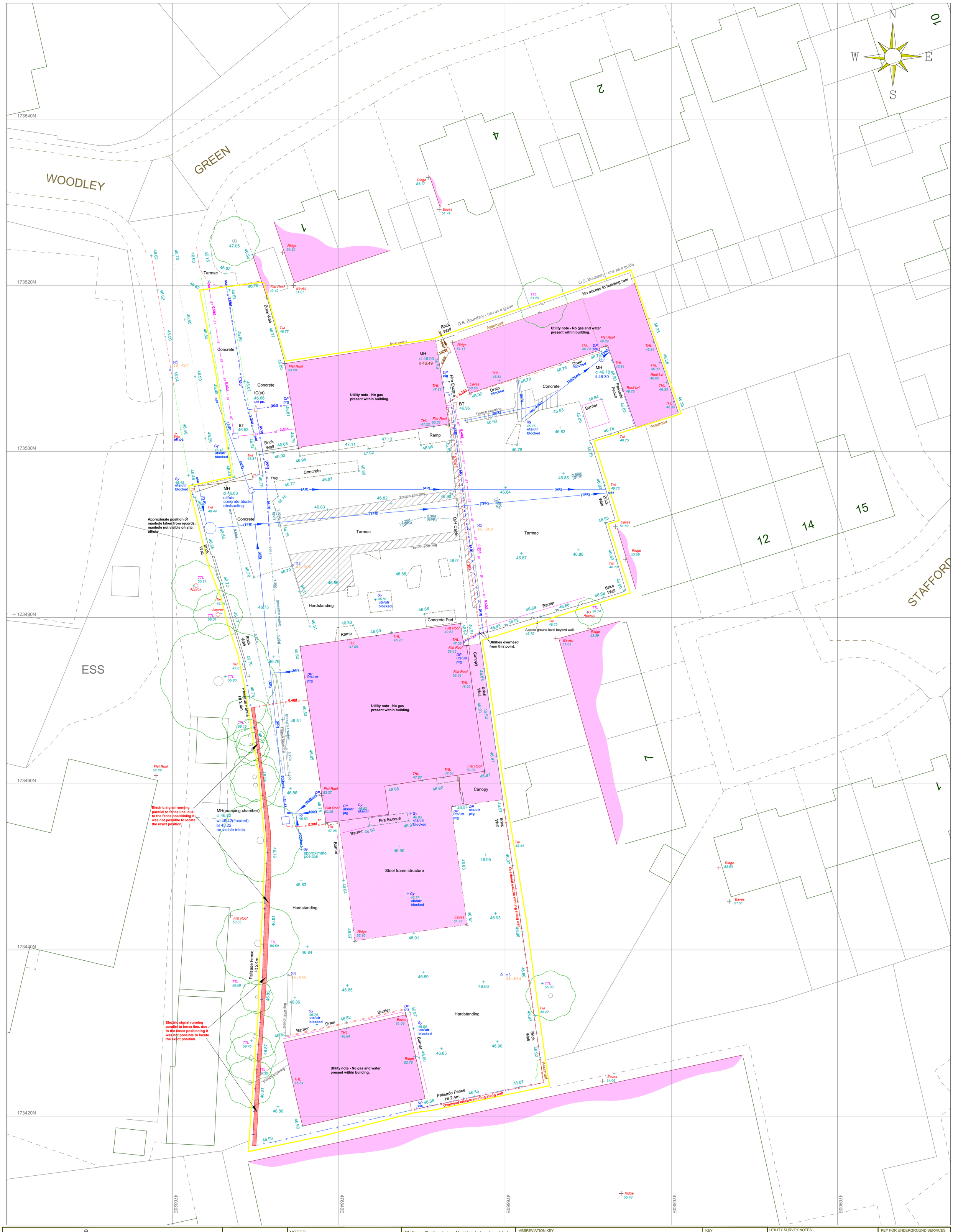

MAPMATIC
MEASURED SURVEYS
SETTING OUT · UTILITY SURVEYS · CCTV SURVEYS · CAMERA SURVEYS · FLOOD RISK ASSESSMENT
AERIAL SURVEYS · EARTHWORK CALCULATIONS · MEASURED BUILDING SURVEYS · TOPOGRAPHICAL SURVEYS

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CLIENT Perseus
PROJECT Travis Perkins, Church Road, Woodley, RG5 4QP
TITLE Topographical Survey

Scale	1: 200@A1
Drawn	MC
Level datum	GNSS
Job number	5331
Drawing no.	0001
Date	14.09.2022
Checked	AW
Grid orientation	GNSS
Revision	1
Sheet	1 of 1

NOTES:

All critical measurements should be checked on site prior to design. No liability will be taken for this plan if passed onto 3rd parties. Trees and other survey data may be omitted due to dense vegetation. Some services may have been omitted due to parked vehicles and vegetation. Please note the drainage information has been ascertained by visual inspection from the surface and therefore values are estimated.

This survey has been orientated to the Ordnance Survey (OS) national grid via a Global Navigation Satellite System (GNSS) and the OS Active Network (OS NET). A true OSGB36 coordinate has been established near to the site centre via a transformation using the OSTN15 & OSGM15 transformation models. The survey has been correlated to this point and a further one or more OSGB36 points established to create a true OS bearing for angle orientation. No scale factor has been applied to the survey therefore the coordinates shown are arbitrary and not true OS coordinates.
Please refer to the survey station table to enable establishment of the on-site grid.

