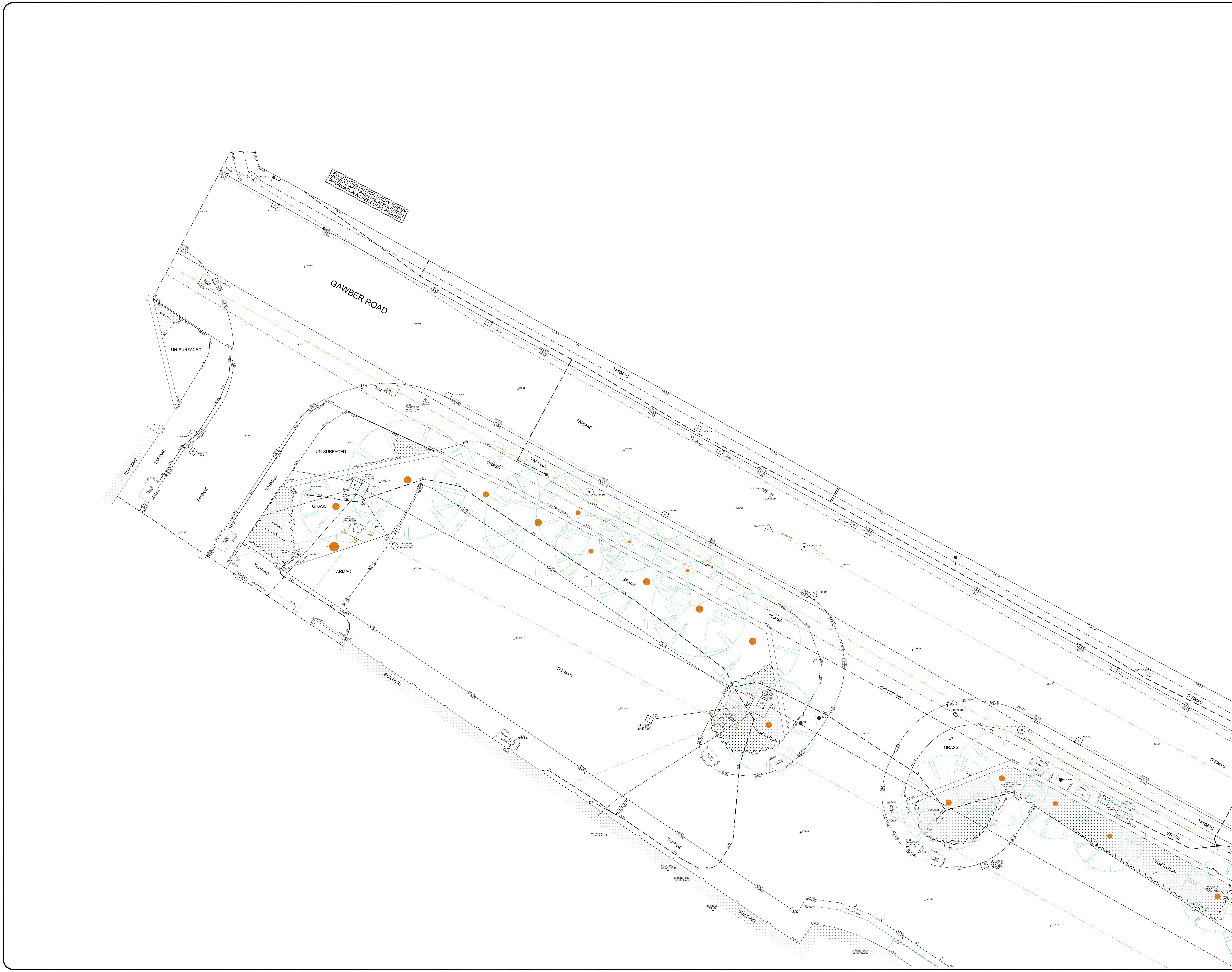
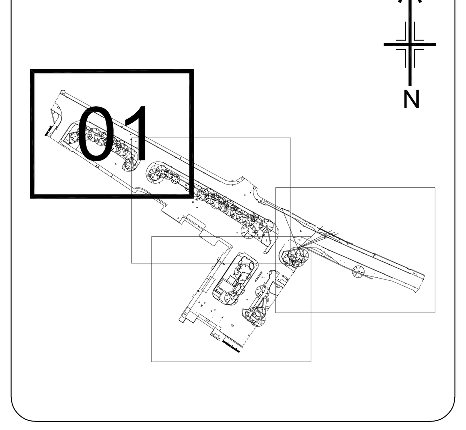


