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NOTES:
All workmanship is to be in accordance with the latest amendment of the relevant section of BS 8000, to the extent that recommendations define quality of finished work. All materials, products and systems are to be installed and fixed in strict accordance with the latest manufacturers written instructions, in line with the requirements of any relevant British Board of Agreement Certificates, British or European Standards and the section of BS 8000 applicable to that trade.

All dimensions must be checked on site prior to commencement of related works.

Any discrepancies should be notified to the design office immediately.

CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015:
Design, Construction or Residual Risks beyond the expected knowledge of a competent Contractor, End-User/Operator, and the residual risks that cannot be entirely mitigated through design are identified on this drawing. This drawing should be read alongside any project specific Design Risk Assessments prepared by CDG and/or other designers (including subcontractor or specialist designers).

NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ARCHITECTS DRAWINGS, SPECIALISTS DRAWINGS AND SPECIFICATIONS, ETC.
2. REFER TO THE LATEST ARCHITECTURAL/ M+E PLANS FOR UP TO DATE INTERNAL LAYOUTS AND SETTING OUT OF INTERNAL DRAINAGE 'POP-UP' LOCATIONS.
3. FOUL WATER DESIGN ASSUMES UNRESTRICTED DISCHARGE INTO EXISTING FOUL WATER INFRASTRUCTURE SUBJECT TO S106 CONNECTION APPLICATION BY CONTRACTOR.
4. THIS DRAWING HAS BEEN DEVELOPED USING:
 - GENERAL ARRANGEMENT SITE LAYOUTS PROVIDED BY THE EMPLOYER'S ARCHITECT.
 - HARD AND SOFT LANDSCAPING PROPOSALS PREPARED BY THE PROJECT LANDSCAPE ARCHITECT.
 - M+E SERVICES INFORMATION (INCLUDING INTERNAL DRAINAGE POINTS) PREPARED BY RPA.
5. ALL RAINWATER PIPES HAVE APPROPRIATE RODDING ACCESS PROVISIONS.
6. ALL DRAIN PIPES CONNECTED INTO MANHOLES TO MATCH ALL INCOMING PIPE SOFFITS, AND MATCH SOFFIT TO SOFFIT WHERE PIPE Ø IS SMALLER THAN PIPE Ø OUT. A NOMINAL FALL ACROSS MANHOLES HAS BEEN INCLUDED WHERE APPROPRIATE, IN THE CALCULATION OF INVERT LEVELS (INCLUDING AN ALLOWANCE FOR STEPPED BENCHING IN PPICs).
7. ALL DRAINAGE SYSTEMS IN ACCORDANCE WITH THIS DRAWING, ALONG WITH BS EN 752 AND THE BUILDING REGULATIONS.
8. ALL PROPRIETARY AND OR SPECIALIST SYSTEMS ARE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
9. ALL COVER LEVELS SHOWN ARE APPROXIMATE ONLY AND SUIT PROPOSED FINISHED LEVELS.
10. WHERE INVERT LEVELS HAVE NOT BEEN STIPULATED, MINIMUM GRADIENT OF FW SPURS AND CONNECTIONS ARE 1/80.
11. THE SURFACE WATER DRAINAGE HAS BEEN DESIGNED TO CONVEY FLOWS GENERATED BY ALL STORMS UP TO 1/100YR+40% TO THE OFF-SITE ATTENUATION TANK DESIGNED BY SWECO. THIS ACHIEVES THE DESIGN INTENT SET OUT IN MLM GROUP (SWECO) SITE DRAINAGE STRATEGY REF BF/666666/MB REV 03 DATED 25/08/2020.
12. ALL INTERNAL GULLIES HAVE FOUL AIR TRAPS. ALL INTERNAL CHAMBERS AND RES HAVE RECESSED DOUBLE SEAL COVERS.

- KEY**
- DENOTES SURFACE WATER SEWER
 - DENOTES FOUL WATER SEWER
- NOTE**
INTERNAL LAYOUT INDICATIVE ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR CURRENT LAYOUTS, SVP, RWP AND AAV LOCATIONS ETC. THE HEAD OF ALL FW RUNS IS TO BE VENTED BY AN SVP.
- MINIMUM DIAMETER OF SEWERS WHERE NOT SPECIFIED:**
FOUL WATER - 110Ø (U.N.O.)
ROOF WATER - 110Ø FROM RWPs (U.N.O.)
SURFACE WATER - 160Ø (YARD GULLY / CHANNEL)

AS - BUILT ISSUE	date	source	drawn
COZ	22/07/2024	RJC	OKB
revisions			

AS BUILT

OAKLANDS COLLEGE
CONSTRUCTION CENTRE

drawing title
**BELOW GROUND DRAINAGE
GENERAL ARRANGEMENT 1/2**

drawn: A MITCHELL
date: April 23
checked: JH
date: April 23
scale: 1:500 @ A1
carter design group

project	originator	volume	level	type	date	number	status	revision
8646.CDG.01.00.DR.C.1000								CR.C02

RESIDUAL RISK

REGULAR MAINTENANCE AND INSPECTION IS TO BE CARRIED OUT TO ALL ELEMENTS OF THE DRAINAGE SYSTEM, IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.

SL 82.05
SW/RBC/Catchpit
A CrL 82.71 Ø100mm
B IL 82.65 Ø150mm
X IL 82.62 Ø150mm





RESIDUAL RISK

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KEY

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- DENOTES FOUL WATER SEWER

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AS - BUILT ISSUE	date	source	drawn
C03	23/07/2024	RSC	OKB
revisions			

AS BUILT

OAKLANDS COLLEGE
CONSTRUCTION CENTRE

drawing title
**BELOW GROUND DRAINAGE
GENERAL ARRANGEMENT 2/2**

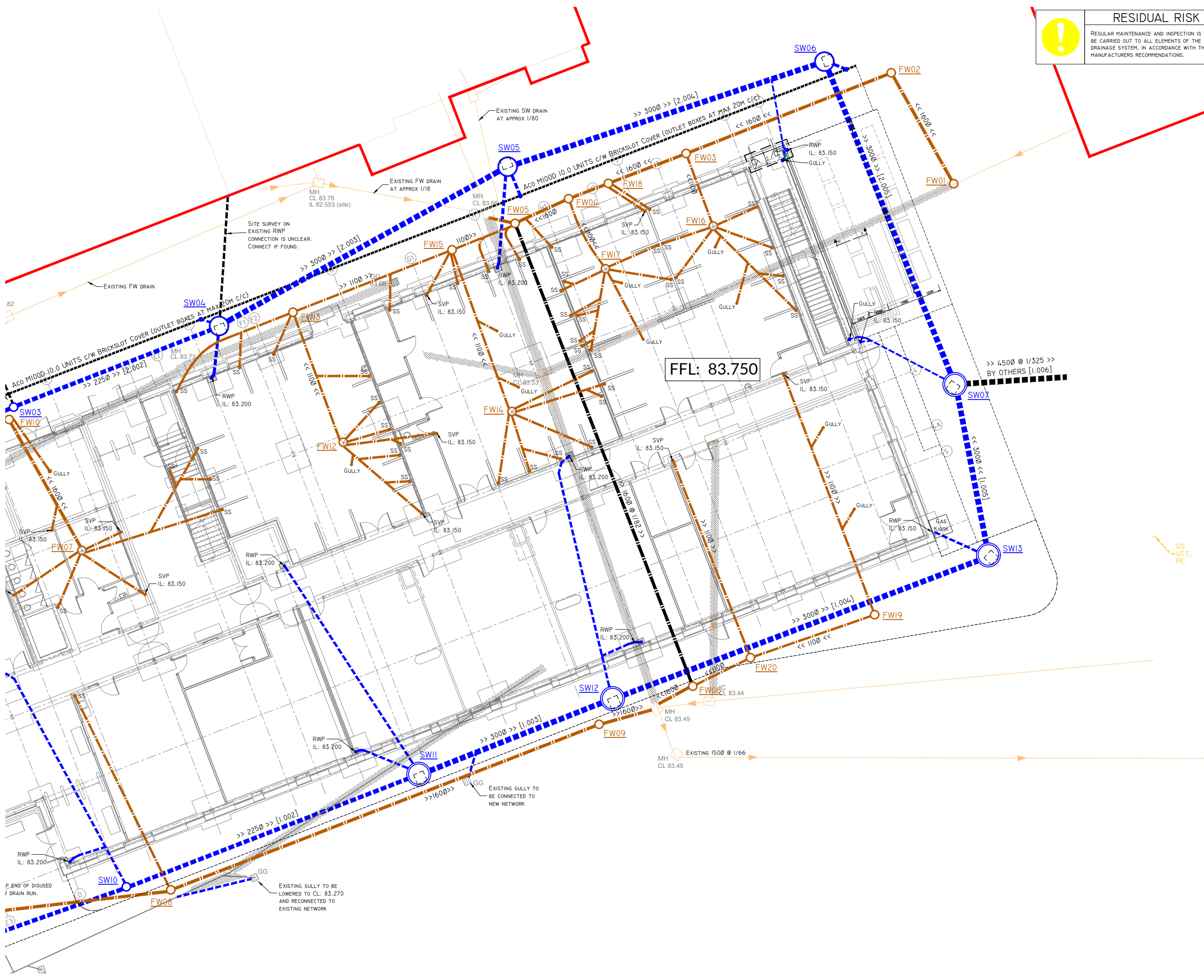
drawn: A MITCHELL checked: Apr 23 scale: 1:500 @ A1
date: Apr 23



