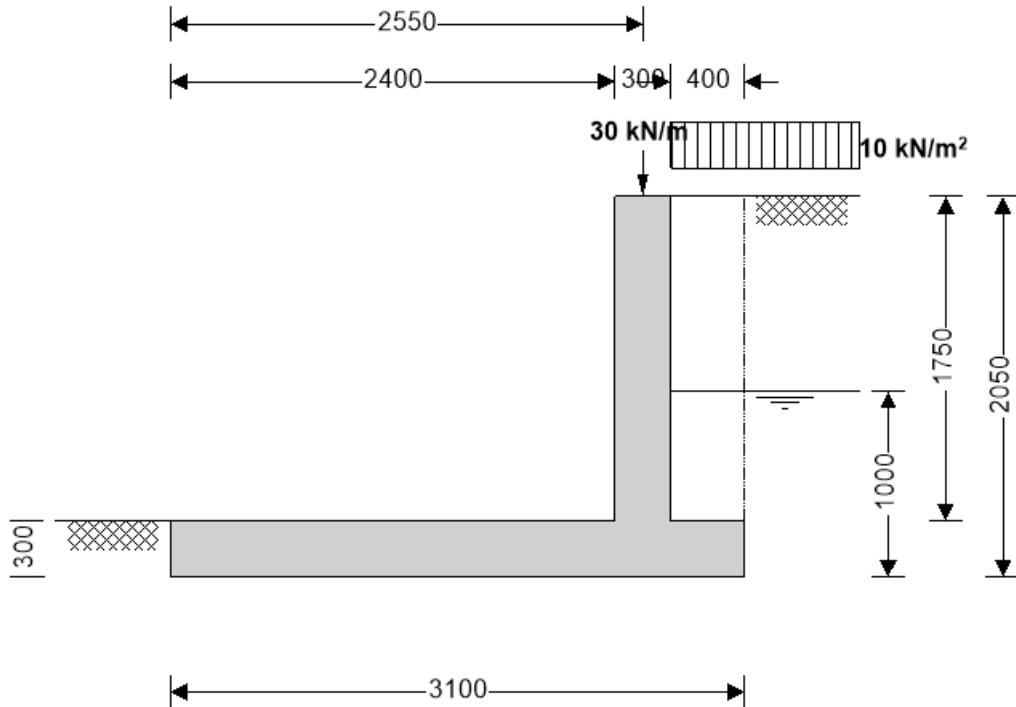
45° 2m. (allowance around)

New house or temporary walls
Required.

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RETAINING WALL ANALYSIS (BS 8002:1994)

TEDDS calculation version 1.2.01.08

**Wall details**

Retaining wall type

Unpropped cantilever

Height of retaining wall stem

$$h_{\text{stem}} = 1750 \text{ mm}$$

Thickness of wall stem

$$t_{\text{wall}} = 300 \text{ mm}$$

Length of toe

$$l_{\text{toe}} = 2400 \text{ mm}$$

Length of heel

$$l_{\text{heel}} = 400 \text{ mm}$$

Overall length of base

$$l_{\text{base}} = l_{\text{toe}} + l_{\text{heel}} + t_{\text{wall}} = 3100 \text{ mm}$$

Thickness of base

$$t_{\text{base}} = 300 \text{ mm}$$

Depth of downstand

$$d_{\text{ds}} = 0 \text{ mm}$$

Position of downstand

$$l_{\text{ds}} = 1400 \text{ mm}$$

Thickness of downstand

$$t_{\text{ds}} = 300 \text{ mm}$$

Height of retaining wall

$$h_{\text{wall}} = h_{\text{stem}} + t_{\text{base}} + d_{\text{ds}} = 2050 \text{ mm}$$

Depth of cover in front of wall

$$d_{\text{cover}} = 0 \text{ mm}$$

Depth of unplanned excavation

$$d_{\text{exc}} = 0 \text{ mm}$$

Height of ground water behind wall

$$h_{\text{water}} = 1000 \text{ mm}$$

Height of saturated fill above base

$$h_{\text{sat}} = \max(h_{\text{water}} - t_{\text{base}} - d_{\text{ds}}, 0 \text{ mm}) = 700 \text{ mm}$$

Density of wall construction

$$\gamma_{\text{wall}} = 23.6 \text{ kN/m}^3$$

Density of base construction

$$\gamma_{\text{base}} = 23.6 \text{ kN/m}^3$$

Angle of rear face of wall

$$\alpha = 90.0 \text{ deg}$$

Angle of soil surface behind wall

$$\beta = 0.0 \text{ deg}$$

Effective height at virtual back of wall

$$h_{\text{eff}} = h_{\text{wall}} + l_{\text{heel}} \times \tan(\beta) = 2050 \text{ mm}$$

Retained material details

Mobilisation factor

$$M = 1.5$$

Moist density of retained material

$$\gamma_m = 18.0 \text{ kN/m}^3$$

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Saturated density of retained material $\gamma_s = 21.0 \text{ kN/m}^3$

Design shear strength $\phi' = 24.2 \text{ deg}$

Angle of wall friction $\delta = 0.0 \text{ deg}$

Base material details

Moist density $\gamma_{mb} = 18.0 \text{ kN/m}^3$

Design shear strength $\phi'b = 24.2 \text{ deg}$

Design base friction $\delta_b = 18.6 \text{ deg}$

Allowable bearing pressure $P_{bearing} = 100 \text{ kN/m}^2$

Using Coulomb theory

Active pressure coefficient for retained material

$$K_a = \sin(\alpha + \phi')^2 / (\sin(\alpha)^2 \times \sin(\alpha - \delta) \times [1 + \sqrt{(\sin(\phi' + \delta) \times \sin(\phi' - \beta)) / (\sin(\alpha - \delta) \times \sin(\alpha + \beta))}]^2) = 0.419$$

Passive pressure coefficient for base material

$$K_p = \sin(90 - \phi'b)^2 / (\sin(90 - \delta_b) \times [1 - \sqrt{(\sin(\phi'b + \delta_b) \times \sin(\phi'b)) / (\sin(90 + \delta_b))}]^2) = 4.187$$

At-rest pressure

At-rest pressure for retained material $K_0 = 1 - \sin(\phi') = 0.590$

Loading details

Surcharge load on plan $\text{Surcharge} = 10.0 \text{ kN/m}^2$

Applied vertical dead load on wall $W_{dead} = 26.0 \text{ kN/m}$

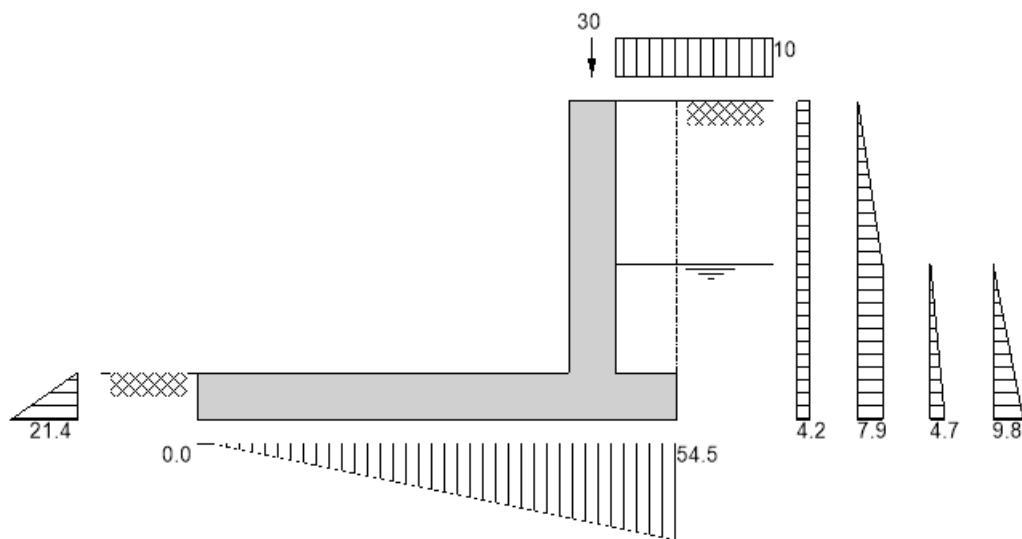
Applied vertical live load on wall $W_{live} = 3.9 \text{ kN/m}$

