[illegible]

ASSET LEGEND	
VOLTAGE UNKNOWN	EXTRA HV
STATUS LIGHTING	HIGH VOLTAGE
TRAFFIC CONTROL	LOW VOLTAGE
COMPED AIR	GAZ LIP
HEATING	GAZ MP
CONDENSATE	GAZ HP
WATER	FUEL
WATER WINDING	FIRE MAN
BRITISH TELECOM	CCTV
COLT	DATA
GR	ELU NETWORKS
LEVEL 3	INTER ROUTE
NETA MEDIA	NETA MEDIA
VERISON	YODFONE
SKY TELECOM	ZELO TELECOM
TELEAT	NEOS
GENERAL COMBES	LMN
COMBINED	HYDRAULICS
POOL WATER	EMPT DUCT
SURFACE WATER	UNKNOWN
GRIP M COVER	CHASSIS
GRIP VOID	
CONCRETE	

PAS 128:2022 QUALITY LEVELS

QL-D	Asset added from records
QL-C	Asset added from site reconnaissance
QL-B4	Asset shown as assumed route
QL-B3	Same as "B3" including GPR data post-processing
QL-B5	Asset located horizontally by one technique only
QL-B2P	Same as "B2" including GPR data post-processing
QL-B2	Asset located horizontally and vertically by one technique only
QL-B1P	Same as "B1" including GPR data post-processing
QL-B1	Asset located horizontally and vertically by multiple techniques
QL-A	Asset located by physical verification

Where details are recorded at inspection covers such as depths, pipe sizes, numbers of ducts etc, these are classified as QL-A.

UNDERGROUND SERVICES SURVEY CAVEATS

This Underground Service System is a PAS18-2020 compliant type B MOP survey.

The user or reviewer of the survey data understands and acknowledges that the information may contain errors or omissions, and the user or recipient assumes full responsibility for any errors or data readings resulting from, arising from or in connection with the use of the information.

Multiple methods of detection have been used in the location and identification of underground services. The use of the following methods does not constitute a warranty of the accuracy of the information. The user or recipient assumes full responsibility for any errors or data readings resulting from, arising from or in connection with the use of the information.

Power Cables control: With any uncertainty in the provided data we strongly recommend that the user or recipient should verify the location of the service by other means.

All reasonable effort has been made in searching available record drawings but the user or recipient acknowledges that the information may contain errors or omissions. The design is made on as built for the surface wall inspection. Any new design or construction shall be subject to the current permission from the local Water Authority before commencing work.

GPR anomalies located on site or from post processed data must be deemed as a guide only and not a guarantee. The user or recipient assumes full responsibility for any errors or data readings resulting from, arising from or in connection with the use of the information.

Ground Penetrating Radar results are dependent on many influencing factors. It is notable that GPR is ineffective on cables and/or anomalies 50mm in diameter or less, and/or anomalies that are not reflective. The user or recipient assumes full responsibility for any errors or data readings resulting from, arising from or in connection with the use of the information.

The user or recipient acknowledges that the information may contain errors or omissions. The design is made on as built for the surface wall inspection. Any new design or construction shall be subject to the current permission from the local Water Authority before commencing work.

Drainage sampling of this deliverable should be undertaken in accordance with the PAS18-2020 compliant Underground Utility Survey Report.

