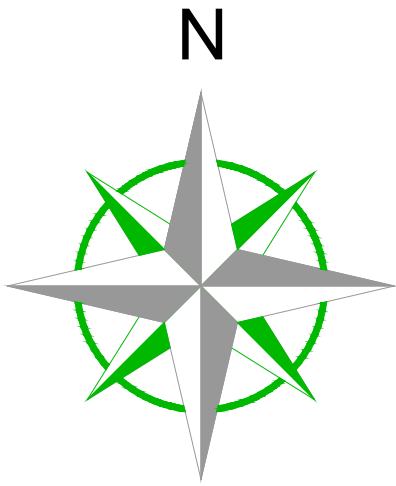




Station Information:

Station	Easting (m)	Northing (m)	Level (m)
GH1	506938.546	180254.736	30.515
GH2	506902.674	180299.947	30.567
GH3	506913.546	180352.037	30.777
GH4	506991.208	180343.932	30.625
GH5	506923.218	180307.232	30.489

OS Note:
Some services may have been omitted due to parked vehicles.
The Ordnance Survey tile is to be used as a guide only.

OS Buildings  Surveyed Buildings 

This survey has been orientated to the Ordnance Survey (OS) National Grid OSG836(15) via Global Navigational Satellite Systems (GNSS) and the O.S. Active Network (OS Net).

A true OSG836 coordinate has been established near to the site centre via a transformation using the OSTN15GB & OSGM15GB transformation models.

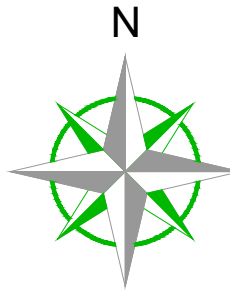
The survey has been correlated to this point and a further one or more OSG836 (15) points established to create a true O.S. bearing for angle orientation.

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 and datum.

Legend:



NOTES:

UTILITY KEY	
	ELECTRIC CABLE
	ELECTRIC & COMM CABLE
	TRAFFIC SIGNAL CABLE
	TELECOMS CABLE
	CABLE TELEVISION
	COMMUNICATION CABLE
	WATER PIPE
	GAS PIPE
	FOUL DRAINAGE
	CONTAMINATED SURFACE DRAINAGE
	SURFACE DRAINAGE
	COMBINED DRAINAGE
	PUMPING MAN
	FUEL PIPE
	VENT PIPE
	OFFSET FALL PIPE
	GAUGE LINE
	VAPOUR RECOVERY
	SERVICE DUCTS
	HEATING PIPES
	UNIDENTIFIED SIGNAL
	END OF TRACE

ABBREVIATIONS	
AC	ASBESTOS CEMENT
AR	ASSUMED ROUTE
BB	BASE BEND
BD	BACKDROP
BN	BOREROLE
BR	BRICK
CI	CAST IRON
CL	COVER LEVEL
CD	CONCRETE
CR	CATCHMENT
CP	CABLE RISER
DI	DUCTILE IRON
DP	DOWN PIPE
EOT	END OF TRACE
ER	EARTHING ROD
EV	ELECTRICITY POLE
FI	FIRE HYDRANT
GL	GULLY
GPR	GROUND PENETRATING RADAR
GRP	GLASS REINFORCED PLASTIC
GV	GAS VALVE
HL	HIGH LEVEL
FOR	HEAD OF RUN
IC	INSPECTION CHAMBER
IL	INVERT LEVEL
LP	LAMP POST
MM	MANHOLE
SW	SURFACE WATER SEWER
FW	FOUL WATER SEWER
CWS	COMBINED WATER SEWER
MM	MONITORING WELL
OH	OVERHEAD
OSA	OFF SURVEY AREA
PE	POLYETHYLENE
PL	PLASTIC
PR	PIPE RISER
PVC	POLYVINYL CHLORIDE
RT	ROCKING TIE
RWP	RAIN WATER PIPE
SA	STOP TAP
SI	SPIN IRON
ST	STOP TAP
S.T	STEEL
SVP	SOL VENT PIPE
TE	TELEGRAPH POLE
TL	TRAFFIC LIGHT
TYR	TAKEN FROM RECORD
UL	UNABLE TO LOCATE
UT/CCTV	UNABLE TO CCTV
UT/F	UNABLE TO FIND
UT/L	UNABLE TO LOCATE
UT/S	UNABLE TO SURVEY
UT/V	UNABLE TO VISUAL
UT/W	UNABLE TO WALK
UT/X	UNABLE TO X-RAY
UT/Y	UNABLE TO YIELD
UT/Z	UNABLE TO ZONE
UT/AA	UNABLE TO ACCESS
UT/AB	UNABLE TO APPROACH
UT/AC	UNABLE TO ASCEND
UT/AD	UNABLE TO DESCEND
UT/AE	UNABLE TO ENTER
UT/AF	UNABLE TO FILL
UT/AG	UNABLE TO GROUND
UT/AH	UNABLE TO HOLD
UT/AI	UNABLE TO IDENTIFY
UT/AJ	UNABLE TO JUMP
UT/AL	UNABLE TO LEAVE
UT/AM	UNABLE TO MEASURE
UT/AN	UNABLE TO NAME
UT/AO	UNABLE TO OBTAIN
UT/AP	UNABLE TO PUMP
UT/AQ	UNABLE TO QUOTE
UT/AR	UNABLE TO RECOVER
UT/AS	UNABLE TO SIGHT
UT/AT	UNABLE TO TEST
UT/AU	UNABLE TO TALK
UT/AV	UNABLE TO VARY
UT/AW	UNABLE TO WALK
UT/AX	UNABLE TO X-RAY
UT/AY	UNABLE TO YIELD
UT/AZ	UNABLE TO ZONE