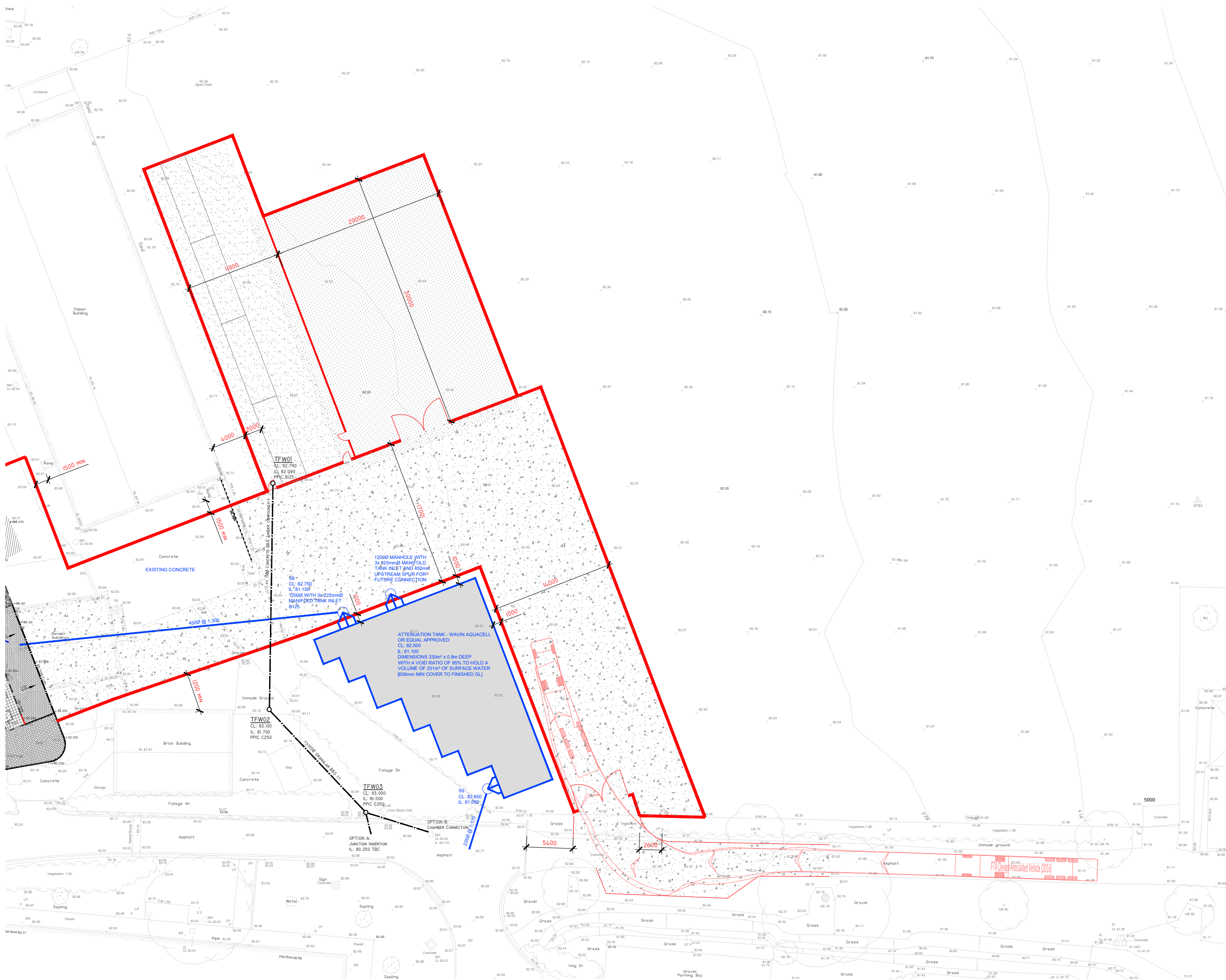
project originator volume level type date number status revision

8646.CDG.01.00.DR.C.1001 CR.C03

VICTORY PARK, LONDON ROAD, ATTLEBOROUGH, NORFOLK, NR17 1ZA. TEL: 01553 767788 E-MAIL: enquiries@cdg.co.uk



GS
UTL,
PE,



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AS - BUILT ISSUE	
COO	date 22/07/2024
RE	source RSC
	drawn OKB

AS BUILT

PROJECT: **OAKLANDS COLLEGE CONSTRUCTION CENTRE**

drawing title: **SITE COMPOUND SCHEMATIC LAYOUT**

drawn: A. MITCHELL checked: JRC date: MAY 23 scale: 1:200 @ A1
source: RSC date: MAY 23

project: 8646.CDG.XX.00.DR.C.5000 number: CR.C00

VICTORY PARK, LONDON ROAD, ATTLEBOROUGH, NORFOLK, NR17 2DA. TEL: 01953 787788 E-MAIL: a.mitchell@cdg.co.uk

Appendix B: Thames Water Asset Maps



Elliott Wood
ELLIOT WOOD PARTNERSHIP LTD, 5
LONDON
W1T 4AH

Search address supplied Oaklands College
St. Albans Campus
Oaklands
St. Albans
AL4 0JA

Your reference Oaklands College

Our reference ALS/ALS Standard/2025_5168545

Search date 28 May 2025

Keeping you up-to-date

Notification of price changes

We're changing our report prices from 4th June 2025. The price will increase by 3.5% based on Retail Price Index (RPI).

Find our new prices on our website thameswater.co.uk/property-searches

Any Questions? We're happy to talk through the changes with you – give our Property Searches team a call on 0800 009 4540 .



Thames Water Utilities Ltd
Property Searches,
Clearwater Court, Vastern Road, Reading RG1 8DB



property.searches@thameswater.co.uk
thameswater.co.uk/propertysearches



0800 009 4540

Search address supplied: Oaklands College, St. Albans Campus, Oaklands, St. Albans, AL4 0JA

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 and 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 contact details below:

Thames Water Utilities Ltd
Property Searches
Clearwater Court
Vastern Road
Reading
RG1 8DB

Email: property.searches@thameswater.co.uk

Web: thameswater.co.uk/propertysearches

Waste Water Services

Please provide a copy extract from the public sewer map.

The following quartiles have been printed as they fall within Thames' sewerage area:

TL1707SE
TL1707NE
TL1807SW
TL1808SW
TL1808NW
TL1807SE
TL1807NE
TL1808SE
TL1907SW
TL1907NW
TL1907NE

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. The public sewer map 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.

The following quartiles have not been printed as they contain no assets:

TL1807NW
TL1808NE

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.