Position of applied vertical load on wall $l_{load} = 2550 \text{ mm}$

Applied horizontal dead load on wall $F_{dead} = 0.0 \text{ kN/m}$

Applied horizontal live load on wall $F_{live} = 0.0 \text{ kN/m}$

Height of applied horizontal load on wall $h_{load} = 0 \text{ mm}$



Loads shown in kN/m, pressures shown in kN/m²

Vertical forces on wall

Wall stem $W_{wall} = h_{stem} \times t_{wall} \times \gamma_{wall} = 12.4 \text{ kN/m}$

Wall base $W_{base} = l_{base} \times t_{base} \times \gamma_{base} = 21.9 \text{ kN/m}$

Surcharge $W_{sur} = \text{Surcharge} \times l_{heel} = 4 \text{ kN/m}$

Moist backfill to top of wall $W_{m_w} = l_{heel} \times (h_{stem} - h_{sat}) \times \gamma_m = 7.6 \text{ kN/m}$

Saturated backfill $W_s = l_{heel} \times h_{sat} \times \gamma_s = 5.9 \text{ kN/m}$

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Applied vertical load

$$W_v = W_{dead} + W_{live} = \mathbf{29.9 \text{ kN/m}}$$

Total vertical load

$$W_{total} = W_{wall} + W_{base} + W_{sur} + W_{m_w} + W_s + W_v = \mathbf{81.7 \text{ kN/m}}$$

Horizontal forces on wall

Surcharge

$$F_{sur} = K_a \times \text{Surcharge} \times h_{eff} = \mathbf{8.6 \text{ kN/m}}$$

Moist backfill above water table

$$F_{m_a} = 0.5 \times K_a \times \gamma_m \times (h_{eff} - h_{water})^2 = \mathbf{4.2 \text{ kN/m}}$$

Moist backfill below water table

$$F_{m_b} = K_a \times \gamma_m \times (h_{eff} - h_{water}) \times h_{water} = \mathbf{7.9 \text{ kN/m}}$$

Saturated backfill

$$F_s = 0.5 \times K_a \times (\gamma_s - \gamma_{water}) \times h_{water}^2 = \mathbf{2.3 \text{ kN/m}}$$

Water

$$F_{water} = 0.5 \times h_{water}^2 \times \gamma_{water} = \mathbf{4.9 \text{ kN/m}}$$

Total horizontal load

$$F_{total} = F_{sur} + F_{m_a} + F_{m_b} + F_s + F_{water} = \mathbf{27.9 \text{ kN/m}}$$

Calculate stability against sliding

Passive resistance of soil in front of wall

$$F_p = 0.5 \times K_p \times \cos(\delta_b) \times (d_{cover} + t_{base} + d_{ds} - d_{exc})^2 \times \gamma_{mb} = \mathbf{3.2 \text{ kN/m}}$$

Resistance to sliding

$$F_{res} = F_p + (W_{total} - W_{sur} - W_{live}) \times \tan(\delta_b) = \mathbf{28.0 \text{ kN/m}}$$

PASS - Resistance force is greater than sliding force

Overturning moments

Surcharge

$$M_{sur} = F_{sur} \times (h_{eff} - 2 \times d_{ds}) / 2 = \mathbf{8.8 \text{ kNm/m}}$$

Moist backfill above water table

$$M_{m_a} = F_{m_a} \times (h_{eff} + 2 \times h_{water} - 3 \times d_{ds}) / 3 = \mathbf{5.6 \text{ kNm/m}}$$

Moist backfill below water table

$$M_{m_b} = F_{m_b} \times (h_{water} - 2 \times d_{ds}) / 2 = \mathbf{4 \text{ kNm/m}}$$

Saturated backfill

$$M_s = F_s \times (h_{water} - 3 \times d_{ds}) / 3 = \mathbf{0.8 \text{ kNm/m}}$$

Water

$$M_{water} = F_{water} \times (h_{water} - 3 \times d_{ds}) / 3 = \mathbf{1.6 \text{ kNm/m}}$$

Total overturning moment

$$M_{ot} = M_{sur} + M_{m_a} + M_{m_b} + M_s + M_{water} = \mathbf{20.8 \text{ kNm/m}}$$

Restoring moments

Wall stem

$$M_{wall} = W_{wall} \times (l_{toe} + t_{wall} / 2) = \mathbf{31.6 \text{ kNm/m}}$$

Wall base

$$M_{base} = W_{base} \times l_{base} / 2 = \mathbf{34 \text{ kNm/m}}$$

Moist backfill

$$M_{m_r} = (W_{m_w} \times (l_{base} - l_{heel} / 2) + W_{m_s} \times (l_{base} - l_{heel} / 3)) = \mathbf{21.9 \text{ kNm/m}}$$

Saturated backfill

$$M_{s_r} = W_s \times (l_{base} - l_{heel} / 2) = \mathbf{17.1 \text{ kNm/m}}$$

Design vertical dead load

$$M_{dead} = W_{dead} \times l_{load} = \mathbf{66.3 \text{ kNm/m}}$$

Total restoring moment

$$M_{rest} = M_{wall} + M_{base} + M_{m_r} + M_{s_r} + M_{dead} = \mathbf{170.9 \text{ kNm/m}}$$

Check stability against overturning

Total overturning moment

$$M_{ot} = \mathbf{20.8 \text{ kNm/m}}$$

Total restoring moment

$$M_{rest} = \mathbf{170.9 \text{ kNm/m}}$$

PASS - Restoring moment is greater than overturning moment

Check bearing pressure

Surcharge

$$M_{sur_r} = W_{sur} \times (l_{base} - l_{heel} / 2) = \mathbf{11.6 \text{ kNm/m}}$$

Design vertical live load

$$M_{live} = W_{live} \times l_{load} = \mathbf{9.9 \text{ kNm/m}}$$

Total moment for bearing

$$M_{total} = M_{rest} - M_{ot} + M_{sur_r} + M_{live} = \mathbf{171.7 \text{ kNm/m}}$$

Total vertical reaction

$$R = W_{total} = \mathbf{81.7 \text{ kN/m}}$$

Distance to reaction

$$X_{bar} = M_{total} / R = \mathbf{2102 \text{ mm}}$$

Eccentricity of reaction

$$e = \text{abs}((l_{base} / 2) - X_{bar}) = \mathbf{552 \text{ mm}}$$

Reaction acts outside middle third of base

$$p_{toe} = 0 \text{ kN/m}^2 = \mathbf{0 \text{ kN/m}^2}$$

$$p_{heel} = R / (1.5 \times (l_{base} - X_{bar})) = \mathbf{54.5 \text{ kN/m}^2}$$