Unless otherwise stated drainage pipes are typically drawn at D100mm, other pipes are drawn at D150mm, D200mm, D225mm, D240mm, High Voltage Cables, and other cables are drawn at 110kV, 132kV, 175kV, 220kV, 275kV, 330kV, 380kV, 400kV, 500kV, 600kV, 700kV, 800kV, 900kV, 1000kV, 1100kV, 1200kV, 1300kV, 1400kV, 1500kV, 1600kV, 1700kV, 1800kV, 1900kV, 2000kV, 2100kV, 2200kV, 2300kV, 2400kV, 2500kV, 2600kV, 2700kV, 2800kV, 2900kV, 3000kV, 3100kV, 3200kV, 3300kV, 3400kV, 3500kV, 3600kV, 3700kV, 3800kV, 3900kV, 4000kV, 4100kV, 4200kV, 4300kV, 4400kV, 4500kV, 4600kV, 4700kV, 4800kV, 4900kV, 5000kV, 5100kV, 5200kV, 5300kV, 5400kV, 5500kV, 5600kV, 5700kV, 5800kV, 5900kV, 6000kV, 6100kV, 6200kV, 6300kV, 6400kV, 6500kV, 6600kV, 6700kV, 6800kV, 6900kV, 7000kV, 7100kV, 7200kV, 7300kV, 7400kV, 7500kV, 7600kV, 7700kV, 7800kV, 7900kV, 8000kV, 8100kV, 8200kV, 8300kV, 8400kV, 8500kV, 8600kV, 8700kV, 8800kV, 8900kV, 9000kV, 9100kV, 9200kV, 9300kV, 9400kV, 9500kV, 9600kV, 9700kV, 9800kV, 9900kV, 10000kV, 10100kV, 10200kV, 10300kV, 10400kV, 10500kV, 10600kV, 10700kV, 10800kV, 10900kV, 11000kV, 11100kV, 11200kV, 11300kV, 11400kV, 11500kV, 11600kV, 11700kV, 11800kV, 11900kV, 12000kV, 12100kV, 12200kV, 12300kV, 12400kV, 12500kV, 12600kV, 12700kV, 12800kV, 12900kV, 13000kV, 13100kV, 13200kV, 13300kV, 13400kV, 13500kV, 13600kV, 13700kV, 13800kV, 13900kV, 14000kV, 14100kV, 14200kV, 14300kV, 14400kV, 14500kV, 14600kV, 14700kV, 14800kV, 14900kV, 15000kV, 15100kV, 15200kV, 15300kV, 15400kV, 15500kV, 15600kV, 15700kV, 15800kV, 15900kV, 16000kV, 16100kV, 16200kV, 16300kV, 16400kV, 16500kV, 16600kV, 16700kV, 16800kV, 16900kV, 17000kV, 17100kV, 17200kV, 17300kV, 17400kV, 17500kV, 17600kV, 17700kV, 17800kV, 17900kV, 18000kV, 18100kV, 18200kV, 18300kV, 18400kV, 18500kV, 18600kV, 18700kV, 18800kV, 18900kV, 19000kV, 19100kV, 19200kV, 19300kV, 19400kV, 19500kV, 19600kV, 19700kV, 19800kV, 19900kV, 20000kV, 20100kV, 20200kV, 20300kV, 20400kV, 20500kV, 20600kV, 20700kV, 20800kV, 20900kV, 21000kV, 21100kV, 21200kV, 21300kV, 21400kV, 21500kV, 21600kV, 21700kV, 21800kV, 21900kV, 22000kV, 22100kV, 22200kV, 22300kV, 22400kV, 22500kV, 22600kV, 22700kV, 22800kV, 22900kV, 23000kV, 23100kV, 23200kV, 23300kV, 23400kV, 23500kV, 23600kV, 23700kV, 23800kV, 23900kV, 24000kV, 24100kV, 24200kV, 24300kV, 24400kV, 24500kV, 24600kV, 24700kV, 24800kV, 24900kV, 25000kV, 25100kV, 25200kV, 25300kV, 25400kV, 25500kV, 25600kV, 25700kV, 25800kV, 25900kV, 26000kV, 26100kV, 26200kV, 26300kV, 26400kV, 26500kV, 26600kV, 26700kV, 26800kV, 26900kV, 27000kV, 27100kV, 27200kV, 27300kV, 27400kV, 27500kV, 27600kV, 27700kV, 27800kV, 27900kV, 28000kV, 28100kV, 28200kV, 28300kV, 28400kV, 28500kV, 28600kV, 28700kV, 28800kV, 28900kV, 29000kV, 29100kV, 29200kV, 29300kV, 29400kV, 29500kV, 29600kV, 29700kV, 29800kV, 29900kV, 30000kV, 30100kV, 30200kV, 30300kV, 30400kV, 30500kV, 30600kV, 30700kV, 30800kV, 30900kV, 31000kV, 31100kV, 31200kV, 31300kV, 31400kV, 31500kV, 31600kV, 31700kV, 31800kV, 31900kV, 32000kV, 32100kV, 32200kV, 32300kV, 32400kV, 32500kV, 32600kV, 32700kV, 32800kV, 32900kV, 33000kV, 33100kV, 33200kV, 33300kV, 33400kV, 33500kV, 33600kV, 33700kV, 33800kV, 33900kV, 34000kV, 34100kV, 34200kV, 34300kV, 34400kV, 34500kV, 34600kV, 34700kV, 34800kV, 34900kV, 35000kV, 35100kV, 35200kV, 35300kV, 35400kV, 35500kV, 35600kV, 35700kV, 35800kV, 35900kV, 36000kV, 36100kV, 36200kV, 36300kV, 36400kV, 36500kV, 36600kV, 36700kV, 36800kV, 36900kV, 37000kV, 37100kV, 37200kV, 37300kV, 37400kV, 37500kV, 37600kV, 37700kV, 37800kV, 37900kV, 38000kV, 38100kV, 38200kV, 38300kV, 38400kV, 38500kV, 38600kV, 38700kV, 38800kV, 38900kV, 39000kV, 39100kV, 39200kV, 39300kV, 39400kV, 39500kV, 39600kV, 39700kV, 39800kV, 39900kV, 40000kV, 40100kV, 40200kV, 40300kV, 40400kV, 40500kV, 40600kV, 40700k