Following examination of our statutory maps, Thames Water has been unable to find any plans of water mains within this area. If you require a connection to the public water supply system, please write to:

Diversions	Thames Water	New Connections /
Business Centre	Brentford	Network Services
TW8 0EE	Tel: 0845 850 2777	Middlesex
developer.services@thameswater.co.uk		Email:

The following quartiles have not been printed as they are out of Thames' water catchment area. For details of the assets requested please contact the water company indicated below:

TL1707SE	Affinity Water
TL1707NE	Affinity Water
TL1807SW	Affinity Water
TL1807NW	Affinity Water
TL1808SW	Affinity Water
TL1808NW	Affinity Water
TL1807SE	Affinity Water
TL1807NE	Affinity Water
TL1808SE	Affinity Water
TL1808NE	Affinity Water
TL1907SW	Affinity Water
TL1907NW	Affinity Water
TL1907NE	Affinity Water

Affinity Water Ltd
Tamblin Way
Hatfield
AL10 9EZ

Tel: 0345 3572401

For your guidance:

- Assets other than vested water mains may be shown on the plan, for information only.

Asset Location Search



Property Searches

- 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.



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. You can do this by emailing customer.feedback@thameswater.co.uk with the email subject header 'Enquiry – TWOSA', along with details of the request.

If you have any questions regarding sewer connections, budget estimates, diversions or building over 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 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



The width of the displayed area is 500m and the centre of the map is located at OS coordinates 517750,207250

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 (2024) with the Sanction of the controller of H.M. Stationery Office, License no. AC0000849556 Crown Copyright Reserved.

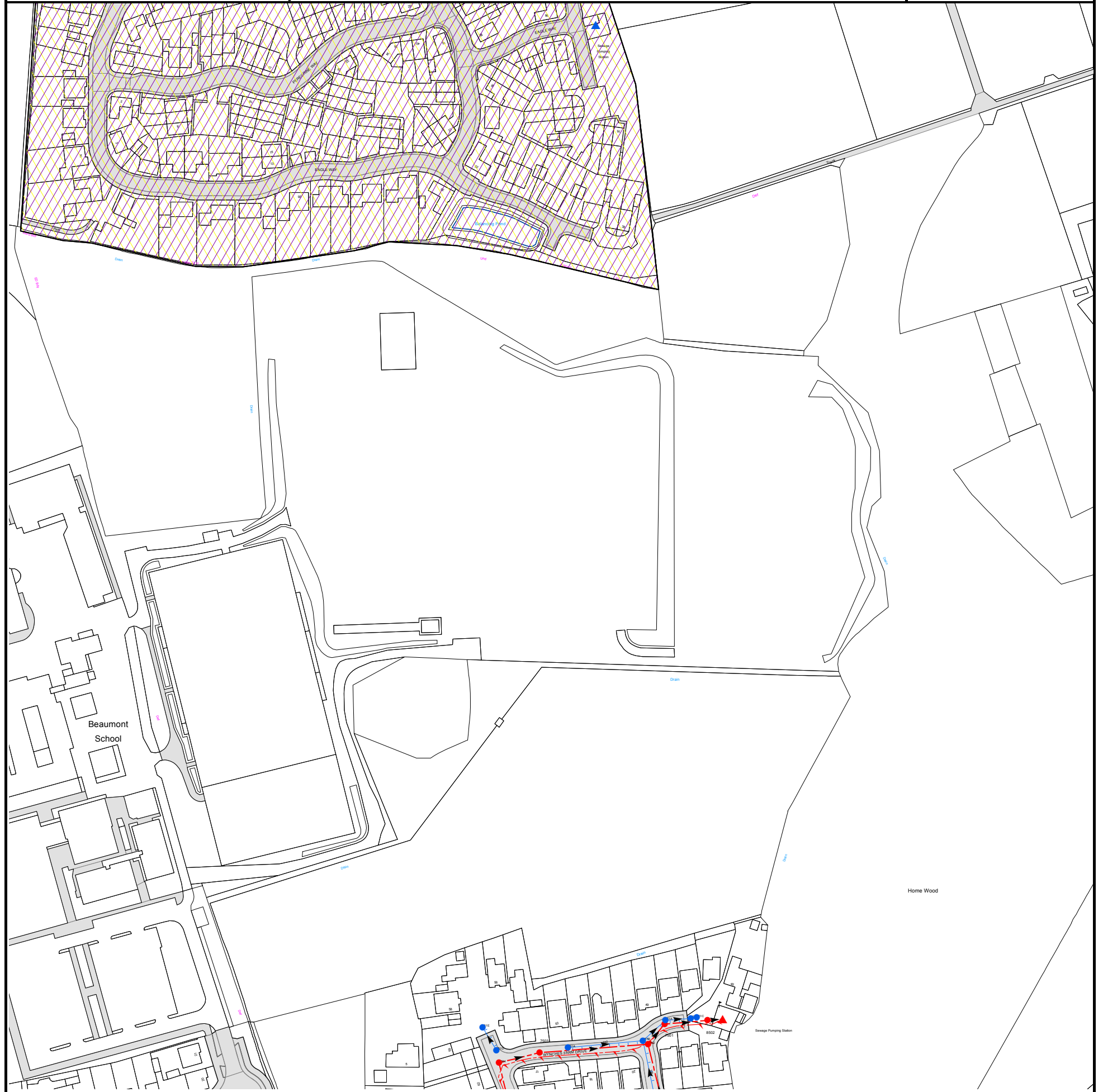
NB. Levels quoted in metres Ordnance Newlyn Datum. The value -9999.00 indicates that no survey information is available

Manhole Reference	Manhole Cover Level	Manhole Invert Level
511C	n/a	n/a
511B	n/a	n/a
531A	n/a	n/a
531C	n/a	n/a
531B	n/a	n/a
6301	94.48	n/a
621C	n/a	n/a
621D	n/a	n/a
631C	n/a	n/a
621E	n/a	n/a
6201	92.83	90.53
731C	93.2	91.69
731B	93.13	92.1
701A	n/a	n/a
701C	n/a	n/a
701D	n/a	n/a
701B	n/a	n/a
801J	n/a	n/a
801I	n/a	n/a
8201	89.79	87.49
90CA	n/a	n/a
90BJ	n/a	n/a
90CC	n/a	n/a
90CE	n/a	n/a
90DF	n/a	n/a
90CI	n/a	n/a
90DD	n/a	n/a
90CF	n/a	n/a
9104	88.3	86.13
921B	n/a	n/a
921A	n/a	n/a
91BG	n/a	n/a
9101	88.49	86.02
9151	88.52	n/a
91BF	n/a	n/a
91CB	n/a	n/a
911A	n/a	n/a
91CD	n/a	n/a
9102	88.72	86.24
9152	88.64	86.92
91BA	n/a	n/a
91AJ	n/a	n/a
91CC	n/a	n/a
91AB	n/a	n/a
9106	n/a	n/a
9201	88.8	n/a
9251	88.83	n/a
91AC	n/a	n/a
82BF	n/a	n/a
821A	n/a	n/a
821B	n/a	n/a
8153	89.29	87.79
82CA	n/a	n/a
8251	89.5	89.02
8252	89.6	n/a
8352	89.78	88.01
8202	89.56	n/a
811A	n/a	n/a
811B	n/a	n/a
8154	88.74	87.35
9103	88.66	86.56
91CG	n/a	n/a
91CJ	n/a	n/a
91DB	n/a	n/a
91DE	n/a	n/a
91CF	n/a	n/a
91DD	n/a	n/a
90DI	n/a	n/a
90DH	n/a	n/a
9052	87.69	87.08
9001	87.89	85.5
91DC	n/a	n/a
9203	n/a	n/a
9153	88.31	86.85
8052	87.58	85.82
8001	87.49	84.88
801C	n/a	n/a
801H	n/a	n/a
801D	n/a	n/a
801B	n/a	n/a
801A	n/a	n/a
801E	n/a	n/a
801F	n/a	n/a
90BA	n/a	n/a
90AI	n/a	n/a
90BB	n/a	n/a
9053	87.67	86.35
90AJ	n/a	n/a
90AG	n/a	n/a
90AH	n/a	n/a
90AC	n/a	n/a

