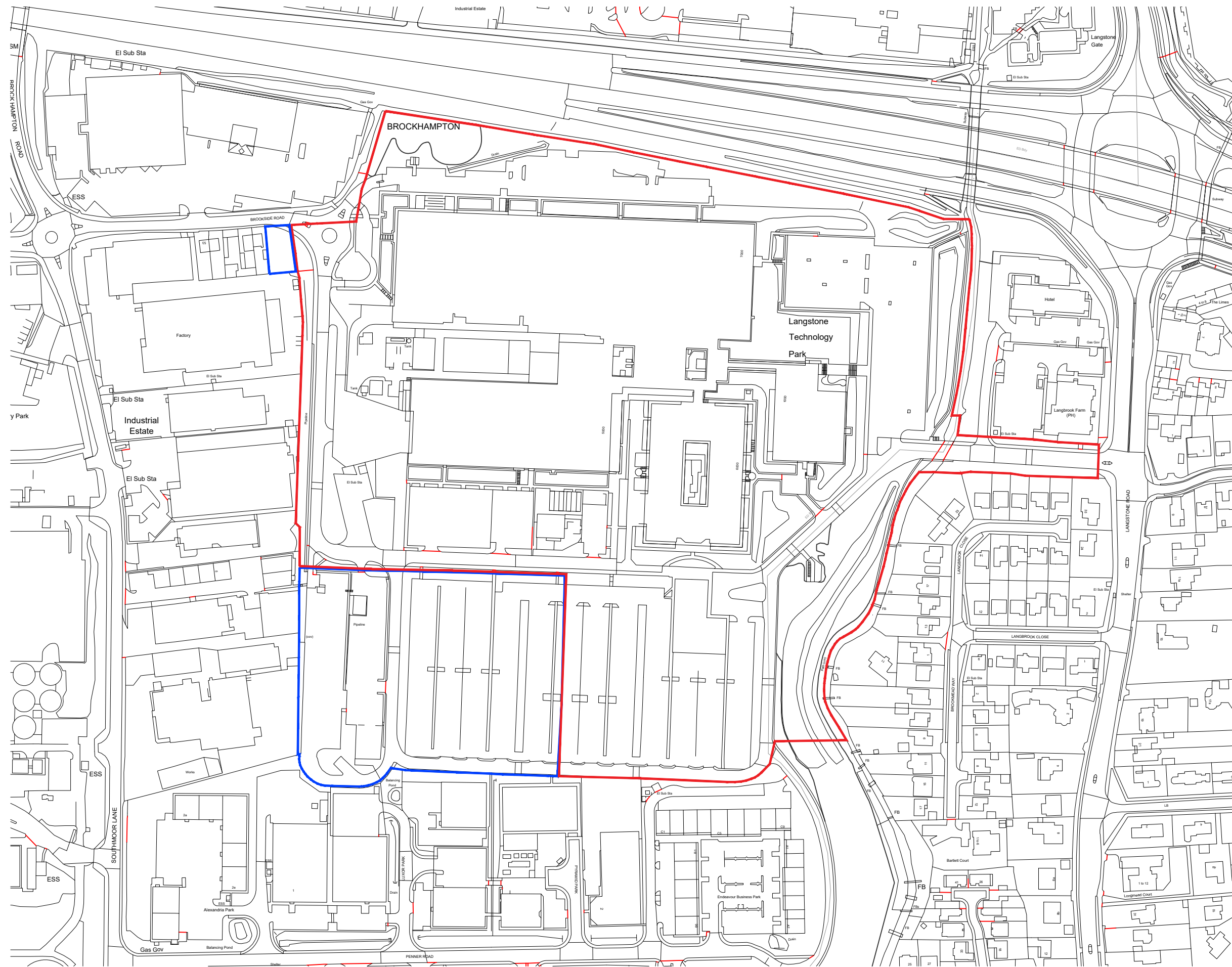
