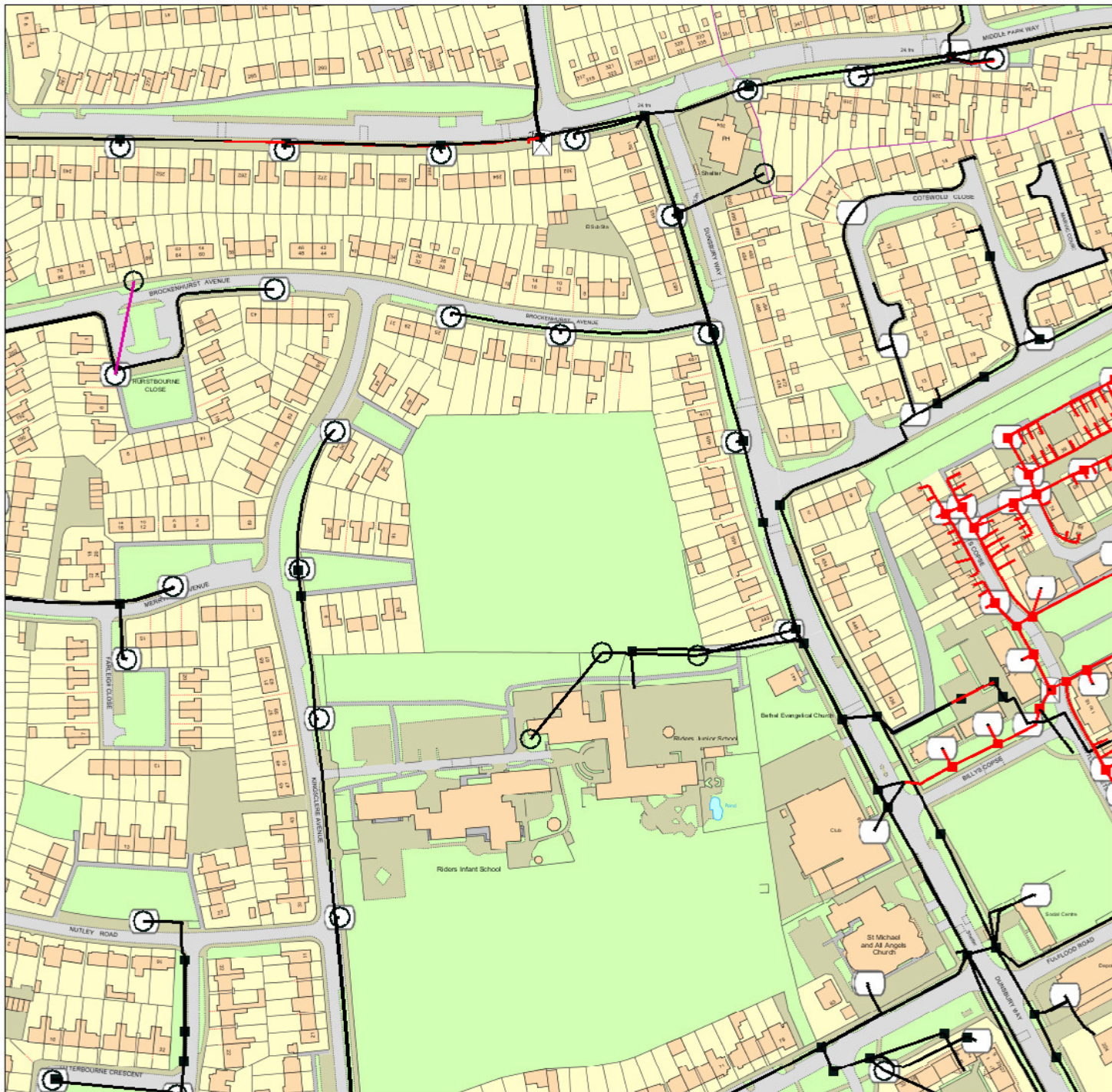


Appendix 7 – Telecommunications Infrastructure

Maps by email Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy.

It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.

DIAL BEFORE YOU DIG

FOR PROFESSIONAL ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS

ADVANCE NOTICE REQUIRED
(Office hours: Monday-Friday 08.00 to 17.00)

Tel: 0800 9173993
E-mail: dbyd@openreach.co.uk
Website: www.dialbeforeyoudig.com

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KEY TO BT SYMBOLS

	UNDERGROUND PLANT		POLE
	OVERHEAD PLANT		CABINET
	JOINT BOX		BURIED JOINT
	DISTRIBUTION POINT		JOINTING POST
	MANHOLE		PROPOSED U/G
	DP BOUNDARY		PROPOSED O/H
	OTHER BT BOUNDARY		PROPOSED BOX

Other proposed plant is shown using dashed lines. BT symbols not listed above may be disregarded. Existing BT plant may not be recorded. Information valid at the time of preparation.

openreach
a BT Group business

BT Ref : EAO10486W

Map Reference : (centre) SU7106108444

Easting/Northing : (centre) 471061,108444

Issued : 02/04/2015 10:49:11

FOOTNOTE: WARNING IT IS ESSENTIAL THAT YOU CONTACT NATIONAL NETWORK HANDLING CENTRE BY EMAIL nnhc@openreach.co.uk BEFORE PROCEEDING WITH ANY WORK IN THE HATCHED AREA

Appendix 8 – Sewer Records



Ridge and Partners LLP
Partnership House
Moorside Road
Winchester
Hampshire
SO23 7RX

Your Ref RPLLP
Our Ref 192758
Date 07 April 2015
Contact searches@southernwater.co.uk
Fax 01634 844514
DX: 400450 Chatham 5

Attention: Kyle Gray

Dear Sirs

Provision of Public Sewer Main Record Extracts

Land adjacent Kingsclere Avenue, Kingsclere Avenue, Havant, Hampshire PO9 4RZ

Further to your recent enquiry regarding the provision of Southern Water apparatus record extracts for the above location.

Please be aware that there are areas within our region in which there are neither sewers nor water mains. Similarly, whilst the enclosed extract may indicate the approximate location of our apparatus in the area of interest, it should not be relied upon as showing that further infrastructure does not exist and may subsequently be found following site investigation. Therefore actual positions of the disclosed (and any undisclosed) infrastructure should be determined on site, because Southern Water does not accept any responsibility for inaccuracy or omission regarding the enclosed plan and accordingly it should not be considered to be a definitive document.

Should you require any additional information regarding this matter please contact this office at the address given at the foot of this letter or alternatively via the fax number given above.

Yours faithfully

Land Search Department

Southern Water Land Searches
Southern House
Capstone Road
Chatham
Kent
ME5 7QA



O.S. REF.

SU7108SW

Title: 192758_Land adjacent Kingscler

Drawn by: mondalb

Scale: 1:1250

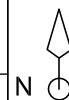
Date: 07/04/2015

The positions of pipes shown on this plan are believed to be correct, but Southern Water Services Ltd accept no responsibility in the event of inaccuracy.

The actual positions should be determined on site.

WARNING: BAC pipes are constructed of Bonded Asbestos Cement
WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement

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SEWER RECORDS PAGE 2 OF 2

Node						Cover						Invert						Size						Material						Shape					
Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape												
0501X	21.83	19.34	225	VC	CIRC	9351X	17.93	15.47	225	VC	CIRC	Node	Cover	Invert	Size	Material	Shape	Node	Cover	Invert	Size	Material	Shape												
0502X	21.48	19.73	225	VC	CIRC	9401X	18.51	15.97	225	VC	CIRC																								
0503X			UNK	UNK	CIRC	9402X	19.39	17.03	225	VC	CIRC																								
0550X	21.45	19.52	225	VC	CIRC	9450X	17.96	15.67	300	VC	CIRC																								
0551X	22.38	20.42	225	VC	CIRC	9451X	18.51	16.47	225	VC	CIRC																								
0602X			UNK	UNK	CIRC	9452X	19.3	17.32	225	VC	CIRC																								
0604X			UNK	UNK	VC	9501X	20.16	17.58	225	VC	CIRC																								
060DX			UNK	UNK	CIRC	9502X	20.41	16.87	225	VC	CIRC																								
1301X	19.41	16.43	225	VC	CIRC	950DX			225	VC	CIRC																								
1350X	18.93	16.4	450	CP	CIRC	9550X	20.74	18.25	300	VC	CIRC																								
1402X	20.57	17.99		VC	CIRC	9551X		20.08	225	VC	CIRC																								
1403X			UNK	UNK	CIRC	9604X				UNK	UNK	CIRC																							
1404X			225	VC	CIRC	9605X				UNK	UNK	CIRC																							
1405X			UNK	UNK	CIRC																														
1450X	20.44	18.28	450	CP	CIRC																														
1451X			20.53	375	CP	CIRC																													
1452X			20.76	18.88	VC	CIRC																													
1501X	21.32	19.62	225	CP	CIRC																														
1502X	22.24	19.13	225	VC	CIRC																														
1503X	21.94	20.4	225	CP	CIRC																														
1550X	21.9	20.12	225	VC	CIRC																														
1551X	22.3	20.08	450	CP	CIRC																														
1552X	21.31	19.54	225	CP	CIRC																														
2352X	18.31	16.1	300	CP	CIRC																														
2400X	20.77		225	VC	CIRC																														
2401X	20.77	19.34	225	CP	CIRC																														
2402X	19.6	15.9	150	VC	CIRC																														
2403X	18.52	15.68	150	VC	CIRC																														
2404X	18.16	15.59	150	VC	CIRC																														
2407X	19.3	16.11	150	VC	CIRC																														
2408X	19.28	17.69	150	VC	CIRC																														
2450X	20.76		375	CP	CIRC																														
2451X	18.34	15.8	300	CP	CIRC																														
2452X	18.13	15.75	300	CP	CIRC																														
2453X	16.5	16.5	225	UNK	CIRC																														
2454X	19.64	15.99	300	CP	CIRC																														
2455X	19.1	15.92	300	CP	CIRC																														
2456X	18.62	15.86	300	CP	CIRC																														
2459X	19.43	16.27	300	CP	CIRC																														
2502X	21.28	20.31	225	CP	CIRC																														
2503X	21.28	19.89	225	CP	CIRC																														
2504X	20.62	19.88	225	CP	CIRC																														
2550X	21.3	20.44	225	CP	CIRC																														
2551X	20.61	19.19	375	CP	CIRC																														
2602X	22.33	21.09	225	CP	CIRC																														
2603X	22.12	20.67	225	CP	CIRC																														
8350X	16.69	15.22	225	VC	CIRC																														
8401X	15.99		300	VC	CIRC																														
8402X	16.76	14.29	225	VC	CIRC																														
8403X	16.98	14.61	225	VC	CIRC																														
8450X	16.86	14.85	225	VC	CIRC																														
8451X	15.96	14.19	375	CP	CIRC																														
8452X	17.05	14.74	300	VC	CIRC																														
8453X	16.91	14.91	225	VC	CIRC																														
8501X	19.17	15.79	225	VC	CIRC																														
8550X	19.7	17.07	300	VC	CIRC																														
8551X	18.63	16.61	225	VC	CIRC																														
8552X		17.93	225	VC	CIRC																														
8553X	17.68	15.79	225	VC	CIRC																														
8606X			UNK	UNK	CIRC																														
8607X			UNK	UNK	CIRC																														
8608X			UNK	UNK	CIRC																														
8609X			UNK	UNK	CIRC																														
9301X	17.4		225	VC	CIRC																														
9303X	17.22	15.45	225	VC	CIRC																														

LINE STYLES / COLOURS		MATERIALS		LEGEND - SEWERS	
Brown	Full Sewer	AK Ashstone	Manhole (SV)	Wastewd (FAC)	Other (S)
	Full Sewer	BAC Bonded Asbestos Cement	Manhole (FAC)	Wastewd (FAC)	Change to Sewer (S)
	Full Vacuum Main	BMC Bile (Common)	Lamp hole (FAC)	Redding Eye (FAC)	Change to Sewer (S)
	Full Flushing Main	BK Bile (Engineering)	Lamp hole (FAC)	Redding Eye (FAC)	Change to Sewer (S)
	Full Flushing Main	CC Concrete Culvert	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
Red	Combined Sewer	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Combined Flushing Main	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Combined Flushing Main	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Lateral drain	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Lateral drain	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
Orange	Building Over Agreement Area	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Treated Effluent	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Sludge	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Sludge	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Sludge	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
Purple	Sewer Catchment	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Section 104 Area	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Surface Water	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Surface Water Flushing Main	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Surface Water Flushing Main	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
Light Blue	Private	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Access Street	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Discontinuation	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Discontinuation	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Discontinuation	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
Yellow	Private	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Access Street	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Discontinuation	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Discontinuation	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve
	Discontinuation	CC Concrete (B-Big)	Pumping Station (FAC)	Gauging post (FAC)	Red Valve

Appendix 9 – Load Assessment

Residential Loads		Electrical demand		Gas Demand		
	No. of units	kVA per flat	Peak load (kVA)	Hourly load per unit (kWh)	Annual load per unit (kWh)	Estimated total annual load
2 bed flat	8	2.4	19.2	28	24,000	192000
3 bed house	25	3	75	30	29,000	725000
4 bed house	5	5	25	30	29,000	145000
Total	38		119.2			1062000

Landlord Load		Electrical Demand
Type of Load	Floor Area (m2)	Total Load (kVA)
Car parking points (10% = 8)		56
External Lighting	2670	11.86666667
		67.87

	No. of Units	No. WCs	No. WHB	No. Baths	No. Showers	No. Sinks	No. Domestic Appliances
2 bed flat	8	16	16	16	8	8	16
3 bed house	25	50	50	50	25	25	50
4 bed house	5	15	15	10	10	5	10
Total	38	81	81	76	43	38	76