Appendix A: Classifier defined and non CLP determinands

- **pH** (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

- **chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Conversion factor: 1.462
Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 1B H360FD , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

- **acenaphthene** (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

- **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Skin Irrit. 2 H315

- **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4 H302 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

- **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

- **ethylbenzene** (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

Worst case species based on hazard statements

cadmium {cadmium sulfide}

Worst case species based on hazard statements

chromium in chromium(III) compounds {chromium(III) oxide (worst case)}

Worst case species based on hazard statements

copper {dicopper oxide; copper (I) oxide}

Most likely common species

lead {lead chromate}

Worst case species based on hazard statements

mercury {mercury dichloride}

Worst case species based on hazard statements

nickel {nickel dihydroxide}

Worst case species based on hazard statements

selenium {selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex}

Worst case species based on hazard statements

zinc {zinc chromate}

Worst case species based on hazard statements

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2020.289.4500.8764 (15 Oct 2020)
HazWasteOnline Database: 2020.290.4501.8765 (16 Oct 2020)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Wastes 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
POPs Regulation 2004 - Regulation 850/2004/EC of 29 April 2004
1st ATP to POPs Regulation - Regulation 756/2010/EU of 24 August 2010
2nd ATP to POPs Regulation - Regulation 757/2010/EU of 24 August 2010

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Waste Acceptance Criteria Analytical Results

Report No:	**20-31173**						
					Client:	**BSL**	
Location	**Hostmoor Avenue, March**						
Lab Reference (Sample Number)	1626077 / 1626078				**Landfill Waste Acceptance Criteria Limits**		
Sampling Date	14/09/2020				Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID	WS04						
Depth (m)	0.70						
Solid Waste Analysis							
TOC (%)**	0.5				3%	5%	6%
Loss on Ignition (%) **	2.0				--	--	10%
BTEX (µg/kg) **	< 10				6000	--	--
Sum of PCBs (mg/kg) **	< 0.007				1	--	--
Mineral Oil (mg/kg)	< 10				500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85				100	--	--
pH (units)**	8.5				--	>6	--
Acid Neutralisation Capacity (mol / kg)	31				--	To be evaluated	To be evaluated
Eluate Analysis	10:1			10:1	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg			
Arsenic *	0.0050			0.0455	0.5	2	25
Barium *	0.0076			0.0694	20	100	300
Cadmium *	< 0.0001			< 0.0008	0.04	1	5
Chromium *	0.0007			0.0061	0.5	10	70
Copper *	< 0.0007			< 0.0070	2	50	100
Mercury *	< 0.0005			< 0.0050	0.01	0.2	2
Molybdenum *	< 0.0004			< 0.0040	0.5	10	30
Nickel *	0.0020			0.018	0.4	10	40
Lead *	0.0034			0.031	0.5	10	50
Antimony *	< 0.0017			< 0.017	0.06	0.7	5
Selenium *	< 0.0040			< 0.040	0.1	0.5	7
Zinc *	0.0021			0.019	4	50	200
Chloride *	0.93			8.4	800	15000	25000
Fluoride	0.56			5.1	10	150	500
Sulphate *	3.5			32	1000	20000	50000
TDS*	42			380	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-	-
DOC	5.79			52.7	500	800	1000
Leach Test Information							
Stone Content (%)	< 0.1						
Sample Mass (kg)	1.0						
Dry Matter (%)	87						
Moisture (%)	13						

Results are expressed on a dry weight basis, after correction for moisture content where applicable.
*= UKAS accredited (liquid eluate analysis only)
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation
** = MCERTS accredited

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3.
This analysis is only applicable for landfill acceptance criteria (The Environmental Permitting (England and Wales) Regulations) and does not give any indication as to whether a waste may be hazardous or non-hazardous.

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Waste Acceptance Criteria Analytical Results

Report No:	**20-31173**						
					Client:	**BSL**	
Location	**Hostmoor Avenue, March**						
Lab Reference (Sample Number)	1626079 / 1626080				**Landfill Waste Acceptance Criteria Limits**		
Sampling Date	15/09/2020				Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID	WS05						
Depth (m)	1.20						
Solid Waste Analysis							
TOC (%)**	1.7				3%	5%	6%
Loss on Ignition (%) **	4.2				--	--	10%
BTEX (µg/kg) **	< 10				6000	--	--
Sum of PCBs (mg/kg) **	< 0.007				1	--	--
Mineral Oil (mg/kg)	< 10				500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85				100	--	--
pH (units)**	8.3				--	>6	--
Acid Neutralisation Capacity (mol / kg)	5.0				--	To be evaluated	To be evaluated
Eluate Analysis	10:1			10:1	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg			
Arsenic *	< 0.0011			< 0.0110	0.5	2	25
Barium *	0.0195			0.180	20	100	300
Cadmium *	< 0.0001			< 0.0008	0.04	1	5
Chromium *	0.0043			0.040	0.5	10	70
Copper *	0.0082			0.076	2	50	100
Mercury *	< 0.0005			< 0.0050	0.01	0.2	2
Molybdenum *	< 0.0004			< 0.0040	0.5	10	30
Nickel *	0.0083			0.077	0.4	10	40
Lead *	0.0024			0.023	0.5	10	50
Antimony *	< 0.0017			< 0.017	0.06	0.7	5
Selenium *	< 0.0040			< 0.040	0.1	0.5	7
Zinc *	0.012			0.11	4	50	200
Chloride *	1.2			11	800	15000	25000
Fluoride	0.95			8.8	10	150	500
Sulphate *	3.5			32	1000	20000	50000
TDS*	50			460	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-	-
DOC	14.4			134	500	800	1000
Leach Test Information							
Stone Content (%)	< 0.1						
Sample Mass (kg)	1.2						
Dry Matter (%)	90						
Moisture (%)	10						

Results are expressed on a dry weight basis, after correction for moisture content where applicable. *= UKAS accredited (liquid eluate analysis only)

Stated limits are for guidance only and i2 cannot be held responsible for any discrepencies with current legislation ** = MCERTS accredited

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3.
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Waste Acceptance Criteria Analytical Results

Report No:	**20-31173**						
					Client:	**BSL**	
Location	**Hostmoor Avenue, March**						
Lab Reference (Sample Number)	1626081 / 1626082				**Landfill Waste Acceptance Criteria Limits**		
Sampling Date	16/09/2020				Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID	BH02						
Depth (m)	0.40						
Solid Waste Analysis							
TOC (%)**	1.1				3%	5%	6%
Loss on Ignition (%) **	2.7				--	--	10%
BTEX (µg/kg) **	< 10				6000	--	--
Sum of PCBs (mg/kg) **	< 0.007				1	--	--
Mineral Oil (mg/kg)	< 10				500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85				100	--	--
pH (units)**	7.8				--	>6	--
Acid Neutralisation Capacity (mol / kg)	2.3				--	To be evaluated	To be evaluated
Eluate Analysis	10:1			10:1	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg			
Arsenic *	< 0.0011			< 0.0110	0.5	2	25
Barium *	0.0231			0.205	20	100	300
Cadmium *	< 0.0001			< 0.0008	0.04	1	5
Chromium *	0.0007			0.0063	0.5	10	70
Copper *	0.0088			0.078	2	50	100
Mercury *	< 0.0005			< 0.0050	0.01	0.2	2
Molybdenum *	< 0.0004			< 0.0040	0.5	10	30
Nickel *	0.0050			0.044	0.4	10	40
Lead *	0.0069			0.061	0.5	10	50
Antimony *	< 0.0017			< 0.017	0.06	0.7	5
Selenium *	< 0.0040			< 0.040	0.1	0.5	7
Zinc *	0.0077			0.069	4	50	200
Chloride *	1.8			16	800	15000	25000
Fluoride	0.97			8.6	10	150	500
Sulphate *	6.6			59	1000	20000	50000
TDS*	55			490	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-	-
DOC	16.3			145	500	800	1000
Leach Test Information							
Stone Content (%)	< 0.1						
Sample Mass (kg)	1.0						
Dry Matter (%)	91						
Moisture (%)	8.9						

Results are expressed on a dry weight basis, after correction for moisture content where applicable. *= UKAS accredited (liquid eluate analysis only)

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Waste Acceptance Criteria Analytical Results

Report No:	**20-31173**						
					Client:	**BSL**	
Location	**Hostmoor Avenue, March**						
Lab Reference (Sample Number)	1626083 / 1626084				**Landfill Waste Acceptance Criteria Limits**		
Sampling Date	16/09/2020				Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID	BH02						
Depth (m)	0.90						
Solid Waste Analysis							
TOC (%)**	0.2				3%	5%	6%
Loss on Ignition (%) **	0.8				--	--	10%
BTEX (µg/kg) **	< 10				6000	--	--
Sum of PCBs (mg/kg) **	< 0.007				1	--	--
Mineral Oil (mg/kg)	< 10				500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85				100	--	--
pH (units)**	8.5				--	>6	--
Acid Neutralisation Capacity (mol / kg)	6.0				--	To be evaluated	To be evaluated
Eluate Analysis	10:1			10:1	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg			
Arsenic *	< 0.0011			< 0.0110	0.5	2	25
Barium *	0.0057			0.0512	20	100	300
Cadmium *	< 0.0001			< 0.0008	0.04	1	5
Chromium *	0.0006			0.0051	0.5	10	70
Copper *	0.0029			0.026	2	50	100
Mercury *	< 0.0005			< 0.0050	0.01	0.2	2
Molybdenum *	< 0.0004			< 0.0040	0.5	10	30
Nickel *	0.0013			0.011	0.4	10	40
Lead *	0.0028			0.025	0.5	10	50
Antimony *	< 0.0017			< 0.017	0.06	0.7	5
Selenium *	< 0.0040			< 0.040	0.1	0.5	7
Zinc *	0.011			0.097	4	50	200
Chloride *	< 0.15			< 1.5	800	15000	25000
Fluoride	0.41			3.7	10	150	500
Sulphate *	1.3			11	1000	20000	50000
TDS*	31			280	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-	-
DOC	10.7			96.2	500	800	1000
Leach Test Information							
Stone Content (%)	< 0.1						
Sample Mass (kg)	1.2						
Dry Matter (%)	92						
Moisture (%)	7.7						

Results are expressed on a dry weight basis, after correction for moisture content where applicable. *= UKAS accredited (liquid eluate analysis only)

Stated limits are for guidance only and i2 cannot be held responsible for any discrepencies with current legislation ** = MCERTS accredited

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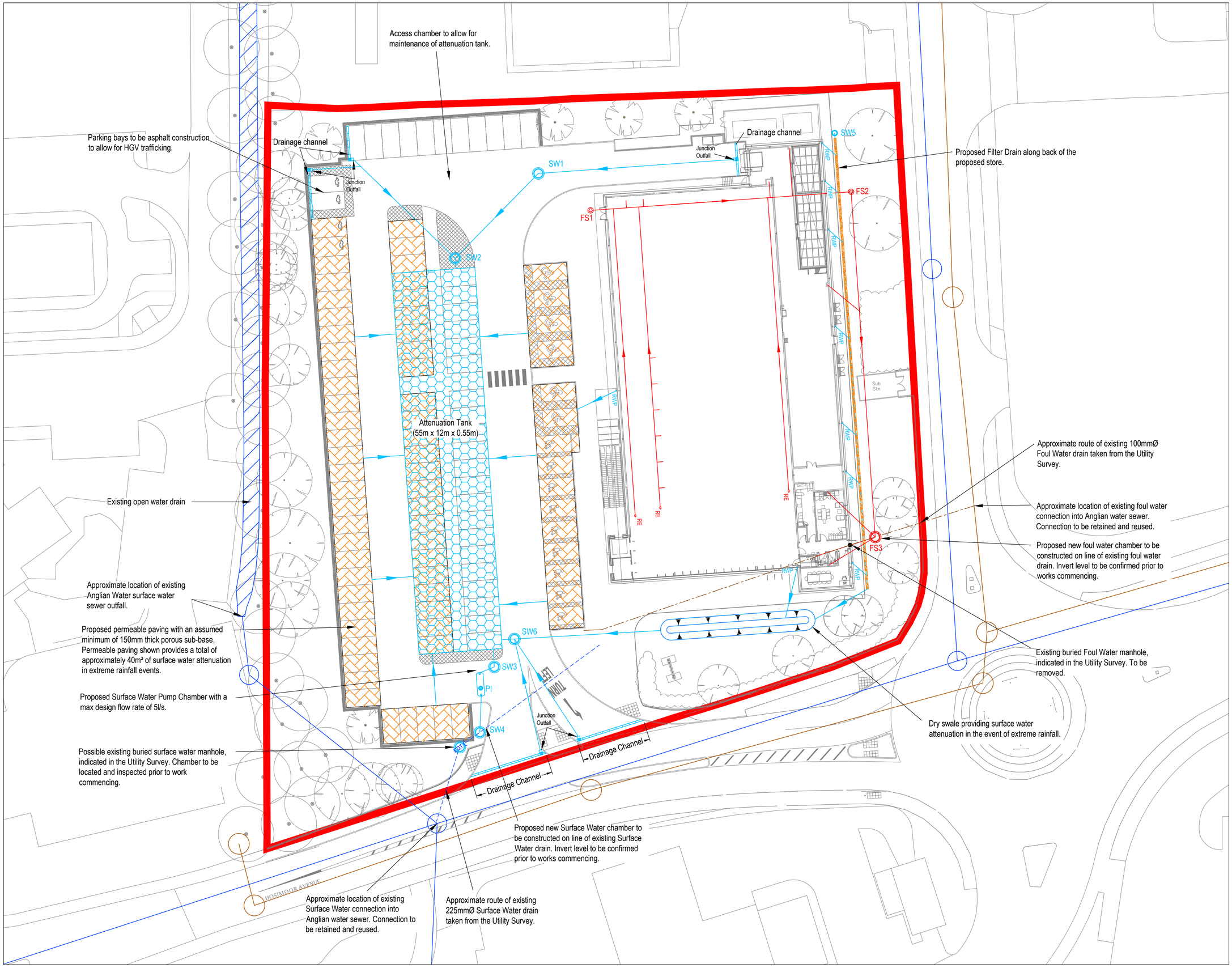
Appendix E



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NOTES

1. Positions, invert levels, pipe diameters, etc of existing drains and adopted sewers to be confirmed prior to commencement of any drainage works. Any discrepancies to be reported back to the Engineer.
2. All channel drains to be installed to manufacturer's recommendations/ requirements. Grating for channel units to be 'Heel Safe' cast iron slotted grid, loading Class D400.
3. All connections to adopted sewers to comply with the current SSG Design and Construction Guidance and any relevant amendments to the document.
4. All underground drainage pipework to be Hepworth PlastiDrain pipes or similar approved.
5. Proposed surface water pumping station SW3 and rising main to be Pims GRP 'Package' Pump Station or similar approved capable of passing a peak flow of 5l/s with a max head TBD. Pump and rising main to be designed and installed to manufacturer's specifications/ requirements with overflow pipe to outfall.
6. Surface water package pump to have dual pump set to duty duty rating.
7. Pumping Stations to have a visual and audible high level warning devices at the control cabinets. Each control cabinet is also to have a GSM remote dialler.
8. Surface Water and Foul Water Drainage connection into sewer is assumed to be by gravity. This is to be confirmed by additional investigations prior to commencement of works. Connection into foul sewer is subject to Section 106 agreement with Anglian Water.
9. All redundant sewers and drains within the Site to be excavated and removed from site