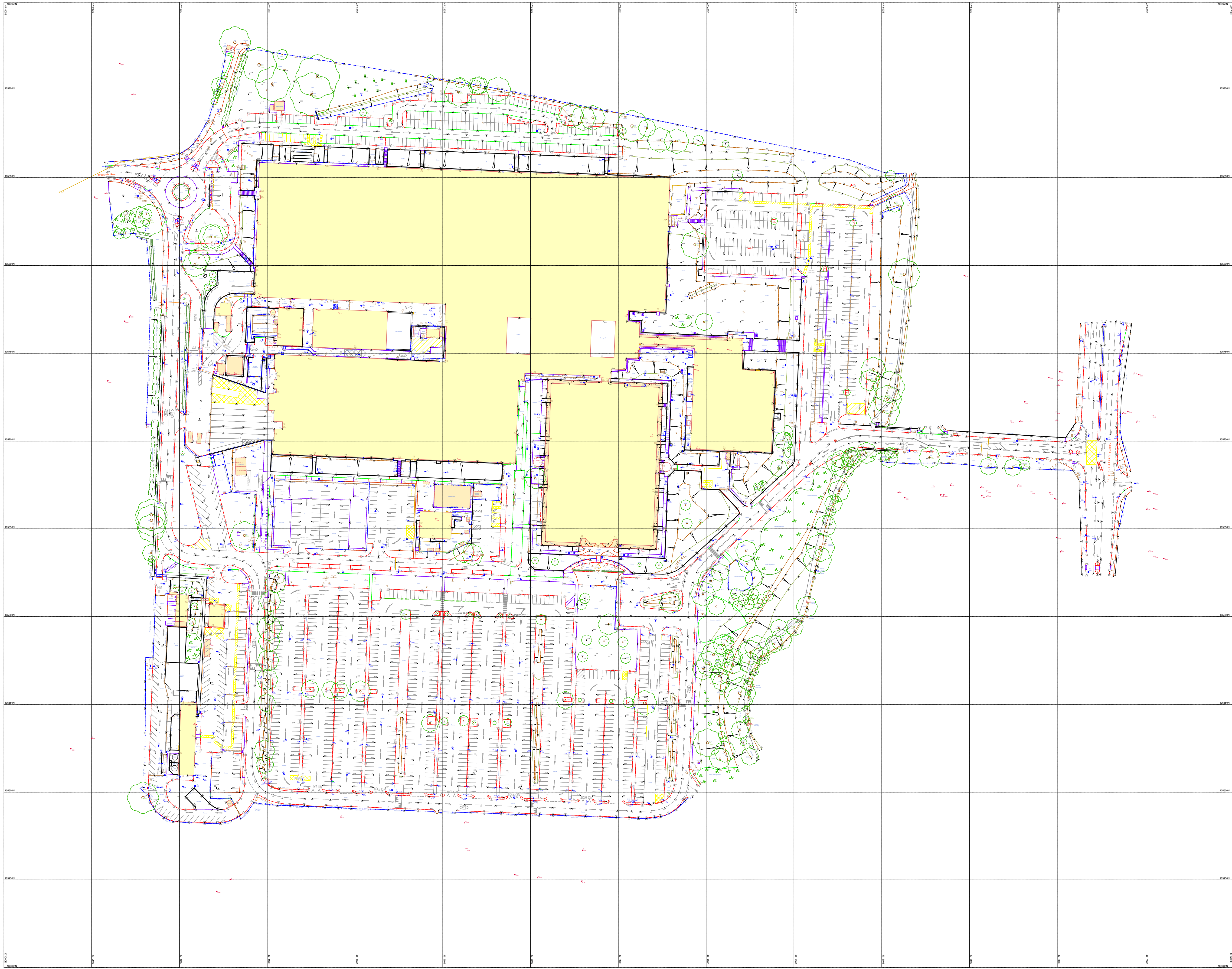

Appendix A – Existing Information

- A.1 Site Location Plan
- A.2 Topographical Survey
- A.3 Southern Water Public Sewer Map
- A.4 Existing Storm Drainage Outfall Locations Plan





Station	Easting (m)	Northing (m)	Level (m)
GH1	471467.951	105703.881	5.210
GH2	471356.573	105569.076	4.947
GH3	471283.579	105556.151	4.427
GH4	471172.818	105589.916	4.778
GH5	471093.648	105635.462	5.240
GH5A	471098.913	105824.054	5.142
GH6	471110.514	105871.341	5.093
GH7	471218.661	105879.712	5.375
GH8	471349.629	105874.259	5.570
GH9	471482.805	105845.720	7.682
GH10	471623.802	105866.766	7.216

This survey has been oriented to the Ordnance Survey (O.S.) National Grid OSGB36(15) via Global Navigation Satellite Systems (GNSS) and the O.S. Active Network (OS Net).

A true OSGB36 coordinate has been established near to the site centre via a transformation using the OSTN15GB & OSGM15GB transformation models.

The survey has been correlated to this point and a further one or more OSGB36 (15) points established to create a true O.S. bearing for angle orientation.

No scale factor has been applied to the survey therefore the coordinates shown are arbitrary & not true O.S. Coordinates which have a scale factor applied.
Please refer to Survey Station Table to enable establishment of the on-site grid and datum.

Legend

	Buildings	Oversee Capital	CC	Construction	Co	Construction