Manhole Reference	Manhole Cover Level	Manhole Invert Level
9051	87.79	87.1
90AB	n/a	n/a
90CB	n/a	n/a
90CD	n/a	n/a
7006	89.4	87.16
7008	89.45	86.79
7007	89.23	86.32
8054	88.78	86.13
8055	n/a	n/a
8051	87.73	86.45
82BE	n/a	n/a
7251	92.59	n/a
82BJ	n/a	n/a
82BH	n/a	n/a
82BB	n/a	n/a
82BI	n/a	n/a
82BG	n/a	n/a
82CB	n/a	n/a
72BC	n/a	n/a
6352	93.23	91.88
83BJ	n/a	n/a
83BD	n/a	n/a
73DA	n/a	n/a
631B	n/a	n/a
73CD	n/a	n/a
73CE	n/a	n/a
73CI	n/a	n/a
73CF	n/a	n/a
73CJ	n/a	n/a
831C	n/a	n/a
73CH	n/a	n/a
831B	n/a	n/a
73CG	n/a	n/a
831D	n/a	n/a
7351	92.74	91.48
7352	91.45	n/a
7301	92.65	90.59
7302	91.38	89.29
8351	90.05	88.44
8301	90.01	88.14
831A	n/a	n/a
731A	n/a	n/a
631A	93.72	92.88
641A	93.83	92.14
741C	91.55	n/a
741B	92.14	87.79
7403	92.66	90.98
7402	91.36	89.83
841B	n/a	n/a
741G	89.74	87.56
841A	89.33	87.81
8402	89.29	88.04
7401	91.1	89.16
741D	91.09	n/a
8401	89.04	87.46
741E	n/a	n/a
741A	88.93	87.48
6002	91.73	89.89
7003	90.67	88.71
7002	89.93	87.48
7101	90.17	88.47
6101	92.48	90.44
7102	91.18	89.21
611C	n/a	n/a
8151	89.03	88.03
8152	89.58	87.91
8101	89.57	87.5
611A	n/a	n/a
711B	n/a	n/a
721E	n/a	n/a
721F	n/a	n/a
721A	n/a	n/a
621A	n/a	n/a
721D	n/a	n/a
721B	n/a	n/a
621B	n/a	n/a
72BI	n/a	n/a
72BG	n/a	n/a
721C	n/a	n/a
72BH	n/a	n/a
72BJ	n/a	n/a
7252	90.78	n/a
7201	90.72	n/a
501A	n/a	n/a
5053	93.45	91.57
5054	94.21	92.17
5052	93.08	91.1
6003	91.25	89.08
7004	90.75	88.71
6004	92.6	90.35
7005	90.1	88.11
6005	91.79	89.55
601B	n/a	n/a

Manhole Reference	Manhole Cover Level	Manhole Invert Level
601A	n/a	n/a
6006	91.59	89.37
5001	94.74	92.84
601D	n/a	n/a
5051	94.77	92.42
501B	n/a	n/a
5250	97.61	96.5
53AC	n/a	n/a
53AE	n/a	n/a
53AD	n/a	n/a
5202	97.46	n/a
5252	97.4	n/a
53AB	n/a	n/a
5251	97.22	95.75
5151	96.63	n/a
5201	96.92	94.92
5101	96.34	94.11
521C	n/a	n/a
521A	n/a	n/a
521B	n/a	n/a
521E	n/a	n/a
521D	n/a	n/a
511A	n/a	n/a
5301	96.13	n/a
5351	95.97	n/a
5302	95.76	n/a
5152A	93.41	91.37
6351	94.76	n/a

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The width of the displayed area is 500m and the centre of the map is located at OS coordinates 517750,207750

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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
7504	90.05	88.38
7503	89.68	87.91
751D	90.09	88.45
751A	89.4	87.99
7502	88.62	86.66
751B	88.72	87.05
751E	90.49	88.38
7501	88.48	86.51
8502	88.27	86.22
851A	88.43	86.88
851B	88.48	86.64
851C	88.44	86.63

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The width of the displayed area is 500m and the centre of the map is located at OS coordinates 518250,207250

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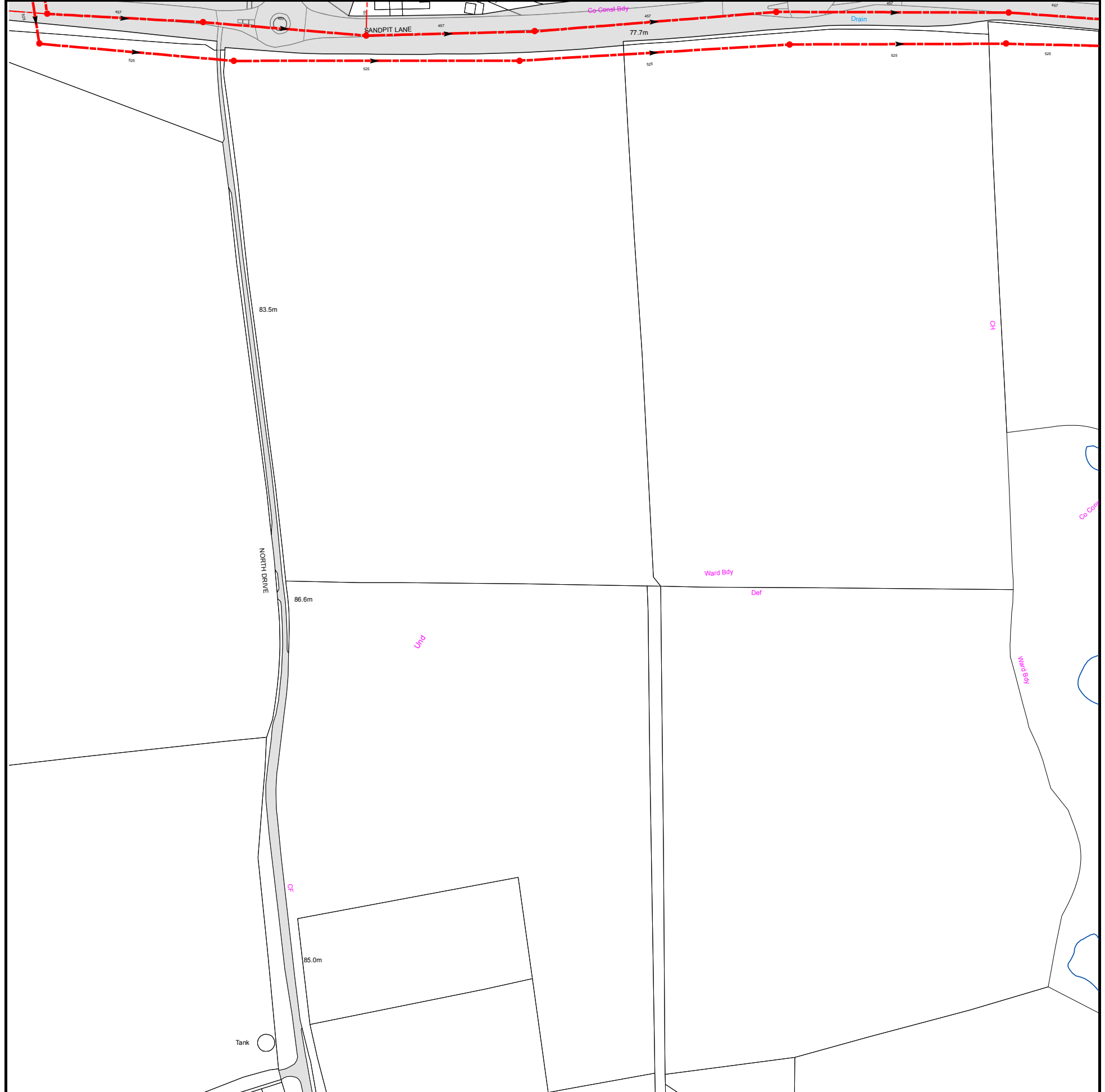
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NB. Levels quoted in metres Ordnance Newlyn Datum. The value -9999.00 indicates that no survey information is available