LEGEND

- Existing Public Foul Water Sewer
- Existing Public Surface Water Sewer
- Existing Foul Water Drain
- Existing Surface Water Drain
- Proposed Surface Water Drain.
- Proposed Foul Water Drain.
- Proposed Buried Surface Water Attenuation Tank
- Proposed permeable block paving
- Junction Outfall.
- Site Boundary

Rev	Amendment	Chk'd	Date
P02	SITE LAYOUT UPDATED. DRAINAGE AT ENTRANCE AMENDED TO SUIT.	AJL	23.04.21
P01	ISSUED FOR PLANNING	TJH	18.12.20

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Client
ALDI STORES LTD.

Project Title
PROPOSED ALDI FOODSTORE
HOSTMOOR AVENUE, MARCH

Sheet Title
PROPOSED DRAINAGE LAYOUT

Project Manager	T J HUBBLE	Project No.	3787-313
Drawn By	LB	Checked By	AJL
Scale	1:250	Date Created	08.12.20
Status	S2		

Sheet No.	Revision
3787 313-SMCE-ZZ-XX-DR-D-0100	P02

Appendix F

Surface water storage requirements for sites

www.uksuds.com | Storage estimation tool

Calculated by:	Andrew Leadbetter
Site name:	ALDI March
Site location:	Hostmoor Ave. March

This is an estimation of the storage volume requirements that are needed to meet normal best practice criteria in line with Environment Agency guidance "Rainfall runoff management for developments", SC030219 (2013), the SuDS Manual C753 (Ciria, 2015) and the non-statutory standards for SuDS (Defra, 2015). It is not to be used for detailed design of drainage systems. It is recommended that hydraulic modelling software is used to calculate volume requirements and design details before finalising the design of the drainage scheme.

Site Details

Latitude:	52.56274° N
Longitude:	0.06678° E
Reference:	1680385036
Date:	Dec 07 2020 13:30

Site characteristics

Total site area (ha):	0.86
Significant public open space (ha):	0
Area positively drained (ha):	0.86
Impermeable area (ha):	0.61
Percentage of drained area that is impermeable (%):	71
Impervious area drained via infiltration (ha):	0
Return period for infiltration system design (year):	10
Impervious area drained to rainwater harvesting (ha):	0
Return period for rainwater harvesting system (year):	10
Compliance factor for rainwater harvesting system (%):	66
Net site area for storage volume design (ha):	0.86
Net impermable area for storage volume design (ha):	0.64
Pervious area contribution to runoff (%):	30

* where rainwater harvesting or infiltration has been used for managing surface water runoff such that the effective impermeable area is less than 50% of the 'area positively drained', the 'net site area' and the estimates of Q_{BAR} and other flow rates will have been reduced accordingly.

Methodology

esti	IH124
Q_{BAR} estimation method:	Calculate from SPR and SAAR
SPR estimation method:	Calculate from SOIL type

Soil characteristics

	Default	Edited
SOIL type:	3	3
SPR:	0.37	0.37

Hydrological characteristics

	Default	Edited
Rainfall 100 yrs 6 hrs:	--	63
Rainfall 100 yrs 12 hrs:	--	94.71
FEH / FSR conversion factor:	1.23	1.23
SAAR (mm):	547	547
M5-60 Rainfall Depth (mm):	20	20
'r' Ratio M5-60/M5-2 day:	0.4	0.4
Hydological region:	5	5
Growth curve factor 1 year:	0.87	0.87
Growth curve factor 10 year:	1.65	1.65
Growth curve factor 30 year:	2.45	2.45
Growth curve factor 100 years:	3.56	3.56
Q_{BAR} for total site area (l/s):	1.85	1.85
Q_{BAR} for net site area (l/s):	1.85	1.85

Design criteria

Climate change allowance factor:	1.2
Urban creep allowance factor:	1.0
Volume control approach	Flow control to max of 2 l/s/ha or Qbar
Interception rainfall depth (mm):	5
Minimum flow rate (l/s):	5

Site discharge rates

	Default	Edited
1 in 1 year (l/s):	5	5
1 in 30 years (l/s):	5	5
1 in 100 year (l/s):	5	5

Estimated storage volumes

	Default	Edited
Attenuation storage 1/100 years (m³):	399	399
Long term storage 1/100 years (m³):	0	0
Total storage 1/100 years (m³):	399	399

This report was produced using the storage estimation tool developed by HRWallingford and available at www.uksuds.com. The use of this tool is subject to the UK SuDS terms and conditions and licence agreement, which can both be found at http://uksuds.com/terms-and-conditions.htm. The outputs from this tool have been used to estimate storage volume requirements. The use of these results is the responsibility of the users of this tool. No liability will be accepted by HR Wallingford, the Environment Agency, CEH, Hydrosolutions or any other organisation for the use of these data in the design or operational characteristics of any drainage scheme.

Appendix G

Operational Maintenance Specification for Aldi Store Drainage Systems

Aldi Stores Ltd are to ensure that regular inspection of the drainage systems are carried out, the inspections are logged and any remedial work necessary at the time of inspection is completed to ensure continued satisfactory operation of the designed system.

Planned Preventative Maintenance

As a minimum, the maintenance Contractor appointed by Aldi should complete the following scope of works during the planned bi-annual preventative maintenance inspection:

- **Internal Drainage**
  a) Clean all internal drainage points.
  b) Clean strainer bucket or grills in cleaners sink, welfare block and warehouse.
  c) Disinfect all internal floor gully traps.

- **External Drainage**
  a) Check for satisfactory operation of external foul and surface water drainage systems and report any defects.
  b) Clean out channel draining system including jet washing if required.
  c) Clean out rainwater gullies/channels.
  d) Clean out rainwater guttering