	Power	Power	PL	Electricity	EL	Electrical Industry
	Ships	Ships	SH	Shipping	SH	Shipping Industry
	Crane	Crane	CR	Crane	CR	Crane Industry
	Ships	Ships	SH	Shipping	SH	Shipping Industry
	Drop	Capacity/Output	CO	Drop	CO	Capacity/Output
	Crane	Crane	CR	Crane	CR	Crane Industry
	Ships	Ships	SH	Shipping	SH	Shipping Industry
	Station and Home	Station and Home	SH	Station and Home	SH	Station and Home
	100,000	100,000	100,000	100,000	100,000	100,000
	Ships	Ship / Boat / Sailing	SH	Ship / Boat / Sailing	SH	Ship / Boat / Sailing
	Area of Woodland	Area of Woodland	AW	Area of Woodland	AW	Area of Woodland
	Ships	Ships	SH	Shipping	SH	Shipping Industry
	E	E	E	E	E	E
	First Fuel Point	First Fuel Point	FFP	First Fuel Point	FFP	First Fuel Point
	Fence Types	Fence Types	FT	Fence Types	FT	Fence Types
	Interconnect	Interconnect	IC	Interconnect	IC	Interconnect
	W	W	W	W	W	W
	Wind Mill	Wind Mill	WM	Wind Mill	WM	Wind Mill
	P	P	P	P	P	P
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Rev	Date	Description	Drawn	Q. Rev
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CLIENT **XLB Property**

PROJECT
Langstone Technology Park
Havant
PO9 1SA

TITLE **Topographical
Survey**

SCALE A1@ 1: 1000	DATE Jan 2021
DRAWN PS/JK2	QUALITY REF GH9528

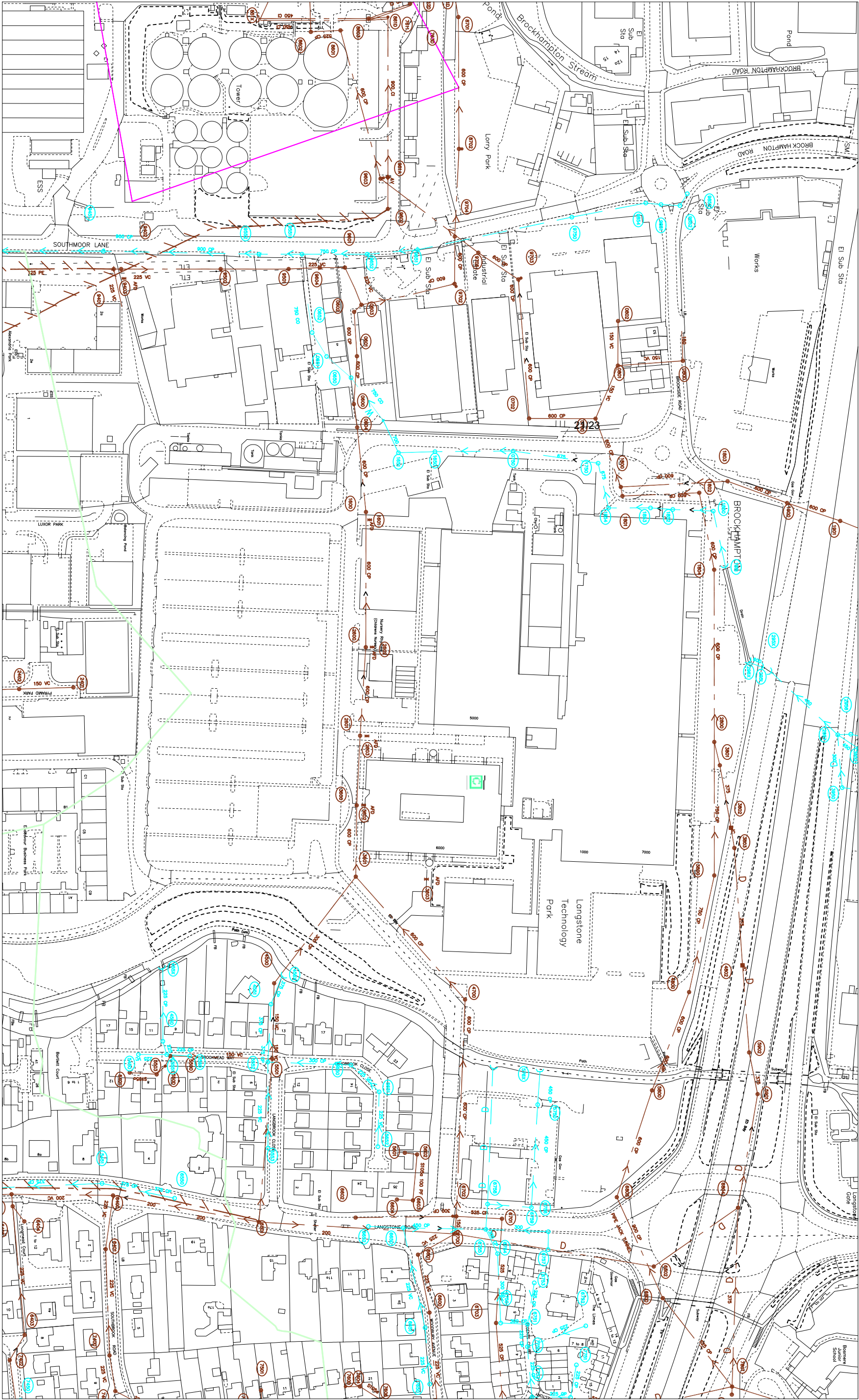
Level datum	OS (see note)
Grid orientation	OS (see note)