Manhole Reference	Manhole Cover Level	Manhole Invert Level
421A	n/a	n/a
421B	n/a	n/a
421D	n/a	n/a
421C	n/a	n/a
411B	n/a	n/a
0005	88.49	87.09
001B	n/a	n/a
001A	n/a	n/a
1000	88.09	86.28
101D	n/a	n/a
101C	n/a	n/a
101B	n/a	n/a
111A	n/a	n/a
111B	n/a	n/a
101E	n/a	n/a
101A	n/a	n/a
211A	n/a	n/a
201A	n/a	n/a
201B	n/a	n/a
301B	n/a	n/a
301A	n/a	n/a
3004	83.99	81.3
3002	85.87	83.03
3003	84.62	81.33
4100	84.64	81.94
4250	84.44	82.92
4156	84.68	83.39
4103	84.8	81.88
4153	84.84	83.49
4104	84.73	81.67
4251	n/a	82.7
4202	84.64	82.05
4150	84.52	83.5
4105	84.34	83.07
4201	84.59	82.09
4106	84.59	83.53
4200	84.19	82.24
4152	n/a	82.86
4151	84.25	83.01
4107	84.16	82.21
4108	84.19	82.25
4252	83.87	82.92
311A	n/a	n/a
3200	85.33	83.69
311E	n/a	n/a
311B	n/a	n/a
3152	n/a	82.55
3151	84.72	83.21
3100	84.63	83.8
3250	84.94	83.95
3101	84.73	83.7
4157	84.62	83.46
4155	n/a	82.54
4101	84.64	83.55
4001	84.5	81.8
4154	84.36	82.75
411C	n/a	n/a
4102	84.63	83.44
411E	n/a	n/a
4002	84.45	81.51
4050	n/a	82.96
411D	n/a	n/a
411F	n/a	n/a
4203	84.75	83.43
411A	n/a	n/a
4204	84.48	82.04
4000	84.38	82.7
401A	n/a	n/a
4205	84.58	81.98
0250	88.93	87.08
0251	88.93	n/a
1200	89.24	87.53
1050	88.01	86.62
1250	88.5	87.23
1150	88.33	85.84
1101	88.1	86.11
1051	n/a	85.42
1201	88.22	85.99
1100	88.2	86.35
2050	87.39	85.82
2150	87.62	86.37
221A	n/a	n/a
2250	87.35	86.28
221C	n/a	n/a
221B	n/a	n/a
2200	86.73	84.95
2101	86.47	84.34
2006	86.32	83.77
311D	n/a	n/a
321B	n/a	n/a

Manhole Reference	Manhole Cover Level	Manhole Invert Level
3150	85.82	84.37
321A	n/a	n/a
3001	85.66	84.46
3000	85.71	84.63
311C	n/a	n/a
0009	88.74	86.2
1001	88.3	87.48
1002	88.22	87.2
1005	88.02	87.07
2000	87.47	86.4
1006	87.95	86.93
0001	88.74	87.87
2001	87.38	86.26
1003	88.15	87.02
1007	87.91	86.79
0002	88.7	87.62
1008	87.85	85.92
0003	88.62	87.48
2002	87.38	85.97
0004	88.55	87.43
1010	87.64	85.65
2004	87.29	85.35
01AB	n/a	n/a
0102	n/a	n/a
0008	n/a	n/a
0100	89.02	88.03
0101	89.03	87.94
0000	88.86	87.79
0050	88.52	87.4

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The width of the displayed area is 500m and the centre of the map is located at OS coordinates 518250,208250

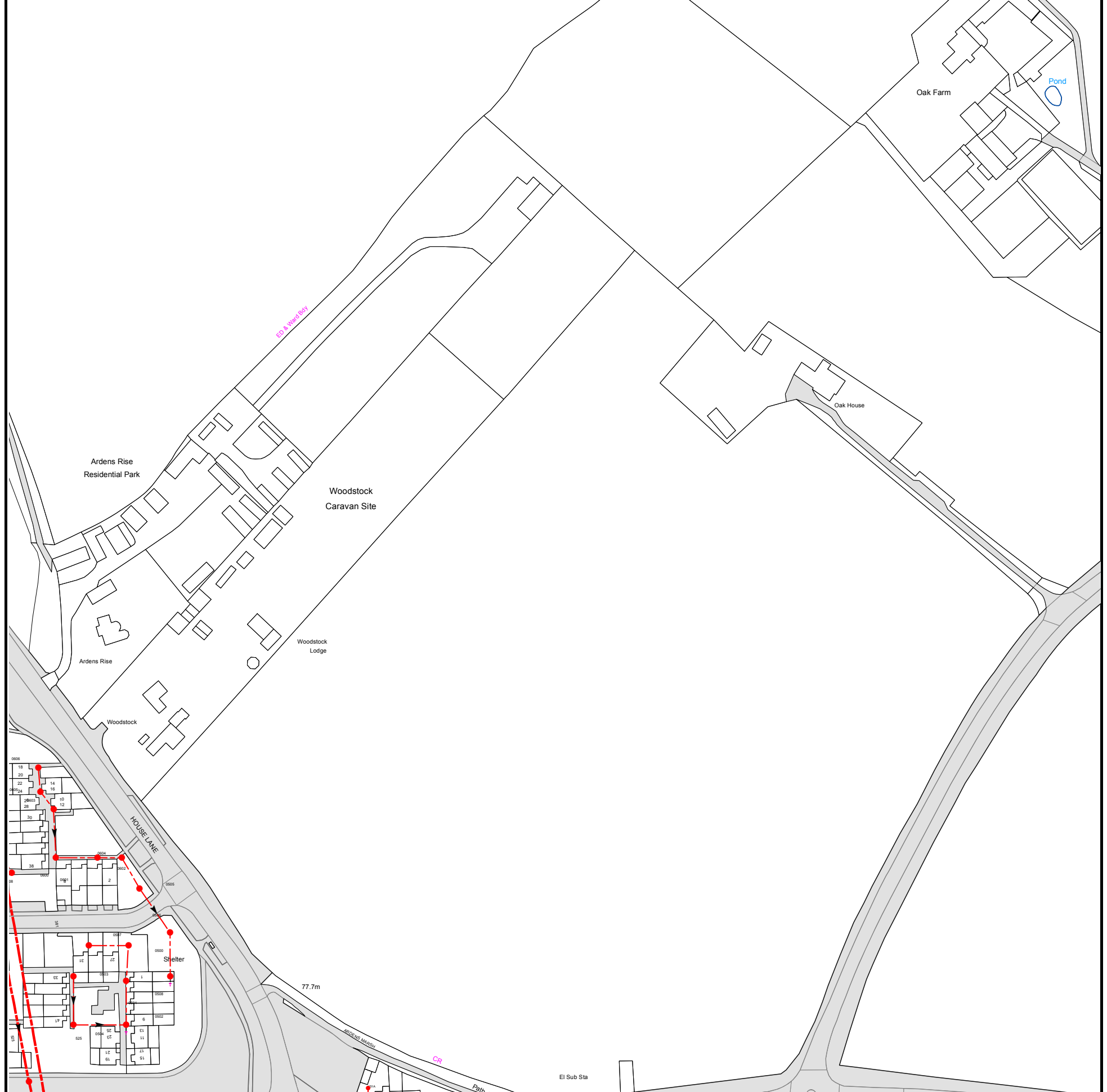
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Manhole Reference	Manhole Cover Level	Manhole Invert Level
LL34	80.03	74.69
L35	n/a	n/a
L34	78.57	74.55
LL33	78.19	74.52
L33	78.5	74.4
LL32	78	74.3
L32	77.73	74.25
L31	77.57	74.03
LL31	77.83	74.09
LL30	77.65	73.9
L30	77.17	73.87

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The width of the displayed area is 500m and the centre of the map is located at OS coordinates 518250,208750

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Manhole Reference	Manhole Cover Level	Manhole Invert Level
0606	77.77	76.85
0600	78.01	74.92
LL35	n/a	n/a
0605	77.74	76.74
0603	77.64	76.5
0601	77.66	76.35
0503	78.22	77.01
0504	78.3	76.57
0507	77.78	76.53
0602	77.65	76.15
0604	77.7	76.09
0502	77.12	75.01
0501	77.98	76.15
0500	77.82	76.41
0505	77.83	76
0506	77.9	75.81
0508	n/a	n/a
151A	n/a	n/a