Proposed ALDI Foodstore, March
Maintenance Specification

Permeable Paving

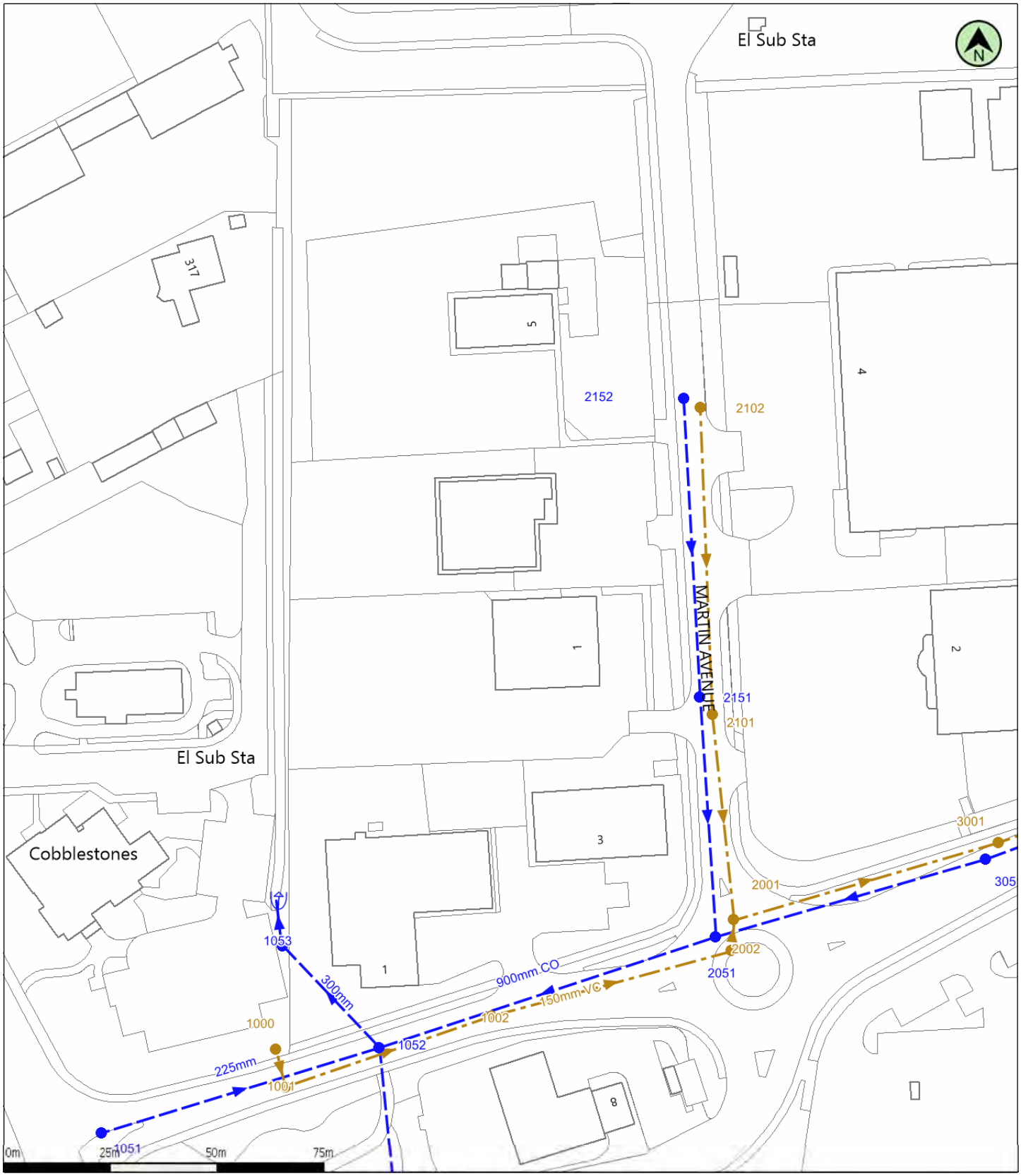
Maintenance Schedule	Required Action	Typical Frequency
Regular Maintenance	Brushing and vacuuming (standard cosmetic sweep over whole surface	Once a year, after autumn leaf fall, or reduced frequency as required, based on site-specific observations of clogging or manufacturers recommendations – pay particular attention to areas where water runs onto pervious surface from adjacent impermeable areas as this area is most likely to collect the most sediment
Occasional Maintenance	Stabilise and mow contributing and adjacent areas	As required
	Removal of weeds or management using glyphosate applied directly into the weeds by an applicator rather than spraying	As required – once per year on less frequently used pavements
Remedial Actions	Remediate any landscaping which, through vegetation maintenance or soil slip, has been raised to within 50mm of the level of the paving	As required
	Remedial work to any depressions, rutting and cracked or broken blocks considered detrimental to the structural performance or a hazard to users, and replace lost jointing material	As required
	Rehabilitation of surface and upper substructure by remedial sweeping	Every 10 to 15 years or as required (if infiltration performance is reduced due to significant clogging)
Monitoring	Initial inspection	Monthly for 3 months after installation
	Inspect for evidence of poor operation and/or weed growth – if required, take remedial action	Three-monthly, 48h after large storms in first six months
	Inspect silt accumulation rates and establish appropriate brushing frequencies	Annually
	Monitor inspection chambers	Annually

Proposed ALDI Foodstore, March
Maintenance Specification

Swale/Underdrained Swale

Maintenance Schedule	Required Action	Typical Frequency
Regular Maintenance	Remove litter including leaf litter and debris from filter drain surface, access chambers and pre-treatment devices	Monthly (or as required)
	Inspect swale surface, inlet/outlet pipework and control systems for blockages, clogging, standing water and structural damage	Monthly
	Inspect pre-treatment systems, inlets and perforated pipework for silt accumulation, and establish appropriate silt removal frequencies	Six monthly
	Remove sediment from pre-treatment devices	Six monthly, or as required
Occasional Maintenance	Remove or control tree roots where they are encroaching the sides of the swale, using recommended methods (eg NJUG, 2007 or BS 3998:2010)	As required
	At locations with high pollution loads, remove surface geotextile and replace, and wash or replace overlying filter medium	Five yearly, or as required
	Clear perforated pipework of blockages	As required

Appendix H



(c) Crown copyright and database rights 2019 Ordnance Survey 100019209	Scale: 1:1250	Date: 17/09/19	Wastewater Plan A4
Data updated: 02/09/19	Map Centre: 540197,298152	Our Ref: 333429 - 2	Powered by digdat

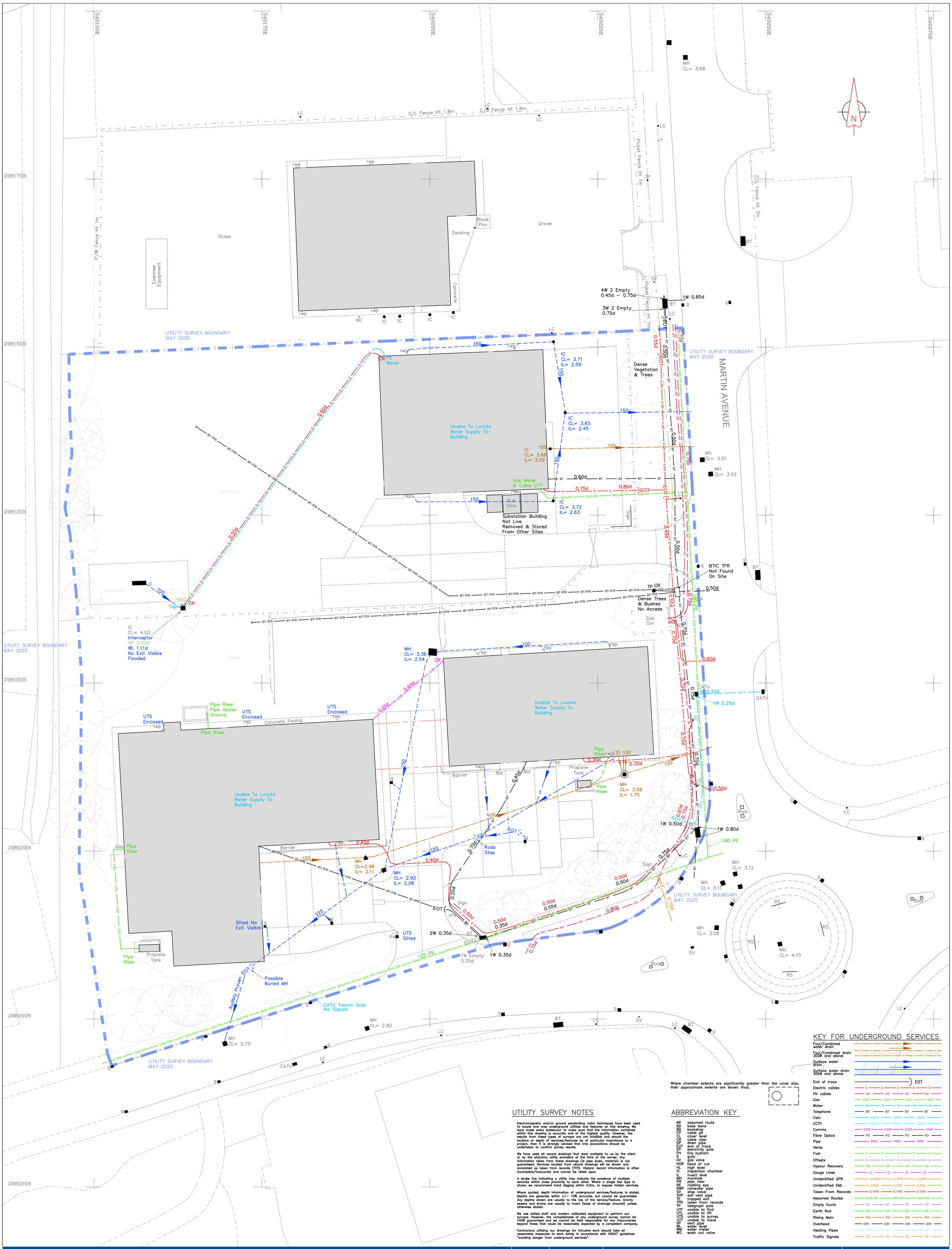
Foul Sewer
Surface Sewer
Combined Sewer
Final Effluent
Rising Main*
Private Sewer*
Decommissioned Sewer*
Outfall*
Inlet*
Manhole*
Sewage Treatment Works
Public Pumping Station
Decomissioned Pumping Station
*(Colour denotes effluent type)