Job number	38869
Drawing No.	Rev

Comments
This plan should only be used for its original purpose. Greenhatch Group accepts no responsibility for this plan if supplied to any party other than the original client.

Drainage information (where applicable) has been visually inspected from the surface and therefore should be treated as approximate only.

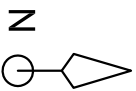
Notes:



105397

105974

O.S. REF. SU7105NW		Drawn by: dassuta		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
		Scale: 1:2500		
Title: Langstone Technology Park 2B L		Date: 12/08/2020		Based upon Ordnance Survey Digital Data with the permission of the controller of H.M.S.O. Crown Copyright Reserved Licence No. WU 298530.
				

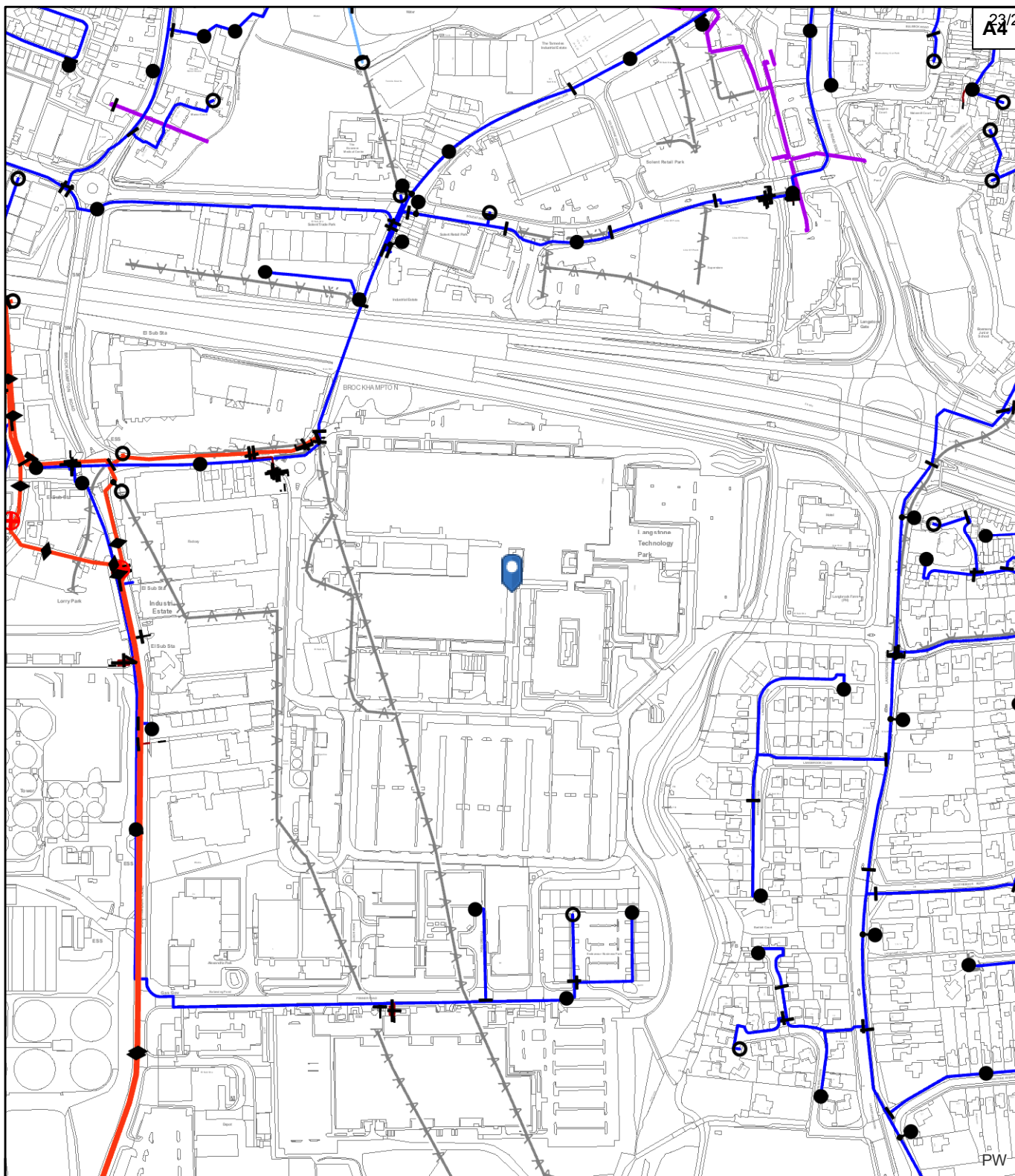


SEWER RECORDS PAGE 2 OF 2

Node	Cover	Invert	Size	Material	Shope	Node	Cover	Invert	Size	Material	Shope	Node	Cover	Invert	Size	Material	Shope	Node	Cover	Invert	Size	Material	Shope
0600X	4.04	1.19	600	CP	CIRC	5602X	5.37	4.62	100	PF	CIRC	7801Y	8.12		375	UNK	CIRC						
0601X	3.95		600	CP	CIRC	5650X	5.77	4.98	300	VC	CIRC	7801X	8.12	3.47	UNK	CIRC							
0602X	3.89	0.94	600	CP	CIRC	5651X	6.57	4.57	225	VC	CIRC	7801Y	8.12	3.47	UNK	CIRC							
0603X			600	CP	CIRC	5652X	5.5	4.34	450	CP	CIRC	8601X	5.2	0.08	525	CP	CIRC						
0604X			UNK	UNK	CIRC	5750X	5.02	3.228	600	UNK	CIRC	8602X	4.39	-0.42	525	CP	CIRC						
0650X			750	CO	CIRC	5800X	7.48	3.124	375	UNK	CIRC	8603X	4.39		450	CI	CIRC						
0651X			750	CO	CIRC	5901X	7.583	3.124	375	UNK	CIRC	8603Y	4.39		450	CI	CIRC						
0652X			750	CO	CIRC	5902X	6.05	4.73	200	VC	CIRC	8610Y			450	CI	CIRC						
0652X			750	CO	CIRC	6400X	6.12	4.73	200	VC	CIRC	8610X			450	CI	CIRC						
0700X	4.64	4.36	600	CP	CIRC	6401X	5.62	4.37	200	VC	CIRC	8701X	4.51	0.36	UNK	CIRC							
0702X	4.41	1.26	600	CP	CIRC	6402X	5.76	4.37	225	VC	CIRC	8702X	3.14	1.96	600	CP	CIRC						
0750X	5.1	3.7	UNK	UNK	CIRC	6403X	5.57	4.37	225	VC	CIRC	9401X	3.04	1.94	225	VC	CIRC						