RICS ICES

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Station	Easting (m)	Northing (m)	Level (m)
M1	476834.457	173486.317	46.800
M2	476855.597	173490.651	46.900
M3	476859.579	173437.036	46.894
M4	476833.890	173436.953	46.848
M5	476819.695	173509.839	46.667

REV	DATE	DESCRIPTION OF WORK	SURVEYOR	CHECKED BY
1	31.01.22	Utility Survey	BC	TH
-	--.--.--	-	-	-

ABBREVIATION KEY

AR	Assumed Route	PTG	Pipe to Ground	Av	Air valve	G:	Girth circumference	Sv	Stop valve
BD	Base Bend	PTS	Pipe to Surface	Bg	Back gully	Gy	Gully	TCB	Telephone call box
BD	Backdrop	RE	Rodding Eye	BH	Borehole	Ht:	Height	TTL:	Tree top level
BL	Bed Level	RWP	Rainwater Pipe	BM	Benchmark	IC	Inspection cover	THL	Threshold level
CL	Cover Level	SV	Stop Valve	Bo(i)	Bollard	IFL	Internal floor level	TCB	Telephone call box
CR	Cable Riser	SVP	Soil Vent Pipe	Bs	Bus stop	IL	Invert level	TL	Traffic light
DP	Down Pipe	TE	Trapped Exit	BT	British Telecom	Lb	Letter box	THL	Threshold level
EOT	End of Trace	TFR	Taken From Records	Bg	Back Gully	Lp	Lamp Post	Tp	Telegraph post
EP	Electricity Pole	TP	Telegraph Pole	CL	Cover Level	MG	Multigirth	Ts	Traffic signal
FH	Fire Hydrant	UTF	Unable to Find	CBX	Control box	MH	Manhole	TT	Tactile paving
G	Gully	UTL	Unable to Lift	CPS	Concrete paving slab	Mkr	Marker post	Twl:	Top of wall level
GV	Gas Valve	UTS	Unable to Survey	CTV	Cable TV cover	NVP	No visible pipes	UTL	Unable to lift
HOR	Head of Run	UTT	Unable to Trace	Elc	Electric cover	Pinv	Pipe invert	WL	Water level
HL	High Level	VP	Vent Pipe	Ep	Electricity post	Pb	Post box	Wm	Water meter
IC	Inspection Chamber	WL	Water Level	Er	Earth rod	Re	Rodding eye	Wo	Wash out
IL	Invert Level	WM	Water Meter	Fh	Fire hydrant	Sp	Sign post		
MH	Manhole	WO	Wash Out Valve	Fs	Flagstaff	St	Stop tap		
PR	Pipe Riser	D	Depth						

Ordnance Survey information is provided for a guide only.
OS BUILDING OUTLINE
OS DETAIL

Road
Drop Kerb
Verge Tarmac
Verge Concrete
Verge Grass
Verge
Tops
Bottoms

KEY

Floor level FL:
Ceiling level CL:
Suspended ceiling level SusCL:
Underside level U/S:
Sill height level SHL:
Head height level HHL:
Spring Point SPR:
Heater / radiator
Ground light
Door / sliding door
Inspection cover
Building line
Beam
Ceiling Break
Angled Ceiling
Window
Dimension

UTILITY SURVEY NOTES

Electromagnetic and/or ground penetrating radar techniques have been used to locate and map underground utilities and features on this drawing. Mapmatic have made every endeavour to make sure that the information contained within this drawing is accurate and of the highest quality. However, the results from these types of surveys are not infallible and should the location or depth of services/features be of particular importance to a project, then it is strongly advised that trial excavations should be undertaken to confirm survey results.

A single line indicating a utility may indicate the presence of multiple services within close proximity to each other. Where a single line type is shown we recommend hand digging within 0.5m, to expose hidden services.

Site specific notes–
The utility survey area is indicated on the drawing within the layer U/G-Survey Boundary.

The water riser within the building is PE and was unable to trace using radio detection, however a section of unidentified service was located using the ground penetrating radar which could account for the waters supply.

All gullies and rain water pipes are assumed to discharge into the storm wet well (pump chamber). At the time of the survey the pump chamber was not in operation and all the gullies and the whole system were backed up , assumed routes have been shown where plausible but are not to be treated as accurate. Mapmatic would strongly recommend having the system cleared and re-surveyed thereafter.

Any service shown with either TFR (taken from records) or AR (assumed route) written on it is to be used as a guide only and is not to be treated as accurate.

KEY FOR UNDERGROUND SERVICES

Foul water
Surface water
Other
Gas — GAS — GAS
Electric — E — E — E
Telephone — BT — BT
Cable TV — CATV — CATV
Unidentified — U — U — U
Water
Closed Circuit TV — CCTV — CCTV
Communications — COM — COM
Heating Pipe — HP — HP
Empty Duct — ED — ED
Fibre Optics — FO — FO
Vents — V — V — V
Pipe — PIPE — PIPE
Traffic Signal — TS — TS
Gauge Lines — G — G — G
Vapor Recovery — VR — VR
Offsets — O — O — O
Fuel — F — F — F

Where chamber extents are significantly greater than the cover size, their approximate extents are shown thus;