PASS - Maximum bearing pressure is less than allowable bearing pressure

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RETAINING WALL DESIGN (BS 8002:1994)

TEDDS calculation version 1.2.01.08

Ultimate limit state load factors

Dead load factor	$\gamma_{f_d} = 1.4$
Live load factor	$\gamma_{f_l} = 1.6$
Earth and water pressure factor	$\gamma_{f_e} = 1.4$

Factored vertical forces on wall

Wall stem	$W_{wall_f} = \gamma_{f_d} \times h_{stem} \times t_{wall} \times \gamma_{wall} = 17.3 \text{ kN/m}$
Wall base	$W_{base_f} = \gamma_{f_d} \times l_{base} \times t_{base} \times \gamma_{base} = 30.7 \text{ kN/m}$
Surcharge	$W_{sur_f} = \gamma_{f_l} \times \text{Surcharge} \times l_{heel} = 6.4 \text{ kN/m}$
Moist backfill to top of wall	$W_{m_w_f} = \gamma_{f_d} \times l_{heel} \times (h_{stem} - h_{sat}) \times \gamma_m = 10.6 \text{ kN/m}$
Saturated backfill	$W_{s_f} = \gamma_{f_d} \times l_{heel} \times h_{sat} \times \gamma_s = 8.2 \text{ kN/m}$
Applied vertical load	$W_{v_f} = \gamma_{f_d} \times W_{dead} + \gamma_{f_l} \times W_{live} = 42.6 \text{ kN/m}$
Total vertical load	$W_{total_f} = W_{wall_f} + W_{base_f} + W_{sur_f} + W_{m_w_f} + W_{s_f} + W_{v_f} = 115.9 \text{ kN/m}$

Factored horizontal at-rest forces on wall

Surcharge	$F_{sur_f} = \gamma_{f_l} \times K_0 \times \text{Surcharge} \times h_{eff} = 19.4 \text{ kN/m}$
Moist backfill above water table	$F_{m_a_f} = \gamma_{f_e} \times 0.5 \times K_0 \times \gamma_m \times (h_{eff} - h_{water})^2 = 8.2 \text{ kN/m}$
Moist backfill below water table	$F_{m_b_f} = \gamma_{f_e} \times K_0 \times \gamma_m \times (h_{eff} - h_{water}) \times h_{water} = 15.6 \text{ kN/m}$
Saturated backfill	$F_{s_f} = \gamma_{f_e} \times 0.5 \times K_0 \times (\gamma_s - \gamma_{water}) \times h_{water}^2 = 4.6 \text{ kN/m}$
Water	$F_{water_f} = \gamma_{f_e} \times 0.5 \times h_{water}^2 \times \gamma_{water} = 6.9 \text{ kN/m}$
Total horizontal load	$F_{total_f} = F_{sur_f} + F_{m_a_f} + F_{m_b_f} + F_{s_f} + F_{water_f} = 54.7 \text{ kN/m}$
Passive resistance of soil in front of wall kN/m	$F_{p_f} = \gamma_{f_e} \times 0.5 \times K_p \times \cos(\delta_b) \times (d_{cover} + t_{base} + d_{ds} - d_{exc})^2 \times \gamma_{mb} = 4.5$

Factored overturning moments

Surcharge	$M_{sur_f} = F_{sur_f} \times (h_{eff} - 2 \times d_{ds}) / 2 = 19.8 \text{ kNm/m}$
Moist backfill above water table	$M_{m_a_f} = F_{m_a_f} \times (h_{eff} + 2 \times h_{water} - 3 \times d_{ds}) / 3 = 11.1 \text{ kNm/m}$
Moist backfill below water table	$M_{m_b_f} = F_{m_b_f} \times (h_{water} - 2 \times d_{ds}) / 2 = 7.8 \text{ kNm/m}$
Saturated backfill	$M_{s_f} = F_{s_f} \times (h_{water} - 3 \times d_{ds}) / 3 = 1.5 \text{ kNm/m}$
Water	$M_{water_f} = F_{water_f} \times (h_{water} - 3 \times d_{ds}) / 3 = 2.3 \text{ kNm/m}$
Total overturning moment	$M_{ot_f} = M_{sur_f} + M_{m_a_f} + M_{m_b_f} + M_{s_f} + M_{water_f} = 42.5 \text{ kNm/m}$

Restoring moments

Wall stem	$M_{wall_f} = W_{wall_f} \times (l_{toe} + t_{wall} / 2) = 44.2 \text{ kNm/m}$
Wall base	$M_{base_f} = W_{base_f} \times l_{base} / 2 = 47.6 \text{ kNm/m}$
Surcharge	$M_{sur_r_f} = W_{sur_f} \times (l_{base} - l_{heel} / 2) = 18.6 \text{ kNm/m}$
Moist backfill	$M_{m_r_f} = (W_{m_w_f} \times (l_{base} - l_{heel} / 2) + W_{m_s_f} \times (l_{base} - l_{heel} / 3)) = 30.7 \text{ kNm/m}$
Saturated backfill	$M_{s_r_f} = W_{s_f} \times (l_{base} - l_{heel} / 2) = 23.9 \text{ kNm/m}$
Design vertical load	$M_{v_f} = W_{v_f} \times l_{load} = 108.7 \text{ kNm/m}$
Total restoring moment	$M_{rest_f} = M_{wall_f} + M_{base_f} + M_{sur_r_f} + M_{m_r_f} + M_{s_r_f} + M_{v_f} = 273.7 \text{ kNm/m}$

Factored bearing pressure

Total moment for bearing	$M_{total_f} = M_{rest_f} - M_{ot_f} = 231.2 \text{ kNm/m}$
Total vertical reaction	$R_f = W_{total_f} = 115.9 \text{ kN/m}$
Distance to reaction	$X_{bar_f} = M_{total_f} / R_f = 1994 \text{ mm}$
Eccentricity of reaction	$e_f = \text{abs}((l_{base} / 2) - X_{bar_f}) = 444 \text{ mm}$

Reaction acts within middle third of base

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Bearing pressure at toe

$$p_{toe_f} = (R_f / l_{base}) - (6 \times R_f \times e_f / l_{base}^2) = 5.3 \text{ kN/m}^2$$

Bearing pressure at heel

$$p_{heel_f} = (R_f / l_{base}) + (6 \times R_f \times e_f / l_{base}^2) = 69.5 \text{ kN/m}^2$$

Rate of change of base reaction

$$rate = (p_{toe_f} - p_{heel_f}) / l_{base} = -20.74 \text{ kN/m}^2/\text{m}$$

Bearing pressure at stem / toe

$$p_{stem_toe_f} = \max(p_{heel_f} + (rate \times (l_{heel} + t_{wall})), 0 \text{ kN/m}^2) = 55 \text{ kN/m}^2$$

Bearing pressure at mid stem

$$p_{stem_mid_f} = \max(p_{heel_f} + (rate \times (l_{heel} + t_{wall} / 2)), 0 \text{ kN/m}^2) = 58.1 \text{ kN/m}^2$$

Bearing pressure at stem / heel

$$p_{stem_heel_f} = \max(p_{heel_f} + (rate \times l_{heel}), 0 \text{ kN/m}^2) = 61.2 \text{ kN/m}^2$$

Design of reinforced concrete retaining wall toe (BS 8002:1994)

