

Co-ordinate Table

Station	Eastings	Northings	Level
1	399915.950	40714.919	153.438
2	399914.205	40704.808	181.546
3	399940.180	40696.561	175.664
4	399981.600	40682.461	175.058
5	400029.759	407048.298	176.583
6	400028.938	407111.697	176.640
7	399962.398	40763.770	183.374
8	400105.365	40709.314	179.936
9	400105.973	40714.961	179.205
10	400128.800	40724.086	179.803
11	400134.536	407308.734	179.533
12	400155.292	407363.676	182.769
13	400239.087	407368.937	191.299
14	400242.490	407306.340	191.139
15	400214.763	407254.542	190.420
16	400189.543	407174.279	178.640
17	400163.886	407082.233	186.378

GPS Note:
This survey is related to Ordnance Survey National Grid by GPS topographic methods. No scale factor has been applied to the survey information. All horizontal distances taken from this drawing are ground distances.

Every effort has been made to confirm drainage run, type and size on site, yet it is advised to check these details against statutory authority records before proceeding with any design.

Note: The underground services information has been supplied by A.E. Byrne

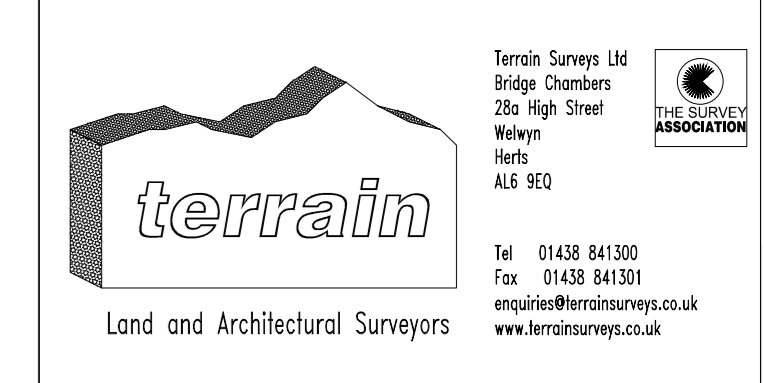
UTILITY KEY

	ELECTRIC CABLE
	TELEPHONE CABLE
	CABLE TELEVISION
	COMMUNICATION CABLE
	WATER PIPE
	GAS PIPE
	FULL DRAINAGE
	SURFACE DRAINAGE
	COMBINED DRAINAGE
	FUEL PIPE
	VENT PIPE
	OFFSET FILL PIPE
	GAUGE LINE
	VAPOUR RECOVERY
	SERVICE DUCTS
	UNIDENTIFIED
	END OF TRACE

ABBREVIATIONS

AR	ASSUMED ROUTE	PR	PIPE RISER
BE	BACKSLOPE	RE	RECORDING EYE
BD	BENCH MARK	RVP	RAINWATER PIPE
CP	CATCHPIT	SV	STOP VALVE
CL	COVER LEVEL	SV	SOIL VENT PIPE
CR	CABLE RISER	TP	TELEGRAPH POLE
DP	DOWN PIPE	TR	TRIAL RECORD
EP	ELECTRICITY POLE	UL	UNABLE TO SURVEY
ESC	EDGE OF CATCHPIT	UL	UNABLE TO LEFT
EOT	END OF TRACE	VL	WATER LEVEL
FM	FIRE MANDANT	VP	VENT PIPE
G	GALLY	VM	VAPOUR RECOVERY
GV	GAS VALVE	WM	WATER METER
IC	INSPECTION CHAMBER	WR	WASH OUT VALVE
I	INSET LEVEL	WV	WATER VALVE
LH	LAMP HOLE	WO	WASH OUT VALVE
LMP	LAMP POST		
MH	MANHOLE		
NV	NO VISIBLE EXIT		
NL	NOT LOCATED		
SWS	SURFACE WATER SEWER		
FWS	FULL WATER SEWER		
CWS	COMBINED WATER SEWER		

DISCLAIMER
ELECTROMAGNETIC TECHNIQUES AND/OR GROUND PENETRATING RADAR HAVE BEEN USED IN THE LOCATION OF UNDERGROUND SERVICES. THE RESULTS ARE NOT FINAL AND FINAL LOCATIONS SHOULD BE CARRIED OUT TO CONFIRM SERVICE IDENTIFICATION, POSITIONS AND PARTICULARS DEPTHS. WHERE THESE ARE CRITICAL, AN ADDITIONAL REASONABLE EFFORT HAS BEEN MADE IN SEARCHING AVAILABLE RECORD DRAWINGS, THE COMPLETE SETS OF UNDERGROUND SERVICES INFORMATION CANNOT BE GUARANTEED. THE METHODS 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 MARKS & SURFACE DETAIL.
WHERE QUOTED DEPTH ESTIMATIONS ARE GENERALLY TO THE CENTRE OF THE SERVICE, DEPTHS TO SURFACES AND DEPTHS 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. IF POSSIBLE WE WILL ALSO IDENTIFY UNDERGROUND STRUCTURES (TRENCHES) BUT CANNOT GUARANTEE TO LOCATE ALL SUCH ITEMS. THE USE OF RADAR CAN BE LIMITED BOTH BY SURFACE CONDITIONS AND ALSO BY SOIL TYPE. DEPTH ESTIMATES SHOULD NOT NORMALLY BE PROVIDED FOR SERVICES LOCATED WITH GPR.



Client
EFA

Project
SADDLEWORTH SECONDARY SCHOOL

Title
UNDERGROUND SERVICES

Drawn by: **JW** Checked by: **NDO**
Scale: **1:200@AQ** Date: **Oct 2014**
Drawing Number: **TS13-367SC/5** A
Sheet **2** of **5**
All levels related to the GPS network at Station 1.
100m 181.44m

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