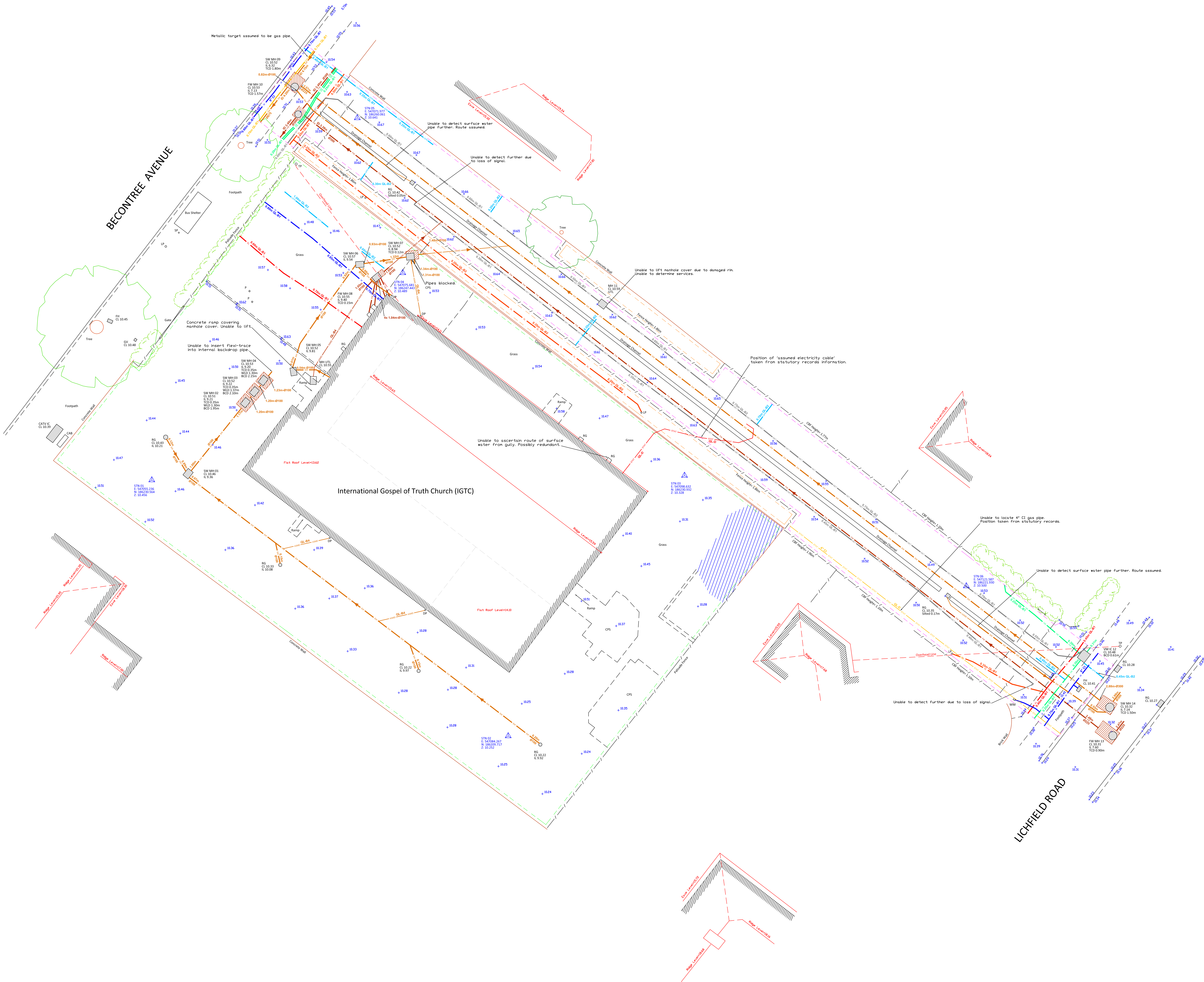




NOTES

A variety of detection technologies were used to produce the underground information recorded for this non-invasive survey. Variations in ground conditions, depth and density of services and signal interference from surrounding features can affect the accuracy of these technologies, therefore 100% detection and accuracy cannot be guaranteed.

All utility/service depths are in metres and are taken to the top of utility/service unless otherwise stated.

All pipe/duct sizes are in millimetres unless otherwise stated.

Pipe sizes are shown from visual inspection or taken from statutory information.

Underground services shown on this drawing are illustrated by a single service line. This single service line may actually represent multiple cables and/or ducts.

An anomalous feature is an unidentified subsurface area evident within the radar data that differs in response to its surrounding area. Examples of anomalous features include voiding, heavily coloured ground, buried tanks and demolished building foundations.

The utility survey was carried out in accordance to PAS128:2014 Type B M3-M5. For quality levels please refer to the specification. All depths measured by tape are accurate to within 10mm.

Topographical survey control is to OSGB datum by GPS (as recorded at the time of acquisition) and the project referred to North. All subsequent data acquired does not have a coordinate applied and therefore is based on a flat earth scenario.

Real Time Kinematic (RTK) accuracies: Horizontal 10mm + 1ppm, Vertical 20mm + 1ppm. Rapid Static accuracies: Horizontal 5mm + 1ppm, Vertical 10mm + 1ppm.

Availability of Statutory Records		
Utility/Service Type	Records Provided	Record Owner
Electricity	Yes	EDN
Gas	Yes	Cadent Gas Ltd
Water	Yes	Thames Water
Telecom	Yes	Virgin Media
Other	Yes	Essex & Suffolk Water

ABBREVIATIONS

Abbreviation	Meaning	Abbreviation	Meaning
AV	Air Valve	IS	Illuminated Road Sign
BB	Bellha Beacon	LP	Lamp Post
BCD	Bottom of Chamber Depth	MH	Manhole
BL	Borehole	MK	Marker
BL	Basement Light	MW	Monitoring Well
BM	Bench Mark	P	Post
BS	Bus Stop	PE	Polyethylene
BT	British Telecom Cover	PE	Polyethylene
CAB	Cable	RG	Road Sign
CATV	Cable Television Cover	RG	Road Sign
CCTV	Cable Television Cover	RG	Road Sign
CL	Cast Iron	SG	Sign Post
CL	Cast Iron	SG	Sign Post
CP	Concrete (Pre-Cast)	ST	Street
DA	Ductile Iron	STN	Survey Station
DIA	Diameter	SV	Stop Valve
DP	Down Pipe	SV	Stop Valve
EB	Electricity Junction Box	TCD	Top of Chamber Depth
EP	Electricity Pole	TCD	Top of Chamber Depth
ER	Earth Rod	TL	Traffic Light
FB	Flow Back	TLCB	Traffic Light Control Box
FL	Flood Light	UL	Unable to Lift
FW	Foul Water	UL	Unable to Lift
FWP	Foul Water Pipe	UL	Unable to Lift
GM	Gas Meter	UL	Unable to Lift
GP	Gas Pipe	UL	Unable to Lift
GV	Gas Valve	UL	Unable to Lift
IC	Inspection Cover	UL	Unable to Lift
ID	Invert Depth	UL	Unable to Lift

LINE TYPE KEY

Line Type	Meaning
Red	Electricity
Orange	Street Lighting
Green	Water
Blue	Gas
Yellow	British Telecom
Purple	Unknown Telecom
Pink	Virgin Media
Light Blue	Fibre Optic
Light Green	Traffic Control Signalling
Light Orange	CCTV
Light Yellow	Empty Duct
Light Purple	Earth
Light Blue	Surface Water
Light Green	Foul Water
Light Orange	Combined Sewer
Light Yellow	Oil/Fuel Pipe
Light Purple	Unknown Pipe
Light Blue	Unknown Cable
Light Green	Metallic Target
Light Orange	Radar Target
Light Yellow	Possible Target
Light Purple	Assumed
Light Blue	Statutory Records
Light Green	Scan Area
Light Orange	EMI Only Scan Area
Light Yellow	Previous Scan Area
Light Purple	Fence
Light Blue	Wall
Light Green	Building
Light Orange	Surface Scar
Light Yellow	Change of Surface

CLIENT:

SITE:

PROJECT REF:

DRAWN: **DATE:** 24/01/19

CHECKED: **SHEET NO:**

SCALE: **REV:**

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