BACKGROUND TOPOGRAPHIC INFORMATION

The grey-scale line-work is the existing topographical survey drawing. It was provided by the client as digital drawing file "22019-S1A.dwg".

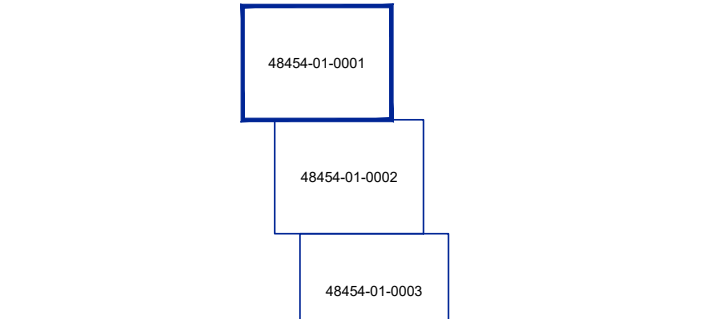
Plowman Craven cannot accept responsibility for its accuracy.

Due to the inherent instability of paper materials, drawings plotted on paper may be stretched and distorted - dimensions scaled from paper plots should therefore be treated with caution

This drawing has been produced for the purpose of the original commissioning agent, Plowman Craven reserve the right to share the collected data with the associated utility operator.

Plowman Craven Limited will accept no responsibility for details that are subsequently found to be the consequence of undisclosed facts or that were obscured from view at the time of survey or that have been altered since the survey.

SHEET LAYOUT



STATUS CODE & REVISIONS

Stat	Rev	Details	Checked		Date
			1st	2nd	
S3	P01	First Issue - For Review & Comment	JP	ON	13/06/2021

All levels are in metres and are above Ordnance Survey Newlyn Datum.
The survey grid shown on this drawing is positioned on Ordnance Survey (OS) National Grid.
Unless otherwise stated, levels have been taken to finished floor surface
Drainage and service diameters are quoted in millimetres all other depths and dimensions are in metres
Drawing units are metres

CLIENT
Hileon Meron Partnership

One Discovery Place
Columbus Drive Farnborough
Hampshire
GU14 0NZ

PROJECT TITLE

Creswick Welwyn Garden
City
Underground Survey

PRESENTATION SCALE 1:200 @ A0

DATE OF ORIGINAL SURVEY 04 June 2023
PC PROJECT No. 48454 STATUS & REVISION

DRAWING No.
48454-PCL-UT-XX-DR-Y-00001

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