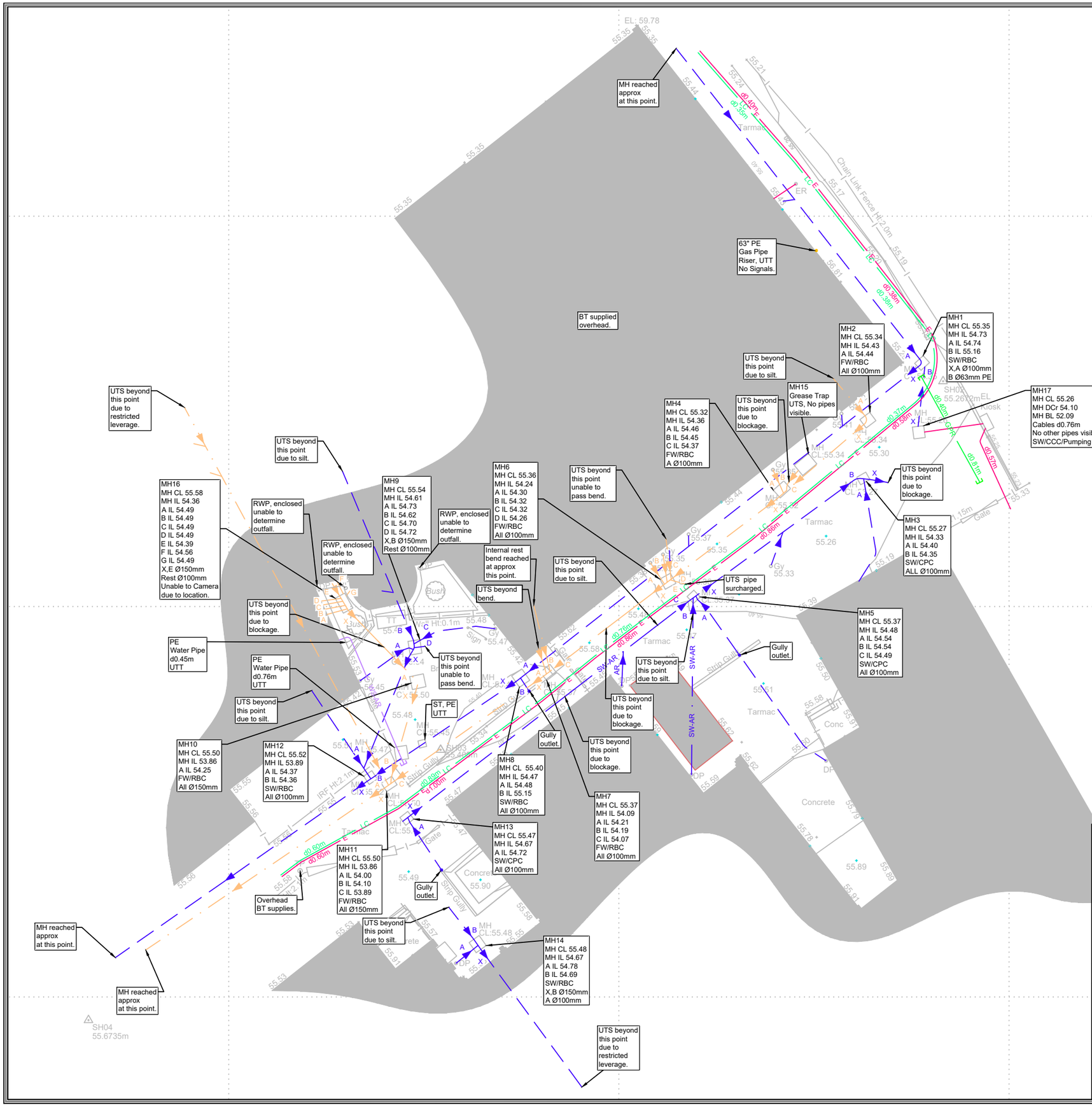

Electromagnetic and/or Ground Penetrating Radar techniques have been used to locate/map underground utilities and features on this drawing.
SurveyHub Ltd has made every endeavour to make sure that the information contained within this drawing is accurate and of the highest quality.
SurveyHub Ltd has used any record drawings provided by the client or by the Statutory Utility Providers, at the client's request, at the time of the survey. Any information taken from these drawings (e.g. pipe sizes and position) is not guaranteed. Historic record information is often incomplete and inaccurate and cannot be relied upon. SurveyHub Ltd is not liable for any topographical survey that has not been undertaken by us. Any inaccuracies relating to topographical plans/development plans/Ordnance Survey data that we have no control over is the liability of the customer. Where quoted, depth information of underground services/features is stated. Depths are generally within +/10% accurate, but cannot be guaranteed. Any depths shown on drains are usually to invert (base of drainage channel) unless otherwise stated. At SurveyHub Ltd we use skilled staff and modern, calibrated equipment to perform our surveys. However, the completeness of any underground survey cannot be 100% guaranteed and the results from these types of surveys are not infallible. If the location or depth of services/features is of particular importance to a project then it is strongly recommended that discussions are held with SurveyHub Ltd regarding any possible limitations or anomalies. It is also strongly advised that trial excavations should be undertaken to confirm survey results. We cannot be held responsible for any inaccuracies beyond those that could be reasonably expected by a competent company.

ABBREVIATIONS (Land & Utilities)