0800X	4.51		150	VC	CIRC	6404X	5.57	4.37	UNK	UNK	CIRC	9402X	2.84	1.69	900	CP	CIRC						
0801X	4.8		150	VC	CIRC	6405X	5.57	4.37	225	UNK	CIRC	9451X	3.34	1.61	225	VC	CIRC						
0802X	4.75	3.44	150	VC	CIRC	6501X	6.486	5.57	200	UNK	CIRC	9501X	3.39	1.88	225	VC	CIRC						
1600X	5.09	1.14	600	CP	CIRC	6501Y	6.486	5.078	UNK	UNK	CIRC	9502X	3.39	1.88	225	VC	CIRC						
1650X	5.416	3.516	UNK	UNK	CIRC	6501Y	6.486	5.078	UNK	UNK	CIRC	9551X	3.39	1.98	750	CP	CIRC						
1651X	5.426		700	UNK	CIRC	6501Y	6.486	5.078	UNK	UNK	CIRC	9551X	3.39	1.98	750	CP	CIRC						
1750X	5.54	1.61	600	CP	CIRC	6600X	6.94	5.29	225	VC	CIRC	9601X	3.81	1.76	900	VC	CIRC						
1800X	5.35	1.45	600	CP	CIRC	6601X	6.94	5.29	225	VC	CIRC	9602X	4.42	0.64	600	CP	CIRC						
1801X	5.3	1.7	600	CP	CIRC	6602X	6.94	5.29	300	VC	CIRC	9603X	3.49	1.54	225	VC	CIRC						
1802X	4.96	2.1	600	CP	CIRC	6603X	7.02		450	CP	CIRC	9604X	3.99	1.56	900	CP	CIRC						
1803X	5.39	1.79	600	CP	CIRC	6650X	7.11	6.4	225	VC	CIRC	9610X	3.95	2.26	750	CP	CIRC						
1804X			600	CP	CIRC	6651X	7.11	6.4	225	VC	CIRC	9651X	3.95	2.26	750	CP	CIRC						
1850X	5.528	3.958	UNK	UNK	CIRC	6652X	7.12	5.322	UNK	UNK	CIRC	9652X	3.76	2.11	750	CP	CIRC						
1852X	5.415	3.975	UNK	UNK	CIRC	6700X	7.12	4.52	150	UNK	CIRC	9702X	4.14	0.57	600	CP	CIRC						
1853X	6.59	3.905	675	UNK	CIRC	6700Y	7.23	3.28	525	UNK	CIRC	9703X	4.73	0.85	600	CP	CIRC						
1854X			UNK	UNK	CIRC	6701X	7.07		525	UNK	CIRC	9704X	3.96	0.52	600	CP	CIRC						
185X	-1	2.31	600	CP	CIRC	6702X	7.84	3.58	525	UNK	CIRC	9705X	4.54	0.87	750	CP	CIRC						
1900X	5.35	2.64	600	CP	CIRC	6703X	7.88	5.5	300	CP	CIRC	9750X	4.59		600	CP	CIRC						
1901X	5.89	1.981	150	VC	CIRC	6750X	7.97		300	CP	CIRC	9851X			600	CP	CIRC						
2401X	4.057	1.7	150	VC	CIRC	6751X	8.31	6.71	225	CP	CIRC	9852X			600	CP	CIRC						
2402X	3.976	1.48	600	CP	CIRC	6752X	7.98	6.05	225	CP	CIRC	9853X			675	CP	CIRC						
2601X	4.72		600	CP	CIRC	6753X	7.92	5.31	300	CP	CIRC	9854X			750	CP	CIRC						
2601X	5.64		600	CP	CIRC	6754X	7.92		300	CP	CIRC												