emma.bayliss@svsltd.net

Hotsmoor

This plan is provided by Anglian Water pursuant its obligations under the Water Industry Act 1991 sections 198 or 199. It must be used in conjunction with any search results attached. The information or this plan is based on data currently recorded but position must be regarded as approximate. Service pipes, private sewers and drains are generally not shown. Users of this map are strongly advised to commission their own survey of the area shown on the plan before carrying out any works. The actual position of all apparatus MUST be established by trial holes. No liability whatsoever, including liability for negligence, is accepted by Anglian Water for any error or inaccuracy or omission, including the failure to accurately record, or record at all, the location of any water main, discharge pipe, sewer or disposal main or any item of apparatus. This information is valid for the date printed. This plan is produced by Anglian Water Services Limited (c) Crown copyright and database rights 2019 Ordnance Survey 100022432.This map is to be used for the purposes of viewing the location of Anglian Water plant only. Any other uses of the map data or further copies is not permitted. This notice is not intended to exclude or restrict liability for death or personal injury resulting from negligence.

Manhole Reference	Liquid Type	Cover Level	Invert Level	Depth to Invert
1000	F	-	-	-
1001	F	-	-	-
1002	F	-	-	-
2001	F	-	-	-
2002	F	-	-	-
2101	F	-	-	-
2102	F	-	-	-
3001	F	-	-	-
1051	S	-	-	-
1052	S	-	2.4	-
1053	S	-	-	-
2051	S	-	-	-
2151	S	-	-	-
2152	S	-	-	-
3051	S	-	-	-



KEY FOR UNDERGROUND SERVICES

Foul/Combined water drain	
Foul/Combined drain 300Ø and above	
Surface water drain	
Surface water drain 300Ø and above	
End of trace	EOT
Electric cables	E
HV cables	HV
Gas	GAS
Water	W
Telephone	BT
Catv	CATV
CCTV	CCTV
Comms	COM
Fibre Optics	FO
Pipe	PIPE
Vents	V
Fuel	F
Offsets	O
Vapour Recovery	VR
Gauge Lines	G
Unidentified GPR	U-GPR
Unidentified EML	U-EML
Taken From Records	E-TFR
Assumed Routes	GAS-AR
Empty Ducts	ED
Earth Rod	ER
Rising Main	RM
Overhead	O/H
Heating Pipes	HP
Traffic Signals	TS

Where chamber extents are significantly greater than the cover size, their approximate extents are shown thus;

UTILITY SURVEY NOTES

Electromagnetic and/or ground penetrating radar techniques have been used to locate and map underground utilities and features on this drawing. We have made every endeavour to make sure that the information contained within this drawing is accurate and of the highest quality. However, the results from these types of surveys are not infallible and should the location or depth of services/features be of particular importance to a project, then it is strongly advised that trial excavations should be undertaken to confirm survey results.

We have used all record drawings that were available to us by the client or by the statutory utility providers at the time of the survey. Any information taken from these drawings (ie pipe sizes, material) is not guaranteed. Services located from record drawings will be shown and annotated as taken from records (TFR). Historic record information is often incomplete/inaccurate and cannot be relied upon.

A single line indicating a utility may indicate the presence of multiple services within close proximity to each other. Where a single line type is shown we recommend hand digging within 0.5m, to expose hidden services.

Where quoted, depth information of underground services/features is stated. Depths are generally within +/– 10% accurate, but cannot be guaranteed. Any depths shown are usually to the top of the service/feature. Gravity sewers and drains are usually to invert (base of drainage channel) unless otherwise stated.

We use skilled staff and modern calibrated equipment to perform our surveys. However, the completeness of any underground survey cannot be 100% guaranteed and we cannot be held responsible for any inaccuracies beyond those that could be reasonably expected by a competent company.

Contractors utilising our drawings for intrusive work should take all reasonable measures to work safely in accordance with HSG47 guidelines "avoiding danger from underground services".

ABBREVIATION KEY

AR	assumed route
BD	base bend
BD	backdrop
CP	cable pit
CL	cover level
CR	cable riser
DP	down pipe
EOT	end of trace
EP	electricity pole
FH	fire hydrant
G	gully
GV	gas valve
HOR	head of run
HL	high level
IC	inspection chamber
IL	invert level
MH	manhole
PR	pipe riser
RE	rodding eye
RWP	rainwater pipe
SV	stop valve
SVP	soil vent pipe
TE	trapped exit
TFR	taken from records
TP	telegraph pole
UTF	unable to find
UTL	unable to lift
UTS	unable to survey
UTT	unable to trace
VP	vent pipe
WL	water level
WM	water meter
WO	wash out valve

Northampton
4 Ironstone Way, Brixworth,
Northampton. NN6 9UD
T: 01604 781811

Manchester
3rd Floor, 82 King Street,
Manchester. M2 4WQ
T:0161 6822927

Milton Keynes
Suite 25 Linford Forum, Rockingham Drive,
Linford Wood, Milton Keynes. MK14 6LY
T: 01908 889433

E: mail@jppuk.net
W: jppuk.net

- Infrastructure Design
- Structural Engineering
- Planning Services
- Geotechnical & Environmental
- Surveying
- Professional Advice

Drawn By:	JG	**Client**	SMP
Chkd By:	TB	**Project**	Hostmoor Avenue, March
Scale @ A1:	1:200		
Date:	May 2020	**Title**	Utility Survey
Status:	FOR INFORMATION		
Project No.:	20221Y	Drawing No: 03	**Rev:**

jpp

SITE VISION

SURVEYS

WWW.SVSLTD.NET

Desktop Search

Version: 1

Date: 25-09-2019

Client: Stirling Maynard

Job Ref: 0919-SML-12695

Site: 1-3 Hostmoor Avenue
March Trading Estate
March
PE15 0AY

Co-ords: (540189, 298181)

Site Vision Surveys Ltd has taken all reasonable steps, within the timescales, to obtain the most robust information in this report but accepts no liability for the accuracy of such information or report and in addition to any limitation of liability under its Standard Terms and Conditions.

These services are provided subject to our Standard Terms and Conditions.
This report is for the private and confidential use of the client for whom the report is undertaken and should not be reproduced in whole or in part or relied upon by third parties for any use whatsoever without the express authority of Site Vision Surveys Ltd.

Contents

1.0 **Introduction**

1.1 Purpose of Report
1.2 Report Objectives

2.0 **Site Location & Description**

2.1 Location
2.2 Description

3.0 **Utility Information**

3.1 List of Utility Providers
3.2 Summary of Findings

4.0 **Appendices**

A. Site Location Plan
B. Affected Utility Service Provider Correspondence
C. Unaffected Utility Service Provider Correspondence

1.0 Introduction

1.1 Purpose of Report

Site Vision Surveys Ltd has been instructed by its client, Nicholls Colton Group, to collate and assess existing utility services information for the site at Hostmoor Avenue .

1.2 Report Objectives

The report highlights the position and route of existing buried services infrastructure held on record.

2.0 Site Location & Description

2.1 Location

The boundaries are indicated on the site location plan in Appendix A.

2.2 Description

The site consists of a multiple buildings and associated land.

3.0 Utility Information

3.1 List of Utility Providers.

Electricity

Provider	Contacted	Responded	Affected
UK Power Networks (EDF)	Yes	Yes	Yes
SSE			
CE Electric			
Electricity North West			
E-ON			
United Utilities			
Northern Power Grid			
Scottish Power			
WPD			

Gas

Provider	Contacted	Responded	Affected
Scotia			
WWU			
Cadent - National Grid	Yes	Yes	Yes
Northern Gas			
Southern Gas			

Water

Provider	Contacted	Responded	Affected
Severn Trent Water			
Thames Water			
Yorkshire Water			
Northumbrian Water			
Southern Water			
Anglian Water	Yes	Yes	Yes
South West Water			
Welsh Water			
Essex & Suffolk Water			
South East Water			
Bournemouth Water			
Wessex Water			
United Utilities			

Other

Provider	Contacted	Responded	Affected
BT	Yes	Yes	Yes
City Fibre	Yes	Yes	No
Colt	Yes		
Energetics	Yes	Yes	No
ENGIE	Yes		
euNetwork Fibre	Yes	Yes	No
GTC	Yes	Yes	No
Instalcom-Century Link	Yes	Yes	No
Interoute	Yes		
KCOM	Yes	Yes	No
Linesearch	Yes	Yes	Yes
MBNL	Yes	Yes	No
Sky UK	Yes	Yes	No
SOTA	Yes		
Telent	Yes	Yes	No
Utility Assets	Yes		
Verizon	Yes	Yes	No
Virgin Media	Yes	Yes	No nearby
Vodafone	Yes	Yes	No

3.2 Summary of Findings.

The following companies have assets within or close to the site boundaries as shown in Appendix A.

- Linesearch
- UK Power Networks
- CADENT
- Anglian Water
- BT

The following companies have been contacted and have not responded:

- Colt
- Interoute
- ENGIE
- SOTA
- Utility assets

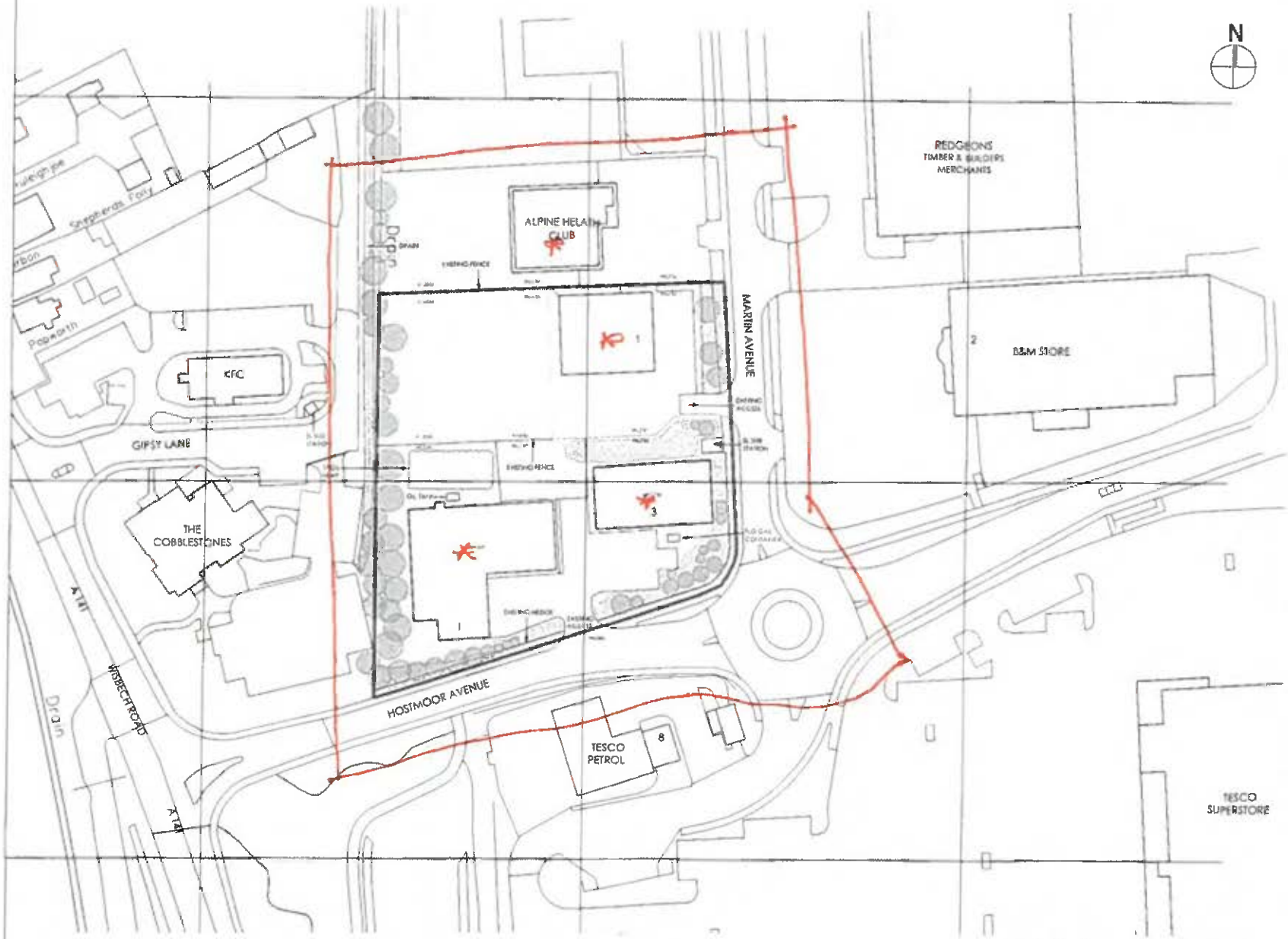
4.0 Appendices

Appendix A

Site Location Plan

SUBJECT TO SITE SURVEY, CONFIRMATION OF LEGAL BOUNDARIES, SITE CONSTRAINTS & HIGHWAYS

THE HARRIS GROUP LTD DOES NOT ACCEPT LIABILITY FOR ANY DEVIATION TO OUR DRAWINGS OR SPECIFICATION.



