



NOTES:
BT Supply Overhead To Ivy House Farm.
Unable To Locate Gas And Water Supplies Within Survey Area. Assumed Non Metallic Material. No Signals.
Gas Main Plotted From Records Where Possible.
Only BT And Gas Records Available At Time Of Survey.

UTILITY KEY	
	ELECTRIC CABLE
	TELECOMS CABLE
	CABLE TELEVISION
	COMMUNICATION CABLE
	WATER PIPE
	GAS PIPE
	FOUL DRAINAGE
	SURFACE DRAINAGE
	COMBINED DRAINAGE
	FUEL PIPE
	VENT PIPE
	OFFSET FILL PIPE
	GAUGE LINE
	VAPOUR RECOVERY
	SERVICE DUCTS
	UNIDENTIFIED
	END OF TRACE
	CABLE / PIPE RISER
	BACKDROP / TRAPPED EXIT

ABBREVIATIONS	
AC	ASBESTOS CEMENT
AR	ASSUMED ROUTE
BB	BASE BEND
BD	BACKDROP
BH	BOREHOLE
BR	BRICK
BT	BT INSPECTION CHAMBER
CATV	CATV INSPECTION CHAMBER
CBX	CONTROL BOX
CI	CAST IRON
CL	COVER LEVEL
CR	CABLE RISER
CP	CATCHPIT
d	DEPTH
DI	DUCTILE IRON
DP	DOWN PIPE
ED	EMPTY DUCT
EOG	END OF TRENCH SCAR
EOT	END OF TRACE
ER	EARTHING ROD
EP	ELECTRICITY POLE
FH	FIRE HYDRANT
FL	FLOOD LIGHT
G	GULLY
GPR	GROUND PENETRATING RADAR
GRP	GLASS REINFORCED PLASTIC
GV	GAS VALVE
HL	HIGH LEVEL
HOR	HEAD OF RUN
IC	INSPECTION CHAMBER
IL	INVERT LEVEL
SWS	SURFACE WATER SEWER
FWS	FOUL WATER SEWER
CWS	COMBINED WATER SEWER
LP	LAMP POST
MH	MANHOLE
MW	MONITORING WELL
OH	OVERHEAD
OSA	OFF SURVEY AREA
PE	POLYETHYLENE
PL	PLASTIC
PR	PIPE RISER
PVC	POLYVINYL CHLORIDE
RE	RODDING EYE
RWP	RAIN WATER PIPE
S/A	SOAKAWAY
SI	SPUN IRON
ST	STOP TAP
ST	STEEL
SV	SLUICE VALVE
SVP	SOIL VENT PIPE
TE	TRAPPED EXIT
TFR	TAKEN FROM RECORD
TL	TRAFFIC LIGHT
TP	TELEGRAPH POLE
UTCCTV	UNABLE TO CCTV
UTS	UNABLE TO SURVEY
UTL	UNABLE TO LIFT
UTS	UNABLE TO SURVEY
VC	VITRIFIED CLAY
VP	VENT PIPE
VR	VAPOUR RECOVERY
WL	WATER LEVEL
WM	WATER METER
WO	WASH OUT VALVE

DISCLAIMER
ELECTRO-MAGNETIC TECHNIQUES AND/OR GROUND PENETRATING RADAR HAVE BEEN USED IN THE LOCATION OF UNDERGROUND SERVICES. THE RESULTS ARE NOT INFALLIBLE AND TRIAL EXCAVATIONS SHOULD BE CARRIED OUT TO CONFIRM SERVICE IDENTIFICATION. POSITIONS AND PARTICULARLY DEPTHS, WHERE THESE ARE CRITICAL. ALTHOUGH ALL REASONABLE EFFORT HAS BEEN MADE IN SEARCHING AVAILABLE RECORD DRAWINGS, THE COMPLETENESS OF THE UNDERGROUND SERVICES INFORMATION CANNOT BE GUARANTEED. THE METHODS OF SURVEY DOES NOT DIFFERENTIATE BETWEEN LIVE AND DEAD SERVICES AND AS SUCH ALL SERVICES SHOULD BE TREATED AS LIVE.
WHERE SERVICES ARE NON-METALLIC POSITIONS MAY BE TAKEN FROM RECORDS, TRENCH SCARS & SURFACE DETAIL.
WHERE QUOTED, DEPTH ESTIMATIONS ARE GENERALLY TO THE CENTRE OF THE SERVICE. DEPTHS TO GRAVITY SEWERS AND DRAINS ARE GENERALLY TO INVERT LEVELS UNLESS OTHERWISE STATED.
PIPE SIZES WHICH CANNOT BE OBTAINED BY VISUAL SURVEY ARE TAKEN FROM RECORD DRAWINGS OR MARKER PLATES WHERE AVAILABLE.
WHERE GROUND PENETRATING RADAR HAS BEEN USED IT WILL PRIMARILY HAVE BEEN TO IDENTIFY UNDERGROUND UTILITIES IF POSSIBLE WE WILL ALSO IDENTIFY UNDERGROUND STRUCTURES/ TANKS ETC. BUT CANNOT GUARANTEE TO HAVE LOCATED ALL SUCH ITEMS. THE USE OF RADAR CAN BE LIMITED BOTH BY SURFACE CONDITIONS AND ALSO BY SOIL TYPE. DEPTH ESTIMATES WOULD NOT NORMALLY BE PROVIDED FOR SERVICES LOCATED WITH GPR.

REV	DATE	COMMENT	CAD
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CLIENT
R Mccue

PROJECT
IVY HOUSE FARM
Ladderage,
Leek,
Staffs, ST13 7AH

TITLE
Underground
Utility Survey

HD Surveying Limited
Suite 3, Renford House
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Wolstanton
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DATE: 11/02/2015	JOB No: 10850
DRAWING No: 10850_UG	REV: 0
DRAWN: JDB	SURVEYED: DT
APPROVED: JDB	SCALE: 1:100 @ A1