Material properties

Characteristic strength of concrete

$$f_{cu} = 40 \text{ N/mm}^2$$

Characteristic strength of reinforcement

$$f_y = 500 \text{ N/mm}^2$$

Base details

Minimum area of reinforcement

$$k = 0.13 \text{ %}$$

Cover to reinforcement in toe

$$c_{toe} = 35 \text{ mm}$$

Calculate shear for toe design

Shear from bearing pressure

$$V_{toe_bear} = (p_{toe_f} + p_{stem_toe_f}) \times l_{toe} / 2 = 72.3 \text{ kN/m}$$

Shear from weight of base

$$V_{toe_wt_base} = \gamma_f \cdot d \times \gamma_{base} \times l_{toe} \times t_{base} = 23.8 \text{ kN/m}$$

Total shear for toe design

$$V_{toe} = V_{toe_bear} - V_{toe_wt_base} = 48.5 \text{ kN/m}$$

Calculate moment for toe design

Moment from bearing pressure

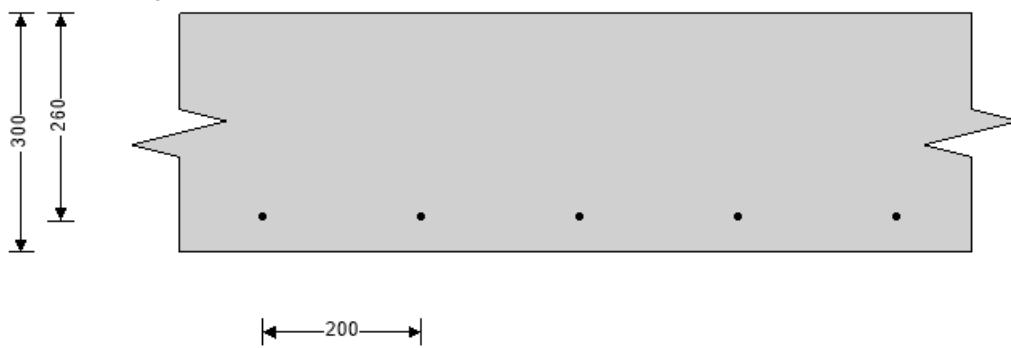
$$M_{toe_bear} = (2 \times p_{toe_f} + p_{stem_mid_f}) \times (l_{toe} + t_{wall} / 2)^2 / 6 = 74.4 \text{ kNm/m}$$

Moment from weight of base

$$M_{toe_wt_base} = (\gamma_f \cdot d \times \gamma_{base} \times t_{base} \times (l_{toe} + t_{wall} / 2)^2 / 2) = 32.2 \text{ kNm/m}$$

Total moment for toe design

$$M_{toe} = M_{toe_bear} - M_{toe_wt_base} = 42.2 \text{ kNm/m}$$



Check toe in bending

Width of toe

$$b = 1000 \text{ mm/m}$$

Depth of reinforcement

$$d_{toe} = t_{base} - c_{toe} - (\phi_{toe} / 2) = 260.0 \text{ mm}$$

Constant

$$K_{toe} = M_{toe} / (b \times d_{toe}^2 \times f_{cu}) = 0.016$$

Compression reinforcement is not required

Lever arm

$$Z_{toe} = \min(0.5 + \sqrt{0.25 - (\min(K_{toe}, 0.225) / 0.9)}, 0.95) \times d_{toe}$$

$$Z_{toe} = 247 \text{ mm}$$

Area of tension reinforcement required

$$A_{s_toe_des} = M_{toe} / (0.87 \times f_y \times Z_{toe}) = 392 \text{ mm}^2/\text{m}$$

Minimum area of tension reinforcement

$$A_{s_toe_min} = k \times b \times t_{base} = 390 \text{ mm}^2/\text{m}$$

Area of tension reinforcement required

$$A_{s_toe_req} = \max(A_{s_toe_des}, A_{s_toe_min}) = 392 \text{ mm}^2/\text{m}$$

Reinforcement provided

A393 mesh

$$A_{s_toe_prov} = 393 \text{ mm}^2/\text{m}$$

PASS - Reinforcement provided at the retaining wall toe is adequate

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Check shear resistance at toe

Design shear stress

$$V_{\text{toe}} = V_{\text{toe}} / (b \times d_{\text{toe}}) = 0.187 \text{ N/mm}^2$$

Allowable shear stress

$$V_{\text{adm}} = \min(0.8 \times \sqrt{f_{\text{cu}} / 1 \text{ N/mm}^2}, 5) \times 1 \text{ N/mm}^2 = 5.000 \text{ N/mm}^2$$

PASS - Design shear stress is less than maximum shear stress

From BS8110:Part 1:1997 – Table 3.8

Design concrete shear stress

$$V_{c_toe} = 0.438 \text{ N/mm}^2$$

$V_{\text{toe}} < V_{c_toe}$ - No shear reinforcement required

Design of reinforced concrete retaining wall heel (BS 8002:1994)

Material properties

Characteristic strength of concrete

$$f_{\text{cu}} = 40 \text{ N/mm}^2$$

Characteristic strength of reinforcement

$$f_y = 500 \text{ N/mm}^2$$

Base details

Minimum area of reinforcement

$$k = 0.13 \%$$

Cover to reinforcement in heel

$$Cheel = 35 \text{ mm}$$

Calculate shear for heel design

Shear from bearing pressure

$$V_{\text{heel_bear}} = (p_{\text{heel_f}} + p_{\text{stem_heel_f}}) \times l_{\text{heel}} / 2 = 26.2 \text{ kN/m}$$

Shear from weight of base

$$V_{\text{heel_wt_base}} = \gamma_{f_d} \times \gamma_{\text{base}} \times l_{\text{heel}} \times t_{\text{base}} = 4 \text{ kN/m}$$

Shear from weight of moist backfill

$$V_{\text{heel_wt_m}} = W_{m_w_f} = 10.6 \text{ kN/m}$$

Shear from weight of saturated backfill

$$V_{\text{heel_wt_s}} = W_{s_f} = 8.2 \text{ kN/m}$$

Shear from surcharge

$$V_{\text{heel_sur}} = W_{\text{sur_f}} = 6.4 \text{ kN/m}$$

Total shear for heel design

$$V_{\text{heel}} = -V_{\text{heel_bear}} + V_{\text{heel_wt_base}} + V_{\text{heel_wt_m}} + V_{\text{heel_wt_s}} + V_{\text{heel_sur}} = 3 \text{ kN/m}$$

Calculate moment for heel design

Moment from bearing pressure

$$M_{\text{heel_bear}} = (2 \times p_{\text{heel_f}} + p_{\text{stem_mid_f}}) \times (l_{\text{heel}} + t_{\text{wall}} / 2)^2 / 6 = 9.9 \text{ kNm/m}$$

Moment from weight of base

$$M_{\text{heel_wt_base}} = (\gamma_{f_d} \times \gamma_{\text{base}} \times t_{\text{base}} \times (l_{\text{heel}} + t_{\text{wall}} / 2)^2 / 2) = 1.5 \text{ kNm/m}$$

Moment from weight of moist backfill

$$M_{\text{heel_wt_m}} = W_{m_w_f} \times (l_{\text{heel}} + t_{\text{wall}}) / 2 = 3.7 \text{ kNm/m}$$