2800X	5.69		600	CP	CIRC	6755X	7.429		450	CP	CIRC												
2956X	6	3.613	525	CO	CIRC	6756X	7.64	6.795	300	UNK	CIRC												
2957X			300	UNK	CIRC	6757X	7.354	6.869	UNK	UNK	CIRC												
2957Y			450	UNK	CIRC	6758X	7.83	4.997	450	UNK	CIRC												
295X	-1		600	UNK	CIRC	6758Y	7.83		450	CP	CIRC												
3600X	4.701	1.711	600	UNK	CIRC	6759X	7.17	4.804	450	CP	CIRC												
3601X	6.13		600	CP	CIRC	6800X	8.23	3.18	900	CP	CIRC												
3800X	6.1	2.7	750	CP	CIRC	6804X	9.101	3.514	UNK	UNK	CIRC												
3801Y	5.383		UNK	UNK	CIRC	6805X	6.53	2.58	600	UNK	CIRC												
3801X	5.383	1.939	375	UNK	CIRC	7400X	6.01	5.01	225	VC	CIRC												
3803X	5.913	2.161	375	UNK	CIRC	7401X	5.92	5.12	225	VC	CIRC												
3950X	4.923	3.729	300	UNK	CIRC	7402X	5.694	4.499	UNK	UNK	CIRC												
3952X	6	4.752	450	UNK	CIRC	7450X	5.48	4.56	150	UNK	CIRC												
4500X	4.6	2.43	300	CP	CIRC	7501X			UNK	UNK	CIRC												
4500X	4.78	2.45	300	CP	CIRC	7501Y			UNK	UNK	CIRC												
4550X	4.95	4.03	225	CP	CIRC	7510X			UNK	UNK	CIRC												
4551X	4.95	4.34	375	CP	CIRC	7604X			UNK	UNK	CIRC												
4700X	5.18	2.18	600	CP	CIRC	7606X			UNK	UNK	CIRC												
4800X	5.84		750	CP	CIRC	760DX			UNK	UNK	CIRC												
5401X			750	CO	CIRC	7611X			UNK	UNK	CIRC												
5401X	4.86	4.29	225	VC	CIRC	7611Y	4.06		600	CI	CIRC												
5450X	6.33	4.27	375	CP	CIRC	7611Y	4.06		600	CI	CIRC												
5500X	4.6	3.71	150	VC	CIRC	7611Y	4.06		600	CI	CIRC												
5501X	5.05	3.41	150	VC	CIRC	7620X	4.06		600	CI	CIRC												
5503X			UNK	UNK	CIRC	762DX																	
5503X			UNK	UNK	CIRC	762DY																	
5550X	5.03	4.26	225	CP	CIRC	7650X	7.23	6.55	225	VC	CIRC												
5551X	4.91	4.37	225	VC	CIRC	7750X	7.8		225	CP	CIRC												
5552X	5.15	5.23	225	CP	CIRC	7751X	8.01	6.44	225	CP	CIRC												
5553X	6.12		225	VC	CIRC	7753X	7.6		225	CP	CIRC												
5601X			100	PF	CIRC	7800X	8.2	3.7	525	CP	CIRC												

[illegible]

Drawn by:	dassuta
Title:	Langstone Technology Park 2B L
Date:	12/08/2020



Water Supply

- Distribution Main
- Communication Pipe
- Fire Main
- - Private Main
- Raw Water Main
- Trunk Main
- Abandoned Main

Hydrant

- Company Washout Hydrant(Single)
- Fire Brigade Hydrant(Single)
- Fire Brigade Washout Hydrant

Valves / Fittings

- ⌋ Capped End
- ✕ Stopcock
- ✕ Butterfly Valve
- ➡ Pressure Flow Valve
- ➡ Reflex Valve
- ◆ Air Valve
- ⌋ Open Valve
- ⊕ Closed Valve

The information supplied is given in good faith as a guide to locating underground apparatus. Its accuracy cannot be guaranteed, nor does it include comprehensive information about the existence or location of service pipes or cables to individual premises. The responsibility for locating and avoiding damage to apparatus on site shall be that of the person proposing to excavate in the street who shall be liable to the apparatus owner and any third party who may be affected in any way for any loss or damage caused by their failure to do so.

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U1524007

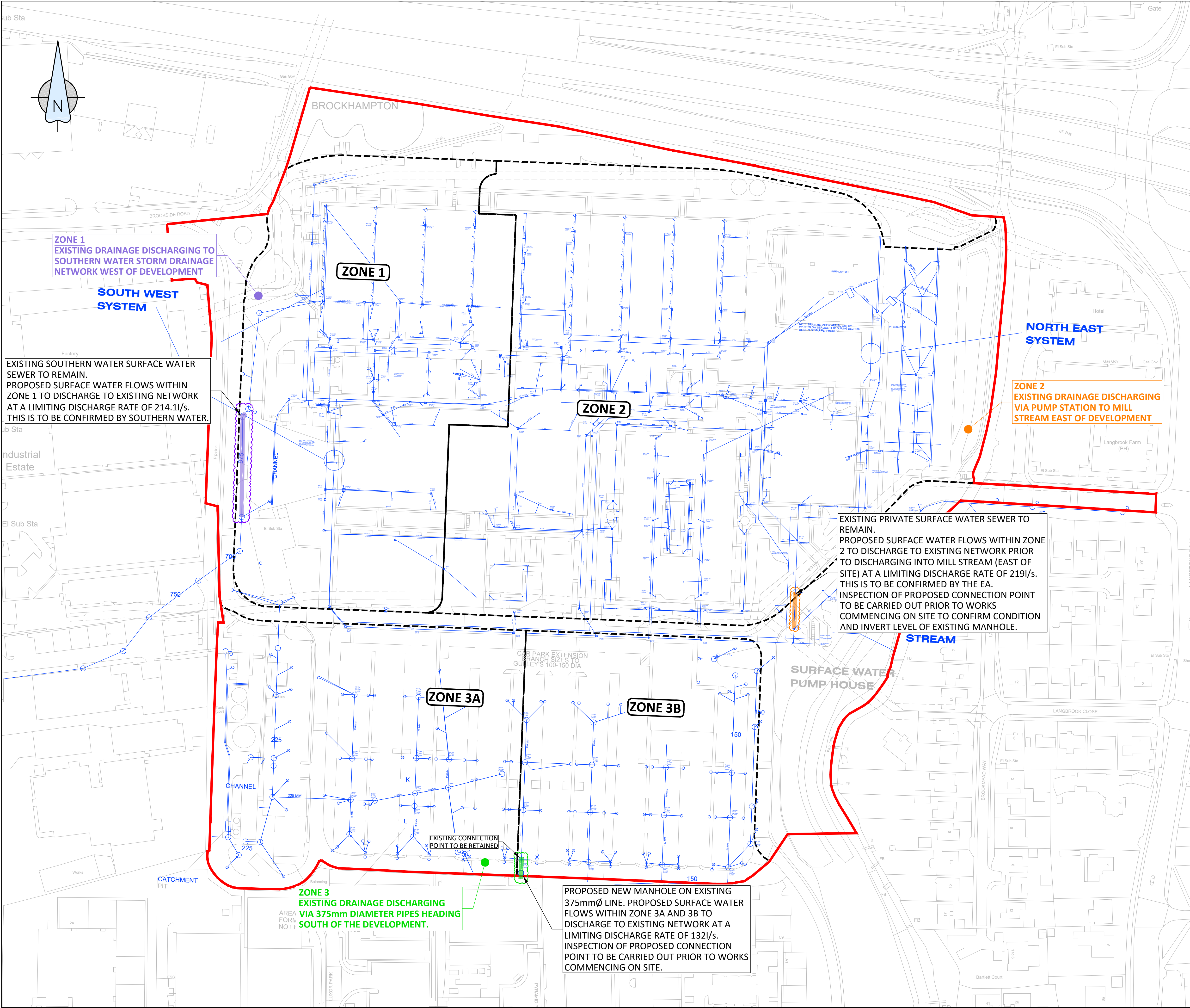
Easting/Northing:
471,290 105,731

Scale:
1:5,000

Date:
11/08/2020



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 5. Any discrepancies noted on site are to be reported to the Engineer immediately.
 6. Background plan based on topographic survey data created by others and supplied for the purpose of carrying out engineering works. We cannot be held responsible for the content, completeness and accuracy provided to us by others. Topographical survey taken from Greenhatch Group plan reference: - Topographical Survey - 38869_T (January 2021).

KEY	
	'ZONE 1' - EXISTING DRAINAGE DISCHARGING TO PUBLIC SEWER
	'ZONE 2' - EXISTING DRAINAGE DISCHARGING TO MILL STREAM
	'ZONE 3' - EXISTING DRAINAGE DISCHARGING TO PRIVATE SEWER

FOR INFORMATION

—	19/05/2021	FIRST ISSUE.	C.R.	—
Rev	Date	Description	By	Chkd

Revision Schedule

Project Title
LANGSTONE TECHNOLOGY PARK MASTERPLAN
Drawing Title
EXISTING STORM DRAINAGE OUTFALL LOCATIONS PLAN

Drawn by	C.R.	Checked by	—	Project Engineer	G.L.
Date	Scale @ A1	Project No.	Drawing No.	Rev	
MAY 2021	1:1000	13023	SK32	—	

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