Sheet Layout



Topographic Abbreviations

AV	Air Vent	IL	Invert Level
BB	Belisha Beacon	JB	Junction Box
BD	Back Drop	KO	Kerb Outlet
BK	Brick	LB	Litter Bin
BL	Base/Bed Level	LP	Lamp Post
BOL	Bollard	MH	Man Hole
BP	Brick Pillar	MK	Service Marker
BPV	Brick Paviour	MT	Mercury Telephone Cover
BR	Bike Rack	OSBM	Ordnance Survey Benchmark
BS	Bus Stop	P	Post
BT	BT Inspection Cover	PB	Post Box
C	Combined (Sewer)	PCP	Pedestrian Control Point
C&W	Cable & Wireless	PLT	Planter
CA	Camera	PM	Parking Meter
CAJB	Cable Junction Box	PPL	Parapet Level
CATV	Cable Inspection Cover	PU	Pump
CB	Control Box	RE	Rodding Eye
CC	Comms Cabinet	RL	Ridge Level
CCTV	Close Circuit Television	RS	Road Sign
CD	Cable Duct	RW	Retaining Wall
CG	Cattle Grid	RWC	Rain Water Channel
CH	Coal Hole	RWP	Rain Water Pipe
CIP	Cable Inspection Point	S	Storm (Sewer)
CL	Cover Level	S/A	Soakaway
COL	Column	Sap	Sapling
Conc	Concrete	SB	Sliding Bollard
CP	Catch Pit	SC	Water Stop Cock
D	Depth	SD	Service Duct
DK	Drop Kerb	SEG	Side Entry Gully
DPC	Damp Proof Course	SL	Sill Level
EB	Electricity Control Box	SP	Sign Post
EJB	Electricity Junction Box	ST	Stay Cable
EL	Eave Level	SV	Stop Valve
ELEC	Electricity Inspection Cover	SVP	Soil Vent Pipe
EM	Electricity Meter	SW	Stone Wall
EP	Electricity Pylon/Pole	TB	Telephone Call Box
ER	Earth Rod	TBM	Temporary Bench Mark
F	Foul (Sewer)	TC	Traffic Control Inspection Cover
FB	Flower Bed	TH	Trial Hole
FC	Fuel Cover	THL	Threshold Level
FH	Fire Hydrant	TIC	Telephone Inspection Cover
FL	Floor Level	TJB	Telephone Junction Box
FLT	Flood Light	TL	Traffic Light
FO	Fibre Optic	TMC	Tarmac
FP	Footpath	TOW	Top of Wall
FRL	Flat Roof Level	TP	Telegraph Pole
G	Gully	TS	Tree Stump
GAS	Gas Inspection Cover	UTL	Unable To Lift
GJB	Gas Junction Box	VP	Vent Pipe
GM	Gas Meter	WL	Water Level
GP	Gate Post	WM	Water Meter
GV	Gas Vent	WO	Wash Out
HL	Head Level	WP	Waste Pipe
IC	Inspection Cover	WTR	Water Inspection Cover

Topographic Legend

Gate
Paving
Bottom Of Batter
Top Of Batter
Building/Wall
Drip/Vegetative Line
Slab/concrete
Slope of batter
Kerb
Pipes
Fencelines
Vegetative Border
Railing
Pin Kerb
Overhead Power Line
Building Canopy
Grass Edge
166.000 Contour With Level
Edge of Hardstanding
Bore Hole
Tree
Bush
Survey Station
Photo' 02. Photograph Origin

Utility Abbreviations

AR	ASSUMED ROUTE	NVV	NO VISIBLE VALVE
D.O.C	DEPTH OF COVER	TFR	TAKEN FROM RECORDS
D.T.B	DEPTH TO BOTTOM	TLS	TRAFFIC LIGHT SENSOR
D.T.S	DEPTH TO SILT	UTGA	UNABLE TO GAIN ACCESS
D.T.W	DEPTH TO WATER	UTL	UNABLE TO LIFT
EOS	END OF SONDE	UTS	UNABLE TO SONDE
EOT	END OF TRACE	UTT	UNABLE TO TRACE
EUD	EMPTY UTILITY DUCT		
M.A.R	MAN ACCESS REQUIRED		
NVP	NO VISIBLE PIPE		