KEY:

ALDI SITE AREA 8,662 SQM; 2.14 ACRES; 0.86 HECTARES

DENOTES ESTIMATED EXISTING TREES

DENOTE ESTIMATED EXISTING HEDGES

11-09.19
EXTENT OF THP
TOYO REQUIREMENTS

* EXTERNAL ELEVATION OF EXISTING BUILDINGS.

Rev	Date	Description	Rev by	Chk by
B	22.07.19	[illegible]	MP	JPG

ALDI

Project Title	PROPOSED ALDI FOODSTORE UNIT 1-3 HOSTMOOR AVENUE MARCH TRADING PARK MARCH PE15 0AX
Client	ALDI STORES LIMITED - CHELMSFORD
Status	FEASIBILITY
Scale	1:1000 — Drawing Size A3
Date	02/05/2019 — Drawn by SR — Checked JPG
Drawing Title	EXISTING SITE PLAN
Drawing No	2909-CHE-001 — Rev. B

THE HARRIS PARTNERSHIP ARCHITECTS

CAD file reference 2909-CHE-001-B

The drawing is copyright and may not be reproduced in whole or part without written authority. Do not scale off this drawing.

4.0 Appendices

Appendix B

Affected Utility Service Providers Correspondence

Registered Office:
Newington House
237 Southwark Bridge Road
London SE1 6NP

Registered in England and Wales No: 3870728

Company:
UK Power Networks (Operations) Limited

Our Ref: 16502414 Your Ref: 0919-SML-12695

Tuesday, 17 September 2019

Louise Cox
19 Warwick Street 19 Warwick Street
Rugby
Warwickshire
CV21 3DH

Dear Louise Cox

Thank you for contacting us regarding UK Power Networks equipment at the above site. I have enclosed a copy of our records which show the electrical lines and/or electrical plant. I hope you find the information useful.

I have also enclosed a fact sheet which contains important information regarding the use of our plans and working around our equipment. Safety around our equipment is our number one priority so please ensure you have completed all workplace risk assessments before you begin any works.

Should your excavation affect our Extra High Voltage equipment (6.6 KV, 22 KV, 33 KV or 132 KV), please contact us to obtain a copy of the primary route drawings and associated cross sections.

If you have any further queries do not hesitate to contact us.

Plan Provision
0800 056 5866

Registered Office:
Newington House
237 Southwark Bridge Road
London SE1 6NP

Registered in England and Wales No: 3870728

Company:
UK Power Networks (Operations) Limited

This information is made available to you on the terms set out below. If you do not accept the terms of use set out in this fact sheet please do not use the plans and return them to UK Power Networks.

1. UK Power Networks does not warrant that the information provided to you is correct. You rely upon it at your own risk.

2. UK Power Networks does not exclude or limit its liability if it causes the death of any person or causes personal injury to a person where such death or personal injury is caused by its negligence.

3. Subject to paragraph 2 UK Power Networks has no liability to you in contract, in tort (including negligence), for breach of statutory duty or otherwise how for any loss, damage, costs, claims, demands, or expenses that you or any third party may suffer or incur as a result of using the information provided whether for physical damage to property or for any economic loss (including without limitation loss of profit, loss of opportunity, loss of savings, loss of goodwill, loss of business, loss of use) or any special or consequential loss or damage whatsoever.

4. The information about UK Power Networks electrical plant and/or electric lines provided to you belongs to and remains the property of UK Power Networks. You must not alter it in any respect.

5. The information provided to you about the electrical plant and/or electric lines depicted on the plans may NOT be a complete record of such apparatus belonging to UK Power Networks. The information provided relates to electric lines and/or electrical plant belonging to UK Power Networks that it believes to be present but the plans are not definitive: other electric lines and/or electrical plant may be present and that may or may not belong to UK Power Networks.

6. Other apparatus not belonging to UK Power Networks is not shown on the plan. It is your responsibility to make your own enquiries elsewhere to discover whether apparatus belonging to others is present. It would be prudent to assume that other apparatus is present.

7. You are responsible for ensuring that the information made available to you is passed to those acting on your behalf and that all such persons are made aware of the contents of this letter.

8. Because the information provided to you may not be accurate, you are recommended to ascertain the presence of UK Power Networks electric lines and/or electrical plant by the digging of trial holes. Trial holes should be dug by hand only.

   Excavations must be carried out in line with the Health and Safety Executive guidance document HSG 47. We will not undertake this work. A copy of HSG 47 can be obtained from the Health and Safety Executives website.

   All electric lines discovered must be considered LIVE and DANGEROUS at all times and must not be cut, resited, suspended, bent or interfered with unless specially authorised by UK Power Networks.

   The electric line and electrical plant belonging to UK Power Networks remains so even when made dead and abandoned and any such electric line and/or electrical plant exposed shall be reported to UK Power Networks.

   Where your works are likely to affect our electric lines and/or electrical plant an estimate of the price of any protective /diversionary works can be prepared by UK Power Networks Branch at Metropolitan House, Darkes Lane, Potters Bar, Herts. , EN6 1AG, telephone no. 0845 2340040

Registered Office:
Newington House
237 Southwark Bridge Road
London SE1 6NP

Registered in England and Wales No: 3870728

Company:
UK Power Networks (Operations) Limited

9 Any work near to any overhead electricity lines must be carried out by you in accordance with the Health and Safety Executive guidance document GS6 and the Electricity at Work Regulations.

The GS6 Recommendations may be purchased from HSE Books or downloaded from the Energy Networks Association's website.

If given a reasonable period of prior notice UK Power Networks will attend on site without charge to advise how and where "goal posts" should be erected. If you wish to use this service, in the first instance please telephone: 0845 6014516 between 08:30 and 17:00 Monday to Friday.

10. You are responsible for the security of the information provided to you. It must not be given, sold or made available upon payment of a fee to a third party.

11. If in carrying out work on land in, on, under or over which is installed an electric line and/or electrical plant that belongs to UK Power Networks you and/or anyone working on your behalf damages (however slightly) that apparatus you must inform immediately UK Power Networks by our emergency 24 hour three digit telephone number **105** providing;

- your name, address and telephone number;
- the date, time and place at which such damage was caused;
- a description of the electric line and/or electrical plant to which damage was caused;
- the name of the person whom it appears to you is responsible for that damage;
- the nature of the damage.

12. The expression "UK Power Networks" includes UK Power Networks (EPN) plc, UK Power Networks (LPN) plc, UK Power Networks (SEPN) plc, UK Power Networks and any of their successors and predecessors in title.

Desktop

From: ukpowernetworks@safedigs.co.uk
Sent: 17 September 2019 15:06
To: Desktop
Subject: Plant Enquiry Ref Job No. 16502414

17/09/2019

LinesearchbeforeUdig ref: 16502414

Your ref: 0919-SML-12695

Dear Sir/Madam,

Thank you for contacting us

Please see attached information specific to your enquiry:

1. Plan (Please print in colour) Download attachments from the following location (please note this link is valid for 72 hours) : https://plans.safedigs.co.uk/eBlkEN0Q1E5IjE339EpF/UKPN_Plant_Enquiry_16502414.zip
2. Letter
3. Other safety related information : Think+before+you+dig+underground.pdf

The Plan is an extract from our mains records of the proposed work area enclosed for your guidance. This plan only shows the cables and overhead lines owned by UK Power Networks. Please note that privately owned electricity cables or ones owned by other Independent Network Operators may be present in this area and information regarding those cables needs to be requested from the owners.

The accuracy of the information shown on this plan cannot be guaranteed. Please read the information and disclaimer on these plans carefully. The information included on the plan is only valid for 3 months however please note our data is updated daily.

A colour copy of these plans and the safety advice booklet enclosed should be passed to the senior person on site in order to prevent damage to our plant and potential direct or consequential costs to your organisation.

Safe digging practices, in accordance with HSE publication HSG47 "Avoiding Danger from Underground Services" must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all relevant people (direct labour or contractors) working for you on or near electricity assets.

Damage to our cables can be extremely dangerous for your employees and the general public.

If you require any further information please contact the number below.

Yours sincerely,

UK Power Networks
Plan Provision Team
0800 0565 866 Opt 1
plans@ukpowernetworks.co.uk

Network Records NetMAP Symbols Booklet - East of England

This symbol booklet is intended as a general guide only - some local variations of these symbols may be found.

Version 1.2

Released October 2010

Always check with your local Network Records office or the UK Power Networks server to ensure that you are using the most up to date copy of this booklet - Tel: 08000 565866.

Index:-

Page no:		Contents:
1	.....	Guidance notes.
2	.....	The area covered by this guide.
3	1:500 view	
	.....	Scenery.
4	.....	Scenery (UK Power Networks use only).
7	.....	Primary distribution cables (EHV).
8	.....	Secondary distribution cables (HV/LV).
9	.....	Service cables/terminations.
10	.....	Cable ducts.
11	.....	EHV/HV/LV sites.
13	.....	Mains joints.
14	.....	Service joints.
15	.....	Cross sections.
17	.....	Common abbreviations/terminology (all views).
19	1:2500 (LV) & 1:10000 (HV) network views (UK Power Networks use only).	
	.....	General.
20	.....	1:2500 scale LV network.
22	.....	1:10000 scale HV network.
23	LV network diagram view (UK Power Networks use only).	
	.....	Overhead lines.
24	.....	Underground cables.
25	.....	Joints.
26	.....	Substations/pole transformers.

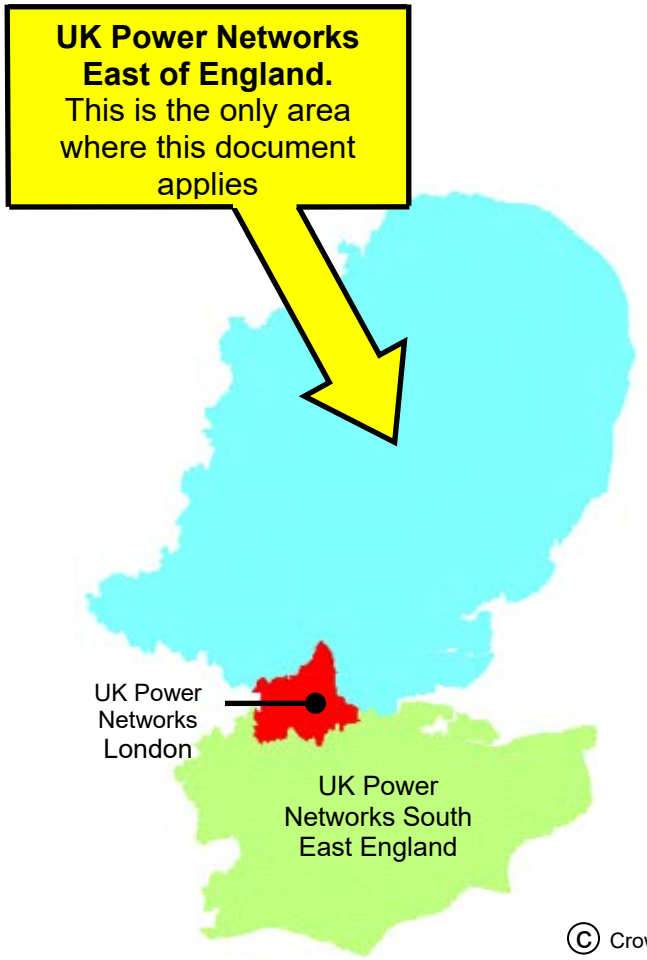
Guidance notes.

Important notice:
If you do not understand the NetMAP record that you are using, please contact the UK Power Networks Network Records team for guidance
Tel: 08000 565866.

- The position of apparatus shown on NetMAP is believed to be correct, but the original landmarks may have altered since the apparatus was installed.
- It must be assumed that there is at least one service to each property, lamp column, street sign etc.
- All cables must be treated as live, unless proven otherwise by an authorised UK Power Networks representative.
- Third party cables are not usually shown. In cases of doubt, please telephone 08000 565866.
- When two or more maps are supplied for the same area, the maps must be read in conjunction with each other and with this symbol document.
- All LV cables are assumed to be 4 core, and all HV cables assumed to be 3 core unless otherwise stated.

Plan Provision Team
Fore Hamlet
Ipswich
Suffolk IP3 8AA
Tel: 08000 565866

The area covered by this guide:



© Crown Copyright

1:500 view - underground network

Scenery

NetMAP system	Scanned image	Description
		100 metre Ordnance Survey grid line (on O/S based maps only.)
		Property fence line
		Building line
		Kerb line
		Electrical Boundary

Scenery - for UK Power Networks use only - boxed in red

NetMAP system	Scanned image	Description
Inset Network – Contact xxxx IDNO for further information	Not applicable	Area of inset network - not the asset of UK Power Networks (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Proposed Cross Rail route (only visible to UK Power Networks and their immediate contractors)
	Not applicable	High pressure pipelines in the general vicinity (only visible to UK Power Networks and their immediate contractors)

Note: Pipelines are only viewable on NetMAP by UK Power Networks staff and their immediate contractors. Do not carry out any excavation without consent from the relevant agency - legally protected high pressure petroleum products pipeline route in the general vicinity - consult www.linewatch.co.uk for contacts and guidance. Pipeline contact numbers can also be found on the intranet – out of hours, contact our Control Centre.

	Not applicable	Water - surface water (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Water - Source Protection Zone 1 (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Water - Source Protection Zone 2 (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Water - Source Protection Zone 3 (only visible to UK Power Networks and their immediate contractors)

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Scenery for UK Power Networks use only - boxed in red

NetMAP system	Scanned image	Description
	Not applicable	Historical - Scheduled Monuments (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Historical - Parks and Gardens (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Historical - Areas of Archaeological Potential (AAP) (only visible to E UK Power Networks and their Immediate contractors)
	Not applicable	Nature - Ramsar Wetlands of International Importance (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - Special Area of Conservation (SAC) (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - Special Protected Area (SPA) (only visible to UK Power Networks and their immediate contractors)
	AM 200	Nature - Site of Special and Scientific Interest (SSSI) (only visible to UK Power Networks and their immediate contractors)

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Scenery for UK Power Networks use only - boxed in red

NetMAP system	Scanned image	Description
	Not applicable	Nature - Local Nature Reserve (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - National Nature Reserve (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - Area of Outstanding Natural Beauty (AONB) (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Nature - National Park (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Fluid filled cables - very high sensitivity (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Fluid filled cables - high sensitivity (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Fluid filled cables - medium sensitivity (only visible to UK Power Networks and their immediate contractors)
	Not applicable	Fluid filled cables - low sensitivity (only visible to UK Power Networks and their immediate contractors)

Primary distribution cables (1:500 view)

NetMAP system	Scanned image	Description
		Over 33kV and up to 132kV
		Over 11kV and up to 33kV

Secondary distribution cables (1:500 view)

NetMAP system	Scanned image	Description
		Over 230/400V and up to 11kV (HV) cable route
		230/400V (LV) cable route
	(Only shown this way if independent from HV cable route)	Pilot cable route

Abandoned cables are shown and labelled as such when applicable