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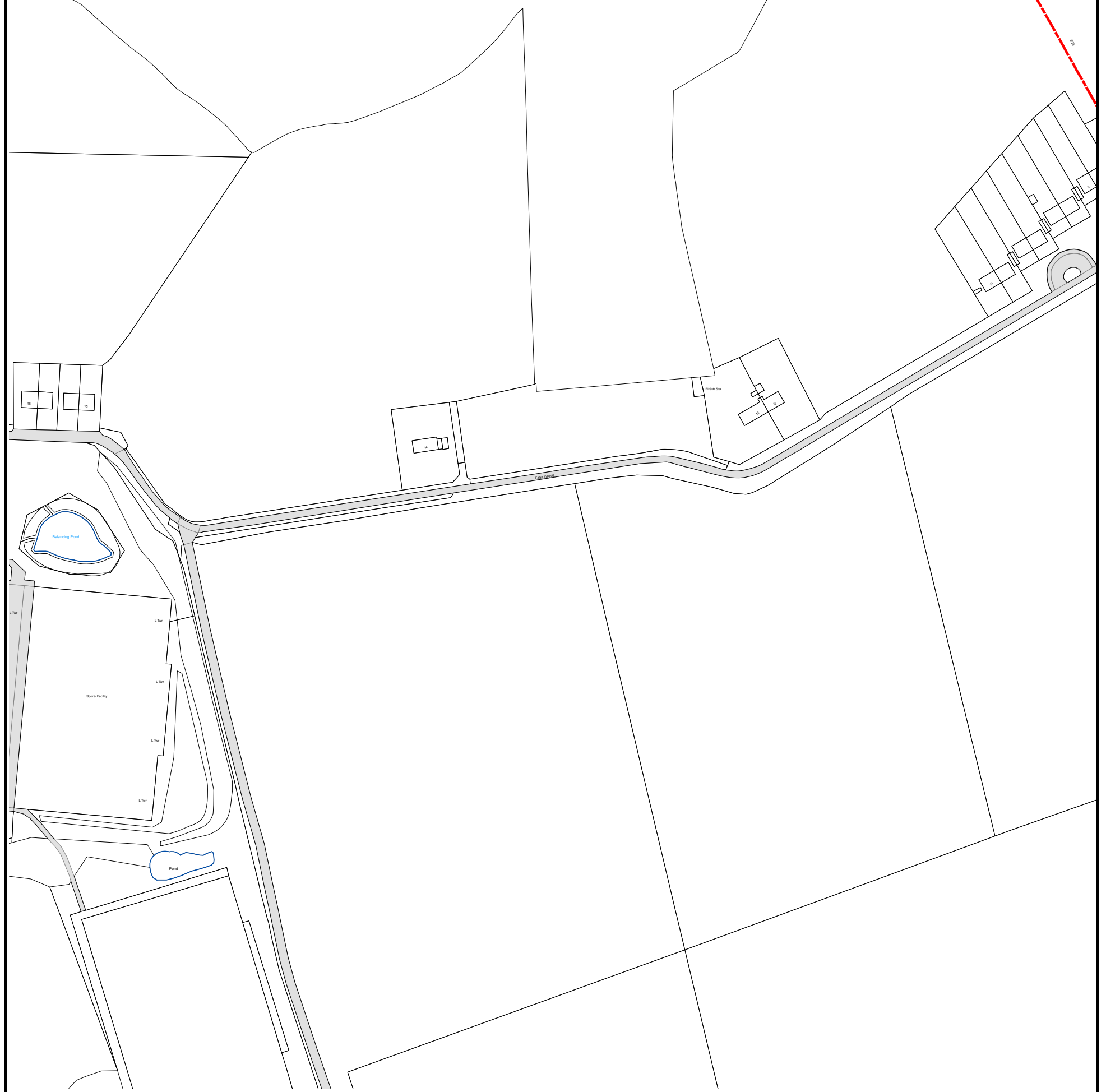


The width of the displayed area is 500m and the centre of the map is located at OS coordinates 518750,207250
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Manhole Reference	Manhole Cover Level	Manhole Invert Level
711A	n/a	n/a
711D	n/a	n/a
9262	n/a	78.17
9251	80.07	78.53
9354	78.73	77.78
9355	78.85	78.07
9353	78.89	77.76
9351	78.92	77.61
9352	78.94	77.75
9350	n/a	77.47
9356	78.84	78.21
9357	78.81	78.37
8100	79.76	77.62
8163	n/a	77.8
8162	79.66	78.24
9156	n/a	n/a
9059	79.49	78.2
9157	n/a	n/a
9062	79.37	78.23
9154	n/a	n/a
9101	79.25	77.36
9052	n/a	77.7
9058	79.46	78.48
9053	79.37	78.31
9057	79.41	78.31
9100	79.56	77.03
9153	79.47	78.5
9150	78.36	77.8
9002	79.23	76.8
9051	78.25	77.44
9151	78.35	77.9
9152	79.47	78.5
9259	n/a	77.11
9159	78.44	76.86
9158	78.33	76.64
7102	82.93	80.63
7252	82.85	81.9
7200	82.71	80.97
7251	82.61	81.65
7101	82.34	80.2
7100	81.86	79.7
7150	81.75	79.85
8151	80.94	79.56
8106	80.76	78.94
8105	80.07	78.71
8165	n/a	n/a
8104	80.3	78.6
8150	80.17	79.09
8152	79.93	79.19
8103	79.96	78.29
8052	79.75	78.85
8002	79.61	77.83
8154	79.88	79.03
8153	n/a	78.27
8157	79.65	78.68
8164	79.71	79.04
8102	80.01	77.89
8101	79.81	77.86
8156	n/a	78.17
8158	79.53	78.4
8053	79.48	78.62
8155	n/a	78.05
9250	79.35	77.88
9253	n/a	79.11
9252	n/a	79.3
9260	n/a	77.1
9254	n/a	77.83
9255	n/a	78.76
7250	82.45	81.49
5250	83.55	82.25
9261	n/a	77.44
9256	n/a	78.8
9257	80.46	79.01
6250	82.64	81.37
9258	80.42	79.35
8001	79.24	78.33
901A	n/a	n/a
9001	78.92	77.02
8000	79.87	77.64
8050	79.45	78.3
9000	77.91	76.77
9050	78.41	77.25
8051	79.86	78.58
9063	79.37	78.23
511A	n/a	n/a
521A	n/a	n/a
5200	83.88	82.67
5201	83.81	83
5202	83.86	83.18
5203	83.92	83.21

Manhole Reference	Manhole Cover Level	Manhole Invert Level
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The width of the displayed area is 500m and the centre of the map is located at OS coordinates 518750,207750

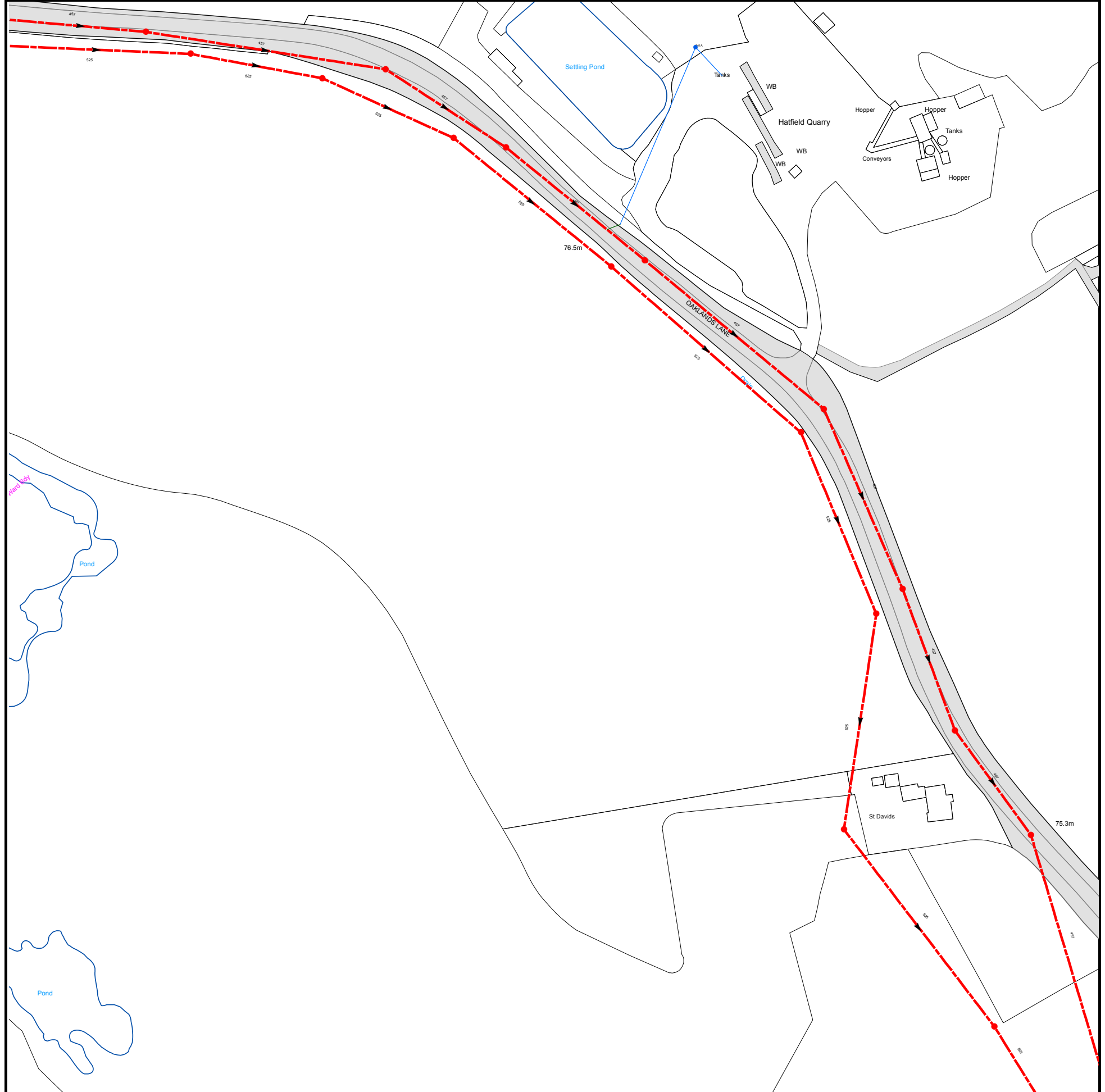
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Manhole Reference	Manhole Cover Level	Manhole Invert Level
n/a	n/a	n/a