Moment from weight of saturated backfill

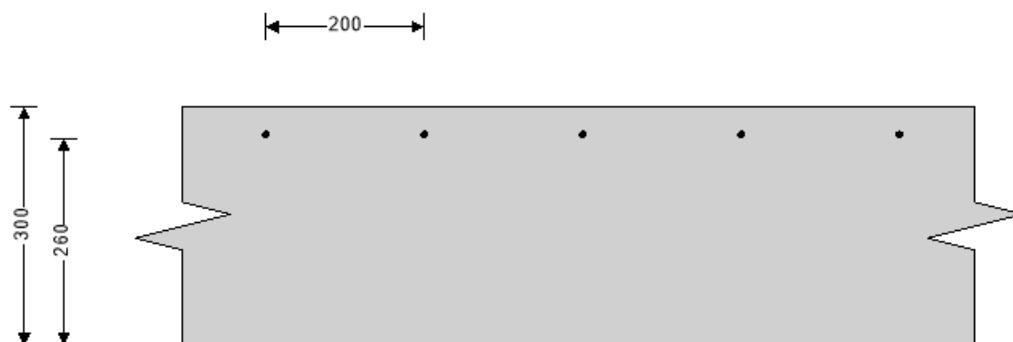
$$M_{\text{heel_wt_s}} = W_{s_f} \times (l_{\text{heel}} + t_{\text{wall}}) / 2 = 2.9 \text{ kNm/m}$$

Moment from surcharge

$$M_{\text{heel_sur}} = W_{\text{sur_f}} \times (l_{\text{heel}} + t_{\text{wall}}) / 2 = 2.2 \text{ kNm/m}$$

Total moment for heel design

$$M_{\text{heel}} = -M_{\text{heel_bear}} + M_{\text{heel_wt_base}} + M_{\text{heel_wt_m}} + M_{\text{heel_wt_s}} + M_{\text{heel_sur}} = 0.4 \text{ kNm/m}$$



Check heel in bending

Width of heel

$$b = 1000 \text{ mm/m}$$

Depth of reinforcement

$$d_{\text{heel}} = t_{\text{base}} - Cheel - (\phi_{\text{heel}} / 2) = 260.0 \text{ mm}$$

Constant

$$K_{\text{heel}} = M_{\text{heel}} / (b \times d_{\text{heel}}^2 \times f_{\text{cu}}) = 0.000$$

Compression reinforcement is not required

Lever arm

$$Z_{\text{heel}} = \min(0.5 + \sqrt{0.25 - (\min(K_{\text{heel}}, 0.225) / 0.9)}, 0.95) \times d_{\text{heel}}$$

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Area of tension reinforcement required
Minimum area of tension reinforcement
Area of tension reinforcement required
Reinforcement provided
Area of reinforcement provided

$$z_{\text{heel}} = 247 \text{ mm}$$

$$A_{s,\text{heel,des}} = M_{\text{heel}} / (0.87 \times f_y \times z_{\text{heel}}) = 4 \text{ mm}^2/\text{m}$$

$$A_{s,\text{heel,min}} = k \times b \times t_{\text{base}} = 390 \text{ mm}^2/\text{m}$$

$$A_{s,\text{heel,req}} = \text{Max}(A_{s,\text{heel,des}}, A_{s,\text{heel,min}}) = 390 \text{ mm}^2/\text{m}$$

A393 mesh

$$A_{s,\text{heel,prov}} = 393 \text{ mm}^2/\text{m}$$

PASS - Reinforcement provided at the retaining wall heel is adequate

Check shear resistance at heel

Design shear stress

$$V_{\text{heel}} = V_{\text{heel}} / (b \times d_{\text{heel}}) = 0.012 \text{ N/mm}^2$$

Allowable shear stress

$$V_{\text{adm}} = \min(0.8 \times \sqrt{(f_{\text{cu}} / 1 \text{ N/mm}^2)}, 5) \times 1 \text{ N/mm}^2 = 5.000 \text{ N/mm}^2$$

PASS - Design shear stress is less than maximum shear stress

From BS8110:Part 1:1997 – Table 3.8

Design concrete shear stress

$$V_{c,\text{heel}} = 0.438 \text{ N/mm}^2$$

$V_{\text{heel}} < V_{c,\text{heel}}$ - No shear reinforcement required

Design of reinforced concrete retaining wall stem (BS 8002:1994)

Material properties

Characteristic strength of concrete

$$f_{\text{cu}} = 40 \text{ N/mm}^2$$

Characteristic strength of reinforcement

$$f_y = 500 \text{ N/mm}^2$$

Wall details

Minimum area of reinforcement

$$k = 0.13 \text{ %}$$

Cover to reinforcement in stem

$$c_{\text{stem}} = 35 \text{ mm}$$

Cover to reinforcement in wall

$$c_{\text{wall}} = 35 \text{ mm}$$

Factored horizontal at-rest forces on stem

Surcharge

$$F_{s,\text{sur,f}} = \gamma_{f,I} \times K_0 \times \text{Surcharge} \times (h_{\text{eff}} - t_{\text{base}} - d_{\text{ds}}) = 16.5 \text{ kN/m}$$

Moist backfill above water table

$$F_{s,\text{m,a,f}} = 0.5 \times \gamma_{f,e} \times K_0 \times \gamma_m \times (h_{\text{eff}} - t_{\text{base}} - d_{\text{ds}} - h_{\text{sat}})^2 = 8.2 \text{ kN/m}$$

Moist backfill below water table

$$F_{s,\text{m,b,f}} = \gamma_{f,e} \times K_0 \times \gamma_m \times (h_{\text{eff}} - t_{\text{base}} - d_{\text{ds}} - h_{\text{sat}}) \times h_{\text{sat}} = 10.9 \text{ kN/m}$$

Saturated backfill

$$F_{s,\text{s,f}} = 0.5 \times \gamma_{f,e} \times K_0 \times (\gamma_s - \gamma_{\text{water}}) \times h_{\text{sat}}^2 = 2.3 \text{ kN/m}$$

Water

$$F_{s,\text{water,f}} = 0.5 \times \gamma_{f,e} \times \gamma_{\text{water}} \times h_{\text{sat}}^2 = 3.4 \text{ kN/m}$$

Calculate shear for stem design

Shear at base of stem

$$V_{\text{stem}} = F_{s,\text{sur,f}} + F_{s,\text{m,a,f}} + F_{s,\text{m,b,f}} + F_{s,\text{s,f}} + F_{s,\text{water,f}} = 41.3 \text{ kN/m}$$

Calculate moment for stem design

Surcharge

$$M_{s,\text{sur}} = F_{s,\text{sur,f}} \times (h_{\text{stem}} + t_{\text{base}}) / 2 = 16.9 \text{ kNm/m}$$

Moist backfill above water table

$$M_{s,\text{m,a}} = F_{s,\text{m,a,f}} \times (2 \times h_{\text{sat}} + h_{\text{eff}} - d_{\text{ds}} + t_{\text{base}} / 2) / 3 = 9.8 \text{ kNm/m}$$

Moist backfill below water table

$$M_{s,\text{m,b}} = F_{s,\text{m,b,f}} \times h_{\text{sat}} / 2 = 3.8 \text{ kNm/m}$$

