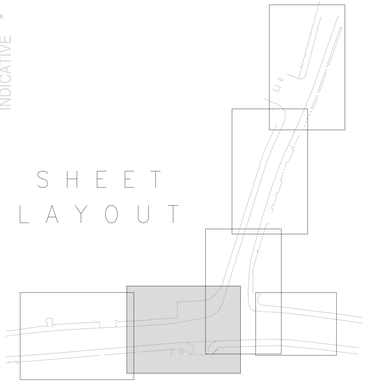
INDICATIVE

SHEET LAYOUT



N.O.T.E.S

1. The base topographical survey is as supplied by the client, Drawing No. 2531, and has not been checked for accuracy.
2. A number of technologies were used to obtain the information shown on this drawing. Varying ground conditions can affect the performance of these systems, therefore 100% detection is not guaranteed. **Always Exercise Caution When Excavating.**
3. Thin line types represent assumed utility positions.
4. Where electric & metallic services are illustrated on this drawing as a single utility line, these may represent multiple pipes/cables.
5. Possible radar targets show the position of suspected underground linear features, these features have produced an inconsistent response to the radar.
6. It is not always possible to differentiate between construction features and pipes, it is therefore possible that some of the features shown are not pipes or cables.
7. Every care has been taken to ensure the correct identification of the utility types, however these should be independently verified prior to use in any design/ building works.
8. All pipe diameters and levels are assumed to be correct, however due to non entry to inspection chambers, these should be verified before any works commence.
9. Depths shown with the suffix (RD) have been measured using radio frequency locators and are to the centre of pipes/cables. Depths shown with the suffix (S) have been measured to a radio frequency sewer sonde and are to the invert of pipes. Therefore these depths are indicative only.
10. All utility depths are in metres
11. All pipe/duct sizes are in millimetres
12. Copyright of all data produced by Subtechnics shall remain with Subtechnics unless otherwise agreed.
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15. If the Autocad drawing is being read by any system other than Autocad it should be checked against a hard copy. Subtechnics cannot accept liability for omissions.
16. Scale indicated is only applicable when plotted at sheet size.

K.E.Y

SURFACES
BPav Brick Paving
CC Concrete Cover
CPS Concrete Paving Slabs
DK Drapkerb
Tmac Tarmac
TPav Tactile Paving

PIPES & CABLES
DBC Directly Buried Cable
FW Foul Water Pipe
GP Gas Pipe
RWP Rain Water Pipe
SP Stand Pipe
SVP Soil Vent Pipe
TC Telecoms Duct Trace
VP Vent Pipe
WP Waste Pipe

INSPECTION CHAMBERS
BC Bollard Cover
BH Borehole
CA Cellar Access
CDC Concrete Drainage Channel
EIC Electric Inspection Cover
ER Earth Rod
FWIC Foul Water Inspection Cover
FX Fire Hydrant
GIC Gas Inspection Cover
GM Gas Meter
GV Gas Valve
G Gully
IC Inspection Cover
LC Lamp Column
LHP London Hydraulic Power
MW Monitoring Well
NT No Further Information
PB Rodding Eye
SC Stop Cock
SDC Service Duct Inspection Cover
SWCP Surface Water Catch Pit
SWIC Surface Water Inspection Cover
TIC Traffic Control Inspection Cover
TIC Telecommunications Inspection Cover
UIC Unidentified Inspection Cover
VC Vent Column
WIC Water Inspection Cover
WM Water Meter
WSV Water Stop Valve

MEASUREMENTS
d Depth (m)
ø Diameter (mm)
Ext.ø External Diameter (mm)
H Object Height (m)

LEVELS & DEPTHS
(A) Approximate
BD Block Drop Depth
CL Cover Level
CO Chamber Depth
CL Cover Level
D Depth
I Invert Level
OD Outlet Depth
OL Outlet Level
SF Soffit Depth
SL Soffit Level
SD Sump Depth
WL Water Level