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The width of the displayed area is 500m and the centre of the map is located at OS coordinates 518750,208250

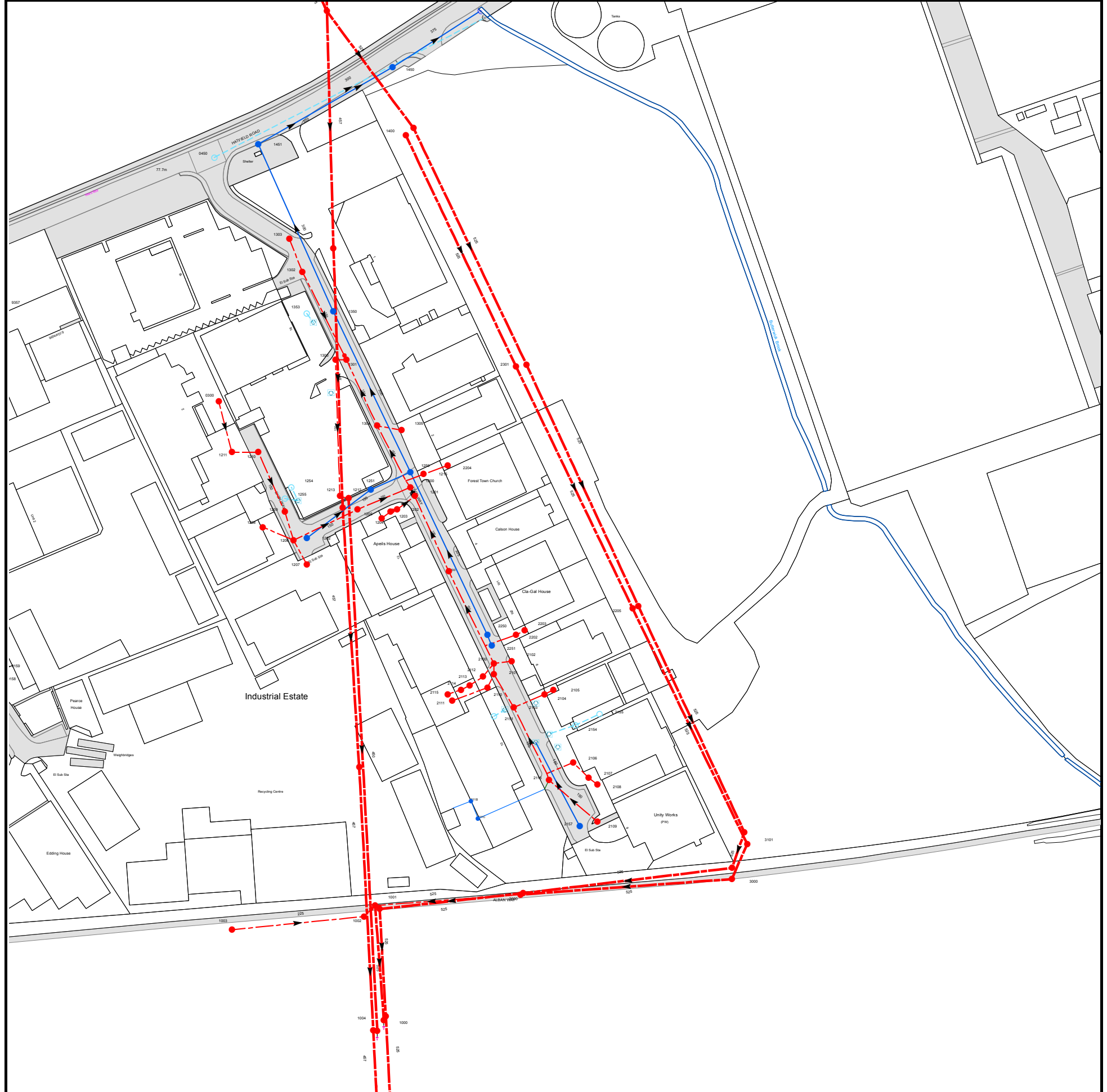
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Manhole Reference	Manhole Cover Level	Manhole Invert Level
LL22	77.13	72.53
L22	75.21	72.58
LL23	77.75	72.74
L23	75.6	72.7
LL24	76.5	72.92
L24	75.69	72.87
LL25	76.97	73.09
L25	75.89	73
LL26	76.38	73.29
L26	76.11	73.14
L27	76.11	73.32
LL27	77.52	73.46
LL28	77.74	73.58
L28	76.4	73.45
LL29	77.14	73.68
841A	n/a	n/a
L29	76.78	73.63