Saturated backfill

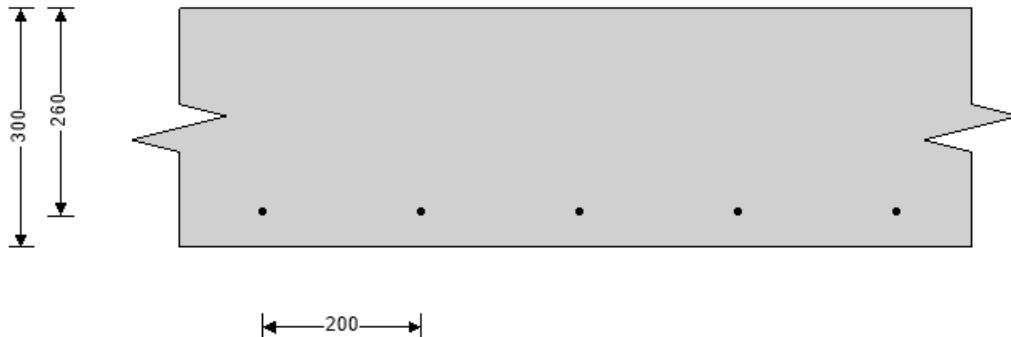
$$M_{s,\text{s}} = F_{s,\text{s,f}} \times h_{\text{sat}} / 3 = 0.5 \text{ kNm/m}$$

Water

$$M_{s,\text{water}} = F_{s,\text{water,f}} \times h_{\text{sat}} / 3 = 0.8 \text{ kNm/m}$$

$$M_{\text{stem}} = M_{s,\text{sur}} + M_{s,\text{m,a}} + M_{s,\text{m,b}} + M_{s,\text{s}} + M_{s,\text{water}} = 31.9 \text{ kNm/m}$$

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Check wall stem in bending

Width of wall stem

$$b = 1000 \text{ mm/m}$$

Depth of reinforcement

$$d_{\text{stem}} = t_{\text{wall}} - c_{\text{stem}} - (\phi_{\text{stem}} / 2) = 260.0 \text{ mm}$$

Constant

$$K_{\text{stem}} = M_{\text{stem}} / (b \times d_{\text{stem}}^2 \times f_{\text{cu}}) = 0.012$$

Compression reinforcement is not required

Lever arm

$$z_{\text{stem}} = \min(0.5 + \sqrt{0.25 - (\min(K_{\text{stem}}, 0.225) / 0.9)}), 0.95 \times d_{\text{stem}}$$

$$z_{\text{stem}} = 247 \text{ mm}$$

Area of tension reinforcement required

$$A_{s,\text{stem,des}} = M_{\text{stem}} / (0.87 \times f_y \times z_{\text{stem}}) = 297 \text{ mm}^2/\text{m}$$

Minimum area of tension reinforcement

$$A_{s,\text{stem,min}} = k \times b \times t_{\text{wall}} = 390 \text{ mm}^2/\text{m}$$

Area of tension reinforcement required

$$A_{s,\text{stem,req}} = \max(A_{s,\text{stem,des}}, A_{s,\text{stem,min}}) = 390 \text{ mm}^2/\text{m}$$

Reinforcement provided

A393 mesh

Area of reinforcement provided

$$A_{s,\text{stem,prov}} = 393 \text{ mm}^2/\text{m}$$

PASS - Reinforcement provided at the retaining wall stem is adequate

Check shear resistance at wall stem

Design shear stress

$$V_{\text{stem}} = V_{\text{stem}} / (b \times d_{\text{stem}}) = 0.159 \text{ N/mm}^2$$

Allowable shear stress

$$V_{\text{adm}} = \min(0.8 \times \sqrt{f_{\text{cu}} / 1 \text{ N/mm}^2}, 5) \times 1 \text{ N/mm}^2 = 5.000 \text{ N/mm}^2$$

PASS - Design shear stress is less than maximum shear stress

From BS8110:Part 1:1997 – Table 3.8

Design concrete shear stress

$$V_{c,\text{stem}} = 0.438 \text{ N/mm}^2$$

$V_{\text{stem}} < V_{c,\text{stem}}$ - No shear reinforcement required

Check retaining wall deflection

Basic span/effective depth ratio

$$\text{ratio}_{\text{bas}} = 7$$

Design service stress

$$f_s = 2 \times f_y \times A_{s,\text{stem,req}} / (3 \times A_{s,\text{stem,prov}}) = 331.0 \text{ N/mm}^2$$

Modification factor

$$\text{factor}_{\text{tens}} = \min(0.55 + (477 \text{ N/mm}^2 - f_s) / (120 \times (0.9 \text{ N/mm}^2 + (M_{\text{stem}} / (b \times d_{\text{stem}}^2)))), 2) = 1.44$$

Maximum span/effective depth ratio

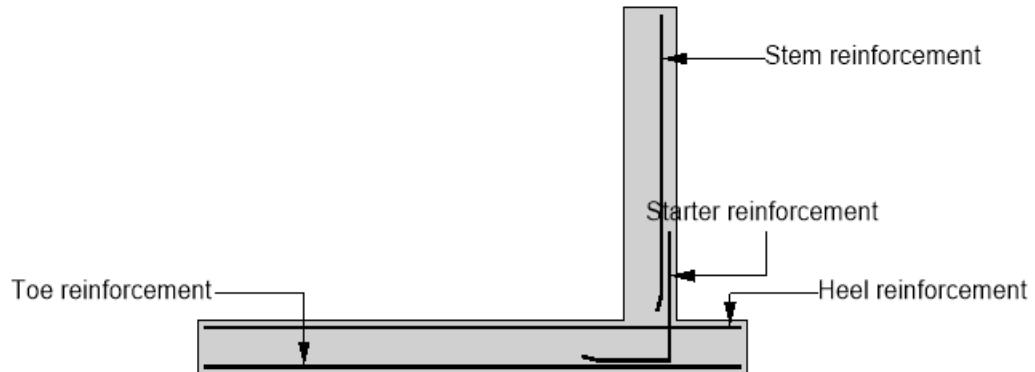
$$\text{ratio}_{\text{max}} = \text{ratio}_{\text{bas}} \times \text{factor}_{\text{tens}} = 10.06$$

Actual span/effective depth ratio

$$\text{ratio}_{\text{act}} = h_{\text{stem}} / d_{\text{stem}} = 6.73$$

PASS - Span to depth ratio is acceptable

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Indicative retaining wall reinforcement diagram

Toe mesh - A393 - (393 mm²/m)

Heel mesh - A393 - (393 mm²/m)

Stem mesh - A393 - (393 mm²/m)

PROJECT: 10 Lawn Terrace

West Drayton

UB7 7AQ

REF: 06488L

APPENDIX D

Arboriculture

Arboricultural Assessment

for

**10 Lawn Avenue
West Drayton
UB7 7AQ**

Prepared by
Tim Pursey
MICFor, M.Arbor.A., Dip.Arb.(RFS), Tech.Cert.(Arbor.A.)
Arboricultural Consultant

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Bristol BS5 6DT
Email info@tree-expert.com
www.timpursey.co.uk

1.0 Date of survey

1.1 May 2024

2.0 Surveyor

2.1 Tim Pursey

3.0 Instructions

3.1 As a result of a planning application, I am instructed to undertake an arboricultural assessment and to prepare a report assessing the impact that the proposed development will have on trees growing at the site.

3.2 The report includes:

- An indication of the constraints placed on the design by the trees on site
- Site plan detailing the existing trees on site – drawing TP 3126/2405/TCP appended
- A schedule indicating the tree survey results
- A Tree Protection Plan drawing TP 3126/2405/TPP

4.0 Report limitations

4.1 All inspections were made from ground level, using binoculars where necessary. Should a more detailed inspection, by climbing or by elevated platform, be required then this will be highlighted within the survey recommendations.

4.2 I have not contacted the local authority to determine the legal status of any trees either on or around the site. If any are subject to legal protection, then prior permission must be obtained from the local authority before undertaking tree works.

4.3 Trees are living, dynamic organisms. Their health and overall condition changes as the trees grow and can be affected by external conditions. For this reason, the condition survey and any recommendations given are valid for a period not exceeding one calendar year from the date of issue of this report.