AR	ASSUMED ROUTE	Mkr	MARKER POST
AV	AIR VALVE	MkrE	MARKER POST (ELECTRIC)
BB	BELISHA BEACON	MkrG	MARKER POST (GAS)
BD	BACKDROP	MkrR	MARKER POST (RAILWAY)
Bdl	BED LEVEL	MkrT	MARKER POST (TELECOM)
BH	BOREHOLE	MkrW	MARKER POST (WATER)
Bnkch	BASEMENT HATCH COVER	MP	MILE POST
Bin	LITTER / GRIT SALT BIN	MS	MILE STONE
BL	BASE LEVEL	NL	NOT LOCATED
BM	BENCHMARK	NP	NAME PLATE
BO	BOLLARD	OGP	OVERGROUND PIPE
Box	CONTROL BOX	OHCu	O/H CABLE (UNIDENTIFIED)
BP	BOUNDARY POST	OHE	OVERHEAD CABLE (ELECTRIC)
BS	BUS STOP	OHG	OVERHEAD GANTRY
BT	BRITISH TELECOM CHAMBER	OHP	OVERHEAD PIPE
CatL	CATENARY LEVEL	OHT	OVERHEAD CABLE (TELECOM)
CATV	CABLE TV COVER	OP	OUTLET PIPE
CB	CONCRETE BENCHING	OSA	OUTSIDE SURVEY AREA
CBR	CONVEYOR BELT	OSBM	O.S BENCH MARK
CBC	CIRCULAR BRICK CHAMBER	Pb	PARK BENCH
CC	COAL CHUTE	PB	POST BOX
CCC	CIRCULAR CONCRETE CHAMBER	PCsg	PEDESTRIAN CROSSING
CGrd	CATTLE GRID	PDR	POOR DEPTH RESPONSE
CHL	CHANNEL LEVEL	PE	POLYETHALINE
Chy	CHIMNEY	PF	PITCH FIBER
CI	CAST IRON	Pi	PILE
CL	COVER LEVEL	Plr	MOVEMENT DETECTOR
CO	CONCRETE	Pmd	PLANT MOTOR DRIVE
CP	CABLE PIT	PO	POST
CPC	CIRCULAR PLASTIC CHAMBER	PP	PETROL / DIESEL PUMP
CpL	COPING LEVEL	PR	PIPE RISER
Cpsn	CAPSTAN	Pstk	PENSTOCK
Cpst	CAMERA POST	PU	PUMP
CR	CABLE RISER	PV	PIPE (VERTICAL)
CrL	CROWN LEVEL	PVC	POLYVINYL CHLORIDE
CulP	CULVERT PIPE	Pyl	PYLON
CW	COMBINED WATER	Pz	PIEZOMETER
CWM	CABLE WINDING MACHINERY	RBC	RECTANGULAR BRICK CHAMBER
d	DEPTH	RCC	RECTANGULAR CONCRETE CHAMBER
D	DIAMETER	Rdge	RIDGE LEVEL
DCr	DEPTH TO CROWN LEVEL	RE	RODDING EYE
Di	DEPTH TO INVERT	RG	RAIN GAUGE
DP	DOWN PIPE	RMP	RESERVOIR MONITORING PNT
DS	DIRECTION SIGN	RP	REFLECTOR POST
DTB	DEPTH TO BASE	RS	ROAD SIGN
DTS	DEPTH TO SILT	RSP	RAILWAY SIGNAL POST
DTW	DEPTH TO WATER	RWP	RAIN WATER PIPE
Eave	EAVES LEVEL	S	SPREAD
EBD	EXTERNAL BACK DROP	SA	SURVEY ABANDONED
EIC	ELECTRIC INSPECTION COVER	SB	SIGN BOARD
EoC	EDGE OF CANOPY	SI	SPUN IRON
EOR	END OF RECORDS	Shlt	SHELTER (BUS / TRAM)
EOT	END OF TRACE	SL	SILT LEVEL (TOP)
EP	ELECTRICITY POLE	SMP	SETTLEMENT MONITORING PNT
EPY	ELECTRICITY PYLON	SO	SOFFIT LEVEL
ER	EARTH ROD	SP	SIGN POST
Eshwr	EMERGENCY SHOWER	SPil	SHEET PILING
ESP	ELECTRICITY SUPPLY POINT	Spr	SPRING
Esw	ELECTRICAL SWITCH	SPl	SAMPLING POINT
FB	FOOTBRIDGE	ST	STOP TAP
FH	FIRE HYDRANT	St	STILE
FL	FLOOR LEVEL	Stl	STRUCTURE TOP LEVEL
Flat	FLAT ROOF LEVEL	Stp	STUMP (TREE)
FS	FLAG STAFF / POLE	SP	STAND PIPE
FW	FOUL WATER	SV	STOP VALVE
	GATE	SVP	SOIL VENT PIPE
G+	GIRTH	SW	STORM WATER
GIP	GAS INLET PIPE	SY	STAY
GP	GUIDE POST	TBM	TEMPORARY BENCH MARK
GPR	TRACED BY G.P.R	TCB	TELEPHONE CALL BOX
Grl	GRILLE	TCL	TREE HEIGHT
GV	GAS VALVE	TFR	TAKEN FROM RECORDS
GY	GULLY	THL	THRESHOLD LEVEL
Hrl	HANDRAIL	TL	TRAFFIC LIGHT
Ht	HEIGHT	TP	TELEGRAPH POLE
HV	HIGH VOLTAGE	Tpt	TRIAL PIT
IBD	INTERNAL BACK DROP	Tr	TROUGH
IC	INSPECTION CHAMBER	TT	TACTILE PAVING
IFL	INTERNAL FLOOR LEVEL	UTF	UNABLE TO FIND
IL	INVERT LEVEL	UTGA	UNABLE TO GAIN ACCESS
INV	PIPE INVERT	UTL	UNABLE TO LIFT
IP	INLET PIPE	UTR	UNABLE TO ROD
JN	JUNCTION	UTS	UNABLE TO SURVEY
KO	KERB OUTLET	UTT	UNABLE TO TRACE
Lby	LIFEBOUY	VC	VITREOUS CLAY
Lck	LOCK GATE	VP	VENT PIPE
Ldr	LADDER	VR	VAPOUR RECOVERY
LH	LAMP HOLE	VS	VENTILATION SHAFT
LP	LAMP POST	VW	VALVE / SLUICE WHEEL
LV	LOW VOLTAGE	WB	WEIGHBRIDGE
MG	MULTI GIRTH TRUNK	WL	WATER LEVEL
MgP	MOORING POST	WM	WATER METER
mH	METERS HIGH	WO	WASH OUT VALVE
MH	MANHOLE	Wr	WEIR
Mhcy	MACHINERY	WrL	WEIR LEVEL
		WrPl	WEIR PLATE (TOP)
		WWP	WASTE WATER PIPE