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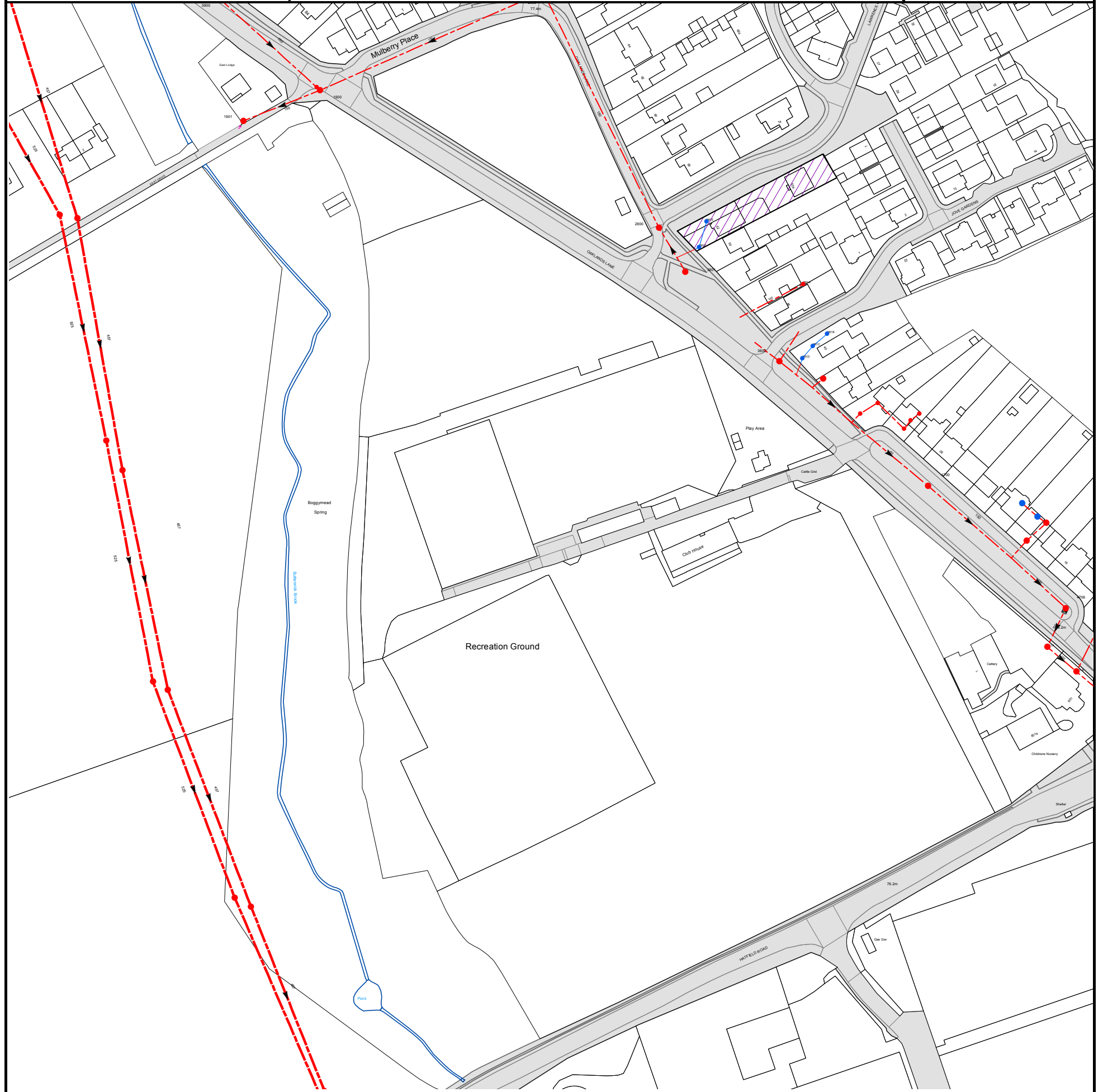
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Manhole Reference	Manhole Cover Level	Manhole Invert Level
211C	n/a	n/a
211B	n/a	n/a
2200	75.98	73.65
1200	75.87	73.22
1301	76.01	72.48
2000	76.25	70.44
LL13/1	76.1	70.49
3000	75.05	70.58
LL13/2	75.05	70.65
3101	75.66	70.63
LL13/3	75.67	70.69
2157	75.72	75.2
2109	75.86	75.33
2108	75.91	75.42
2116	75.9	75.1
2107	75.91	75.23
2106	75.86	75.1
2158	n/a	74.59
2156	n/a	74.29
2153	n/a	n/a
2154	76.15	75.32
2151	75.97	74.84
2155	76.17	75.47
2150	n/a	74.49
2103	75.84	74.5
2152	n/a	75.28
2111	75.96	75.22
2115	76.08	75.2
2104	76.1	75.38
2114	76.07	75.01
2105	76.1	75.49
2110	75.97	74.72
2113	76.04	74.83
2112	75.88	74.52
2101	75.85	74.32
2100	75.85	74.18
2102	75.97	74.45
2251	75.84	74.85
2250	75.91	74.73
2202	75.57	74.65
2203	75.54	74.77
2205	75.52	70.82
LL13/4	75.53	70.88
1203	75.99	74.31
1202	75.97	73.67
1201	75.86	73.28
1215	75.86	74.1
1250	75.83	74.41
2204	75.31	74.49
1305	75.97	74.25
2301	74.95	71.03
LL14	74.98	71.09
1400	75.2	71.22
LL15	75.21	71.29
1450	75.07	73.86
1211	76.49	74.93
1210	76.52	74.67
1304	75.97	72.88
0300	76.56	75.64
1351	n/a	74.94
1300	76.2	72.44
1352	n/a	75.81
1353	76.54	76.07
1350	75.9	74.28
1302	75.98	74.01
L15	75.99	71.17
1303	76.13	74.2
0450	76.59	74.59
1451	76.29	74.09
LL16	75.52	71.4
L13	76.59	70.77
1002	76.35	73.59
1001	76.38	70.33
LL13	75.4	70.39
1207	76.52	74.46
1206	76.22	74.18
1252	76.21	74.98
1208	76.54	75.65
1204	76	74.53
1209	76.32	74.46
1205	75.97	73.82
L14	75.77	70.99
1253	n/a	74.09
1212	76.22	70.92
1255	76.38	75.03
1213	76.25	71.08
1251	76.22	74.59
1254	76.51	75.52
1003	79.96	77.53
L12	75.31	70.51

Manhole Reference	Manhole Cover Level	Manhole Invert Level
1004	75.71	70.51
1000	76	70.22
LL12	75.99	70.3

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Manhole Reference	Manhole Cover Level	Manhole Invert Level
461A	n/a	n/a
471A	n/a	n/a
4706	76.6	75.31
4707	n/a	n/a
4704	76.64	75.61
4703	76.71	75.64
4702	76.7	75.67
4701	76.96	76.26
4700	77.45	76.17
4802	77.22	76.6
4801	77.2	76.66
4800	77.22	76.75
3807	77.57	76.36
3806	77.26	76.42
3805	77.78	76.72
3802	77.73	76.58
381D	n/a	n/a
381C	n/a	n/a
381B	n/a	n/a
381A	n/a	n/a
3801	78.26	76.58
381F	78.22	77.04
2800	77.7	76.13
381E	78.2	77.18
L16	75.13	71.39
L17	75.42	71.57
LL17	75.08	71.68
L18	75.51	71.75
LL18	75.79	71.87
L19	76.2	71.92
LL19	76.5	72.04
L20	76.52	72.15
LL20	76.59	72.22
1901	75.4	73.91
1900	76.72	74.24
0900	76.72	75.3

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Manhole Reference	Manhole Cover Level	Manhole Invert Level
751C	n/a	n/a
751B	n/a	n/a
751D	n/a	n/a
651C	n/a	n/a
651A	n/a	n/a
6500	75.83	73.23
751A	n/a	n/a
751E	n/a	n/a
5501	75.87	74.22
661A	n/a	n/a
561B	n/a	n/a
661E	n/a	n/a
661D	n/a	n/a
5602	76.77	75.21
661C	n/a	n/a
6750	76.61	75.68
6702	76.33	75.57
6701	76.51	75.67
6700	76.51	75.85
5600	76.43	75.32
5651	75.56	74.18
5650	76.34	75.22
5702	76.7	75.7
5701	76.68	75.76
5700	76.63	75.81
5601	76.5	74.94
561A	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
-  Sludge Sewer
-  Foul Trunk Sewer
-  Surface Trunk Sewer
-  Combined Trunk Sewer
-  Foul Rising Main
-  Surface Water Rising Main
-  Combined Rising Main
-  Vacuum
-  Thames Water Proposed
-  Vent Pipe
-  Gallery

Other Sewer Types (Not operated and maintained by Thames Water)

-  Sewer
-  Culverted Watercourse
-  Proposed
-  Decommissioned Sewer
-  Content of this drainage network is currently unknown
-  Ownership of this drainage network is currently unknown

Notes:

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

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
-  Meter
-  Dam Chase
-  Vent
-  Fitting

Operational Controls

A feature in a sewer that changes or diverts the flow in the sewer. Example: A hydrobrake limits the flow passing downstream.

-  Ancillary
-  Drop Pipe
-  Control Valve
-  Weir

End Items

End symbols appear at the start or end of a sewer pipe. Examples: an Undefined End at the start of a sewer indicates that Thames Water has no knowledge of the position of the sewer upstream of that symbol. Outfall on a surface water sewer indicates that the pipe discharges into a stream or river.

-  Inlet
-  Outfall
-  Undefined End




Other Symbols

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





-  Change of Characteristic Indicator
-  Public / Private Pumping Station
-  Invert Level
-  Summit

Areas

Lines denoting areas of underground surveys, etc.

-  Agreement
-  Chamber
-  Operational Site

Ducts or Crossings

-  Casement
 -  Conduit Bridge
 -  Subway
 -  Tunnel
- Ducts may contain high voltage cables. Please check with Thames Water.

5) 'na' or 'of' on a manhole indicates that data is unavailable.

6) The text appearing alongside a sewer line indicates the internal diameter of the pipe in millimeters. 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.