STREET FURNITURE
AC Air Conditioning
BL Basement Light
BO Bollard
BS Bus Stop
CP Cash Point
EC Electric Cupboard
EP Electric Pole
FHM Fire Hydrant Marker
FL Flood Light
FPO Fence Post
GMK Gas Marker Post
GPO Gate Post
JB Junction Box
LAMP Lamp Standard
LP Lamp Post
MK Marker
MPO Meter Post
PB Post Box
PW Post Office Water
RS Road Sign
SIGN Sign
SS Relay Station
TCB Telephone Call Box
TL Traffic Light
TLC Traffic Light Control Box
TP Telegraph Pole
TPO Timber Post

DUCT FORMATION EXAMPLES:
1W:○ 1WAY SINGLE DUCT
2W:○○ 2WAY FLAT
2W:1/2 ⊘ 2WAY:1WIDE/2DEEP
4W:2/2 ⊘⊘ 4WAY:2WIDE/2DEEP
6W:3/2 ⊘⊘⊘ 6WAY:3WIDE/2DEEP

CHAMBER
CHAMBER WITH UNKNOWN EXTENTS
RADAR DETECTED REINFORCING MESH
RADAR DETECTED POSSIBLE ANOMALY PRODUCED BY AN INCONSISTENT RADAR RESPONSE
RADAR DETECTED ANOMALY PRODUCED BY A STRONG & CONSISTENT RADAR RESPONSE

AN ANOMALOUS FEATURE REPRESENTS AN AREA WITHIN THE RADAR DATA THAT ILLUSTRATES A SUBSTANTIAL DIFFERENCE FROM THE UNIFORM DATA OF THE SURROUNDING AREA. SUCH FEATURES COULD BE AN EFFECT FROM VOIDS, HEAVILY SATURATED GROUND, & SUBSURFACE CONSTRUCTION FEATURES.

LINETYPE KEY:

1866	1866	51	51 DEGREE
BT	BT	BRITISH TELECOM	
CWMS	CWMS	CABLE&WIRELESS/MERCURY	
CATV	CATV	CATV	
COLT	COLT	COLT	
EMET	EMET	EASYNET	
ENRG	ENRG	ENERGIS	
FIBR	FIBR	FIBERNET/TANET	
FWAY	FWAY	FIBERWAY	
GNXX	GNXX	GX-UK	
INTR	INTR	INTEROUTE	
LSCPO	LSCPO	LEVEL3/G-PEC	
METR	METR	METROMEDIA	
NORW	NORW	NORWEB	
NTL	NTL	NTL/TELEWEST	
THUS	THUS	THUS/SCOTTISH TELECOM	
VIRG	VIRG	VIRGIN	
WCMS	WCMS	WORLD COM/MFSC	
ELEC	ELEC	UNKNOWN TELECOMS	
TCSS	TCSS	ELECTRIC	
WTR	WTR	TRAFFIC SIGNALS	
GAS	GAS	WATER	
HOT	HOT	GAS	
EARTH	EARTH	HOT WATER	
OIL	OIL	EARTH STRAP	
COMB	COMB	OIL	
FWS	FWS	COMBINED (> FLOW DIRECTION)	
SWS	SWS	FOUL WATER (> FLOW DIRECTION)	
GPR	GPR	SURFACE WATER (> FLOW DIRECTION)	
PRL	PRL	RADAR SEARCH AREA	
DUCT	DUCT	RADAR DETECTED LINEAR FEATURE	
MISC	MISC	POSSIBLE RADAR DETECTED LINEAR FEATURE	
MTL	MTL	MISCELLANEOUS EMPTY DUCT	
VENT	VENT	UNKNOWN METALLIC LINEAR FEATURE	
BT(o)	BT(o)	VENT PIPE (UTILITY SPECIFIC)	
GAS	GAS	BT RECORDS	
		GAS RECORDS	
		TRENCH SCAR	
		CHANGE OF SURFACE	
		FENCE	
		WALL	
		BUILDING FACE	
		KERB/DROPKERB	

CLIENT

SITE
Leadenhall Street
City of London

DRAWING TITLE
Full Utility Survey

PROJECT NUMBER	DRAWING NUMBER	DATE
SUBP09109	SUBD09109	MAR 2009
SURVEYED BY	DRAWN BY	CHECKED BY
AW AJB GL	AW AJB	GL
SCALE	SHEET SIZE	SHEET
1:50	A0	2 OF 6

Rev	Date	Notes	By

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