4.4 The method statement and tree protection plan in this document are provisional and subject to confirmation.

5.0 Proposals

- 5.1 It is proposed to remove an existing garage and construct a new dwelling in the northern part of the gardens.
- 5.2 One tree is proposed to be removed to facilitate works.

6.0 Tree survey

- 6.1 See schedule of tree survey results.

7.0 Assessment of Impact

- 7.1 One tree, Cypress T3 will be removed to accommodate the new dwelling. It is a generally poor specimen and due to its condition is likely to be removed within a very few years in any case.
- 7.2 Hazel T2 grows near the boundary line in an adjacent garden. Its canopy will be pruned back to the boundary to facilitate the works. It will undoubtedly quickly grow back.
- 7.3 Access into the property will via an existing access on Sunray Avenue and new services are easily connected directly to Sunray Avenue; no other trees will be affected by the works.
- 7.4 Beech T5 and other trees in the southern part of the garden will be protected from the works by protective fencing during the period of demolition and construction.
- 7.5 Provided that simple protective measures are properly employed, no detriment to the retained trees will result from the proposed works.

8.0 Provisional Method Statement to Mitigate Impact

8.1 Tree Works

Cypress T3 will be removed and its stump ground out. Hazel T2 will be cut back as close to the boundary line as necessary. All tree works will comply with BS3998:2010 Tree Work Recommendations.

8.2 Protective Fencing

The retained trees will be protected from the impact of construction by protective fencing to be erected in accordance with BS5837:2012 Trees in Relation to Design, Demolition and Construction – Recommendations.

- 8.3 This fencing is designed to protect all parts of the trees, both above and below ground. It will be erected using Heras panels erected in a

conventional fashion and braced if necessary to ensure stability. It is particularly important that the fencing be completely rigid and immobile.

8.4 The fence will be erected in the positions shown on the attached plan, TP 3126/2405/TPP and will be erected before any demolition work commences. The protective fencing will remain in situ until all construction works are completed.

8.5 The protective fencing will be clearly marked indicating its purpose to all persons on site. Signs will be minimum A3 in size and will clearly state that the protective fencing will not be moved under any circumstances. The protected area inside the fencing will be considered sacrosanct and no entry into this area will be permitted for any reason except to maintain the protective fencing. No excavation is permitted, no changes in ground level, no plant will track across this area at any time, and no storage of any materials within this area will be permitted.

8.6 **Service Installation**
There will be no excavation for services within the root protection area of any retained tree. Services are likely to be simply connected directly on to Sunray Avenue. Further advice regarding services may be obtained from the project arboriculturist if necessary.

8.7 **Ground Levels**
Ground levels within the rooting area of any retained tree will remain unaltered unless otherwise specified by the project arboriculturist.

8.8 **General**
No storage or mixing of cement/concrete will be permitted anywhere within 10 metres of any retained tree. Account will be taken of any slopes in order to avoid the possibility of cement washings running into the rooting areas of retained trees.

8.9 Oil, bitumen or other material likely to be injurious to a tree should not be stacked or discharged within 10 metres of the trunk. Materials generally should not be stacked or discharged within 5 metres of the trunks.

8.10 **Arboricultural Supervision**
Given the general quality of trees on the property and low risk of damage, no further input from the project arboriculturist is deemed necessary.

8th May 2024
Tim Pursey
Chartered Arboriculturist

Tree Survey

Key:

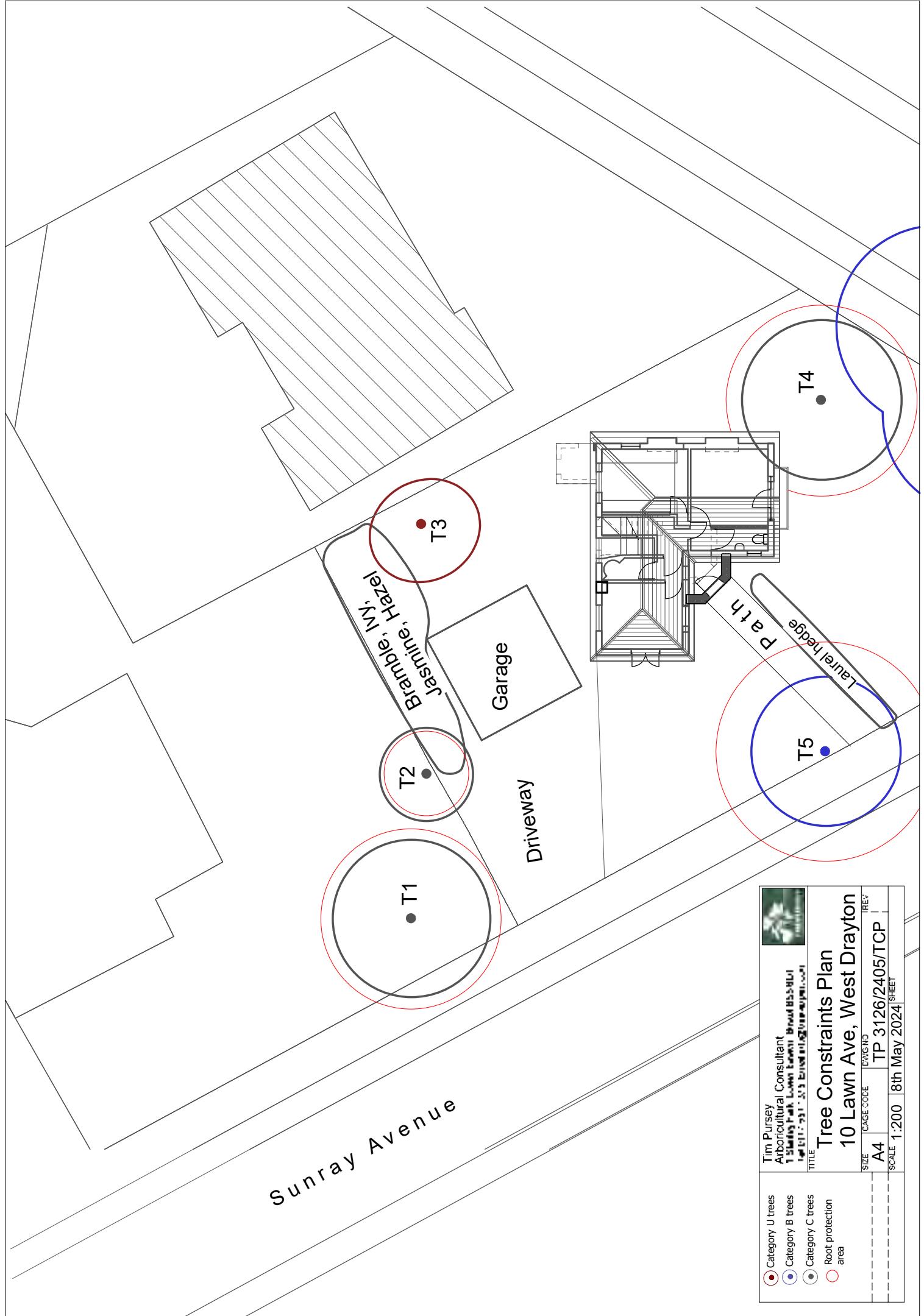
Height:	Estimated in metres.
Stem diameter:	Measured at 1.5m above ground level.
Branch spread:	Estimated in metres at four cardinal points.
Height of crown Clearance:	Height in metres (estimated) above adjacent ground level to inform on ground clearance, crown stem ratio and shading.
Age class:	<u>Young</u> tree in first third of its life expectancy <u>Middle</u> age tree <u>Mature</u> trees <u>Over Mature</u> <u>Veteran</u>
Category grading:	A/B/C/U – In accordance with BS 5837:2012 <i>Trees in relation to design, demolition and construction – Recommendations</i> . Category A – High Quality Category B – moderate quality Category C- low quality Category U – trees for removal
	All surveys and inspections made from ground level unless otherwise stated.