Survey Coordinates and Grid
Please note that the grid shown on this drawing is as follows;
- ☐ *Arbitrary*
- ☐ *Arbitrary but approx. related to North*
- ☐ *Best fit to an Ordnance Survey Digital Sheet*
- ■ *Related to the Ordnance Survey National GPS Network*

Levels
Please note that the levels shown on this drawing are as follows;
- ☐ *Arbitrary*
- ☐ *Related to an Ordnance Survey Bench Mark*
- ■ *Related to the Ordnance Survey National GPS Network*

KEY:
OIL PIPE(S)
FUEL PIPE(S)
VISIBLE SCARRING
TRAFFIC SIGNAL
BT CABLE(S)
OVERHEAD BT CABLE(S)
COMMUNICATIONS CABLE(S)
CABLE TV CABLE(S)
ELECTRIC CABLE(S)
OVERHEAD ELECTRIC CABLE(S)
FIBREOPTIC CABLE(S)
GAS MAIN
GAS SERVICE
GROUND PENETRATING RADAR (GPR) TRACE
HOT WATER PIPE
LIGHTING CABLE(S)
SECURITY CABLING
UNIDENTIFIED TRACE
WATER MAIN
WATER SERVICE
COMBINED SEWER
FOUL SEWER
RISING MAIN
SURFACE WATER SEWER
INVESTIGATION EXTENTS
SERVICE ASSUME ROUTE
SERVICE TAKEN FROM RECORDS
DEPTH TO SERVICE
END OF TRACE

Station	Easting (m)	Northing (m)	Level (m)

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Client: Dice Consult

Project: Pinner Park School
Melbourne Ave, Pinner HA5 5TJ

Title: CCTV & Underground Utility Survey

Surveyed: CM | Checked: LP | Date: 30/04/2020
Sheet No: 1 of 1 | Scale: 1:200@A3

Job No. 4199 | Rev. -

NOTES:
All critical measurements should be checked on site prior to design.
No liability will be taken for this plan if passed on to 3rd parties.
Some services/data may be omitted in areas of parked vehicles and vegetation.

THIS SURVEY HAS BEEN ORIENTATED TO THE ORDNANCE SURVEY (O.S) NATIONAL GRID
USING THE OSGB36 COORDINATE SYSTEM (EPSG:27700 - OSGB36 / BRITISH NATIONAL GRID NET).
A TRUE OSGB36 COORDINATE HAS BEEN ESTABLISHED NEAR TO THE SITE CENTRE VIA A
TRANSFORMATION USING THE OSTN02 & OSGM02 TRANSFORMATION MODELS.
THE SURVEY HAS BEEN CORRELATED TO THIS POINT AND A FURTHER ONE OR MORE
OSGBM POINTS ESTABLISHED TO CREATE A TRUE O.S. BEARING FOR ANGLE ORIENTATION.
NO SCALE FACTOR HAS BEEN APPLIED TO THE SURVEY THEREFORE THE COORDINATES
SHOWN ARE ARBITRARY & NOT TRUE O.S. COORDINATES WHICH HAVE A SCALE FACTOR
APPLIED.
PLEASE REFER TO SURVEY STATION TABLE TO ENABLE ESTABLISHMENT OF THE ON-SITE
GRID.