Utility Legend

P FUEL LINE - PETROL
D FUEL LINE - DIESEL, KERO OR PARAFFIN
E ELECTRICITY CABLE
EH HIGH VOLTAGE ELECTRICITY CABLE
W WATER SUPPLY PIPE
GAS GAS
T TELECOM CABLE
BT BT CABLE
CATV CABLE TELEVISION
FO FIBRE OPTICS
CP CATHODIC PROTECTION
ET EARTH TAPE
HP HEATING PIPES
S SURFACE WATER DRAIN
F FOUL WATER DRAIN
C COMBINED DRAIN
I-G UNIDENTIFIED (LOCATED USING GPR) - SEE NOTES
I-I UNIDENTIFIED (LOCATED BY INDUCTION) - SEE NOTES
I-R UNIDENTIFIED (LOCATED BY RADIO) - SEE NOTES
I-P UNIDENTIFIED PIPELINE
G TANK GAUGE LINE OR COMMS CABLE
OF OFF-SET FILL
V VENT PIPE
OIL OIL PIPE
REMEDIATION PIPES
VAPOR RECOVERY
SE SURVEY EXTENTS BOUNDARY LINE
EOT EOS END OF TRACE/SONDE

Chamber Extents
P1 / P2 Report Photos

Notes

THE ACCURACY OF BOTH THE RADIO DETECTION EQUIPMENT AND THE GROUND PENETRATING RADAR, CAN ONLY BE ASSUMED TO BE +/-15% OF THE LOCATED DEPTH, FOR BOTH X,Y AND Z HEIGHT INFORMATION.

WHILST 1ST HORIZON PROVIDE SUITABLY TRAINED STAFF ON ALL PROJECTS AND OUR INVESTMENT IN THE LATEST DETECTION EQUIPMENT, LOCATED DATA MUST NOT BE ASSUMED EXHAUSTIVE AND DOCUMENT HS(G)47 MUST ALWAYS BE ADHERED TO IN ALL AREAS DURING ANY EXCAVATION WORKS.
NO LIABILITY FOR ERRORS, OMISSIONS OR EXCEPTIONS WILL BE ACCEPTED BY 1ST HORIZON SURVEYING & ENGINEERING LTD.

ALL SURVEY WORKS ARE CARRIED OUT IN ACCORDANCE WITH THE RICS SURVEYS OF LAND, BUILDINGS AND UTILITY SURVEYS AT SCALES OF 1:500 AND LARGER, OF WHICH A COPY CAN BE MADE AVAILABLE ON REQUEST.

THIS DRAWING SHOULD ONLY BE USED FOR IT'S ORIGINAL PURPOSE. 1ST HORIZON SURVEYING & ENGINEERING LTD ACCEPTS NO RESPONSIBILITY FOR THIS DRAWING IF SUPPLIED TO ANY PARTY OTHER THAN THE ORIGINAL CLIENT.

DO NOT SCALE FROM THIS DRAWING.

ALL LEVELS ARE RELATED OSTN15 GRID PROJECTION.

Reference Material

THIS DRAWING HAS BEEN PRODUCED WITH REFERENCE TO STATUTORY AUTHORITY PLANS

Rev	Details	Name	Date
A	Additional Information Added	CS	27.02.19

Client: **Mott Macdonald**
4th Floor
Derwent House
150 Arundel Gate, Sheffield
S1 2JY

Project: Barnsley Hospital
Gawber Rd
Barnsley, S75 2PY

Title: Barnsley Hospital
Topographic & Utility Survey
(Sheet 1 of 4)

Surveyed:	CS, JB, MT	CAD:	CS, MT
Chk'd:	ABR	App'd:	JG
Date:	13.02.19	Scale:	1:100@A0

1ST HORIZON
1st Horizon Surveying and Engineering Ltd.
The Old Pop Factory
88-90 High Street
Dodworth
Barnsley S75 3RQ
Tel: +44 (0)1226 766 446
Fax: +44 (0)1226 766 317
www.1sth.co.uk
info@1sth.co.uk

No. MMB-BH5132-TS-01
Rev: A