Tree No.	Species	Height (m)	Crown Radius (m)	Age Class	Crown Ht. (m)	Remaining Contribution Distribution	Structural and Physiological Condition		Preliminary Management Recommendations		Retention Category
							N	E	S	W	
T1	Purple Leaf Plum	4	Est 385		3.5	3	2	Mat	20-40	Normal. Growing in adjacent garden	None
T2	Hazel	5	240	2	2	2	1	Mat	40+	Normal	None
T3	Lawsons Cypress	7	475	2	2	3	3	1.5	Mat	<10	Thin foliage. Brown patches of dead needles. Generally poor. Tree in decline
T4	Cedar	11	425	3.5	3.5	4	4	5	Mat	10-20	Lower limbs removed – quite high canopy. Very close to house. Unlikely to grow to full maturity
T5	Beech	8.5	565	3.5	3.5	3.5	4	4	Mat	20-40	Recent canopy reduction
											B1 B2

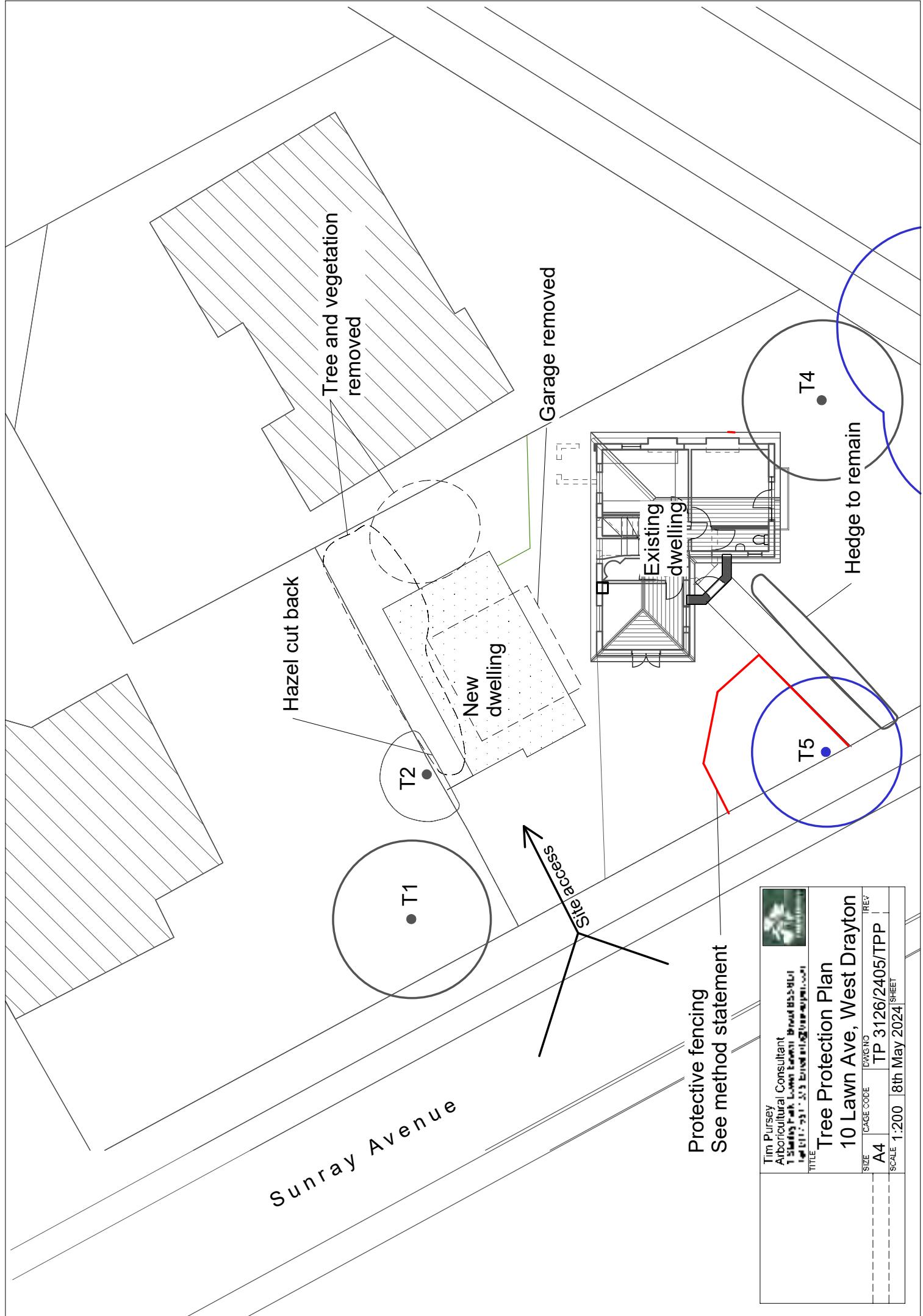
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British Standard 3998:2010	Recommendations for Tree Work
British Standard 4428:1989	Code of Practice for General Landscaping Operations
British Standard 5837:2012	Trees in Relation to Design, Demolition and Construction – Recommendations
Tree Preservation Orders: A Guide to The Law and Good Practice	2000
Subsidence of Low-Rise Buildings	2000 Institution of Structural Engineers
Standards-Chapter 4.2 Building Near Trees	2003 National House Building Council
Guidelines for The Planning, Installation and Maintenance of Utility Services in Proximity to Trees	1995 National Joint Utilities Group
Controlling Water Use of Trees to Alleviate Subsidence Risk	2004 Horticulture Link Project 212
Inspection of Highway Trees Roads 52/75	1975 Department of the Environment Circular
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Phytophthora Pathogens of Trees: Their Rising Profile in Europe	FCIN030 1999
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Collins Tree Guide	2004 Johnson, O. & More, D.
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Soil Types: A Field Identification Guide	1989 Trudgill, S.
Manual of Wood Decays in Trees	2003 Weber, K. & Mattheck, C.
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Publications from Arboricultural Advisory and Information Service
APN1 Driveways Close to Trees Patch, D. & Dobson, M.
APN12 Through the Trees to Development Patch, D.
ARIN 130/95/ARB Tree Root Systems Dobson, M.



<input checked="" type="radio"/> Category U trees <input type="radio"/> Category B trees <input type="radio"/> Category C trees <input type="radio"/> Root protection area		Tree Constraints Plan 10 Lawn Ave, West Drayton	
  		TITLE Tim Pursey Aboriginal Consultant 1560 1st St. E., Lethbridge, Alberta, T1J 1L1 403-321-5555 403-321-5555 403-321-5555	REV: SIZE CAGE CODE EWING NO. SCALE
		TP 3/126/2405/TCP SHEET	1:200 8th May 2024



Tim Pursey	Arboricultural Consultant	1 Sunray Ave, West Drayton, London, UB8 1JL, United Kingdom
TITLE		
DWG NO	TP 3126/2405/TPP	REV
SIZE	CAGE CODE	SHEET
A4		
SCALE	1:200	8th May 2024