DISCLAIMER

ELECTRO-MAGNETIC TECHNIQUES AND/OR GROUND PENETRATING RADAR HAVE BEEN USED IN THE LOCATION OF UNDERGROUND SERVICES. THE RESULTS ARE NOT FINAL AND THE LOCATIONS SHOULD BE CARRIED OUT TO CONFIRM SERVICE IDENTIFICATION, POSITIONS AND PARTICULARS. WHERE THERE ARE ANY DISCREPANCIES, THE DRAWING SHALL BE USED AS THE BASIS FOR THE LOCATION OF SERVICES. THE METHOD OF SURVEY DOES NOT DIFFERENTIATE BETWEEN LIVE AND DEAD SERVICES AND AS SUCH ALL SERVICES SHOULD BE TREATED AS LIVE.

WHERE SERVICES ARE NON-METALLIC POSITIONS MAY BE TAKEN FROM RECORDS, TRENCH SCARS & SURFACE DETAIL.

WHERE QUOTED, DEPTH ESTIMATIONS ARE GENERALLY TO THE CENTRE OF THE SERVICE. DEPTHS TO GRAVITY SEWERS AND DRAINS ARE GENERALLY TO INVERT LEVELS UNLESS OTHERWISE STATED.

PIPE SIZES WHICH CANNOT BE OBTAINED BY VISUAL SURVEY ARE TAKEN FROM RECORD DRAWINGS OR MARKER PLATES WHERE AVAILABLE.

WHERE GROUND PENETRATING RADAR HAS BEEN USED IT WILL PRIMARILY HAVE BEEN TO IDENTIFY UNDERGROUND UTILITIES AND TANKS ETC. BUT CANNOT GUARANTEE TO HAVE LOCATED ALL SUCH ITEMS. THE USE OF RADAR CAN BE LIMITED BY SURFACE CONDITIONS AND ALSO BY SOIL TYPE. DEPTH ESTIMATES WOULD NOT NORMALLY BE PROVIDED FOR SERVICES LOCATED WITH GPR.

Rev	Date	Description	Drawn	C. Rev



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Site Engineering
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Measured Building Survey
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CLIENT
Orchard Street

PROJECT
**Stone Close
West Drayton London
UB7 8JU**

TITLE
**Underground
Utility Survey**

SCALE	DATE
A1@ 1: 200	16.05.17
DRAWN	QUALITY REF
TO	12458

Level datum	See note
Grid orientation	See note
Job number	26992

Drawing No	26992_UG	Rev.	0
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Comments
This plan should only be used for its original purpose. Greenhatch Group accepts no responsibility for this plan if supplied to any party other than the original client.

All dimensions should be checked on site prior to design and construction.

Drainage information (where applicable) has been visually inspected from the surface and therefore should be treated as approximate only.

Notes: