



NOTES
 1. SITE GRID AND LEVELS ARE BASED UPON ORDNANCE SURVEY VIA THE ACTIVE GPS NETWORK.
 Do not scale this drawing.
 This drawing is copyright.

KEY - UTILITY SURVEY

---	POWER
---	DRAINAGE
---	GAS
---	BRITISH TELECOM/COMMS
---	WATER
---	UNKNOWN SERVICE
---	UNABLE TO TRACE
---	UNABLE TO TRACE FURTHER
---	ASSUMED ROUTE
---	AREA OF CONCERN
---	PIPE INTO GROUND
---	UNABLE TO LIFT
---	DEPTH TO SERVICE
---	BLOCKED

KEY - TOPOGRAPHICAL SURVEY

TSB	TRAFFIC SIGNAL BOX
PBS	POST BOX SQUARE
PR	POST BOX ROUND
GRS	GRILL SQUARE
GR	GRILL ROUND
B	BOLLARD
BS	BIN SQUARE
BR	BIN ROUND
SL	SPOT LEVEL
GR	GRASS
HA	HARDSTANDING
BL	BOLLARD
BB	BELISHA BEACON
RS	ROAD SIGN
SS	SIGN
SP	STREET NAMEPLATE
TS	TRAFFIC SIGNAL
TSC	TRAFFIC SIGNAL CONTROLLER
IC	INSPECTION COVER
MH	MANHOLE
MP	MARKER POST
TR	TELEPHONE POLE
LC	LIGHTING COLUMN
G	GULLY
WM	WATER METER
SV	SLUCE VALVE
ST	STOP TAP
FR	FIRE HYDRANT
BT	BRITISH TELECOM
CTV	CABLE TV
TV	CABLE TV
GV	GAS VALVE
BR	BRICK WALL
BW	BLOCK WALL
SW	STONE WALL
HT	HEDGEROW/TREE CANOPY
FK	FENCE
DK	DROPPED KERB

UNDERGROUND SERVICES

1) Although every effort has been made to trace underground services using radio detection, no guarantee can be given that all utilities have been found. Due to their non-conductivity it may not have been possible to trace certain types of plastic service pipes e.g. Gas & Water.

2) Service trial holes are recommended prior to excavation.

3) In the absence of evidence to the contrary, the routes of confirmed manhole connections are assumed to be direct and straight.

4) Underground service information should be read in conjunction with the latest statutory drawings.

5) Please note that it is illegal to lift telecommunications covers in public places - their routes can be ascertained by consulting the relevant statutory authorities. Any broken or damaged manholes were not lifted by Alpine Land Surveyors Ltd.

6) It is not possible to trace plastic pipes by radio detection e.g. Gas/Water, fibre optic cables or pipes of less than 100mm in diameter. The electronic detection of pipe/cables that can induce signal to pipes/cables that can induce signal to.

7) An attempt will be made to attempt to locate services not detectable by radio detection. All attempts are subject to retrieval of clear signals.

8) GPR Reflections / Ground Radar

9) The material surrounding and particularly above buried services can effect whether the services can be located using GPR. Reinforced concrete buried metallic objects, the presence of moisture or clay, and changes in the material construction can lead to poor data resolution.

10) As we have no information with respect to the material overlying ANY services the GPR method can only give a guaranteed accuracy of 50%. Both results using GPR are typically accurate to within 10% with a horizontal accuracy of 100mm. These figures will vary as the velocity of the ground is assumed at 80m/s. The results of the GPR survey should be treated with caution as there is no guarantee that any service shown actually exists, only a possibility that something can be seen on the records.


ALPINE LAND SURVEYORS
 17 The Pines
 Rhos, Aberystwyth
 Ceredigion, Wales
 SY23 3DA
 Tel: 01432 353333
 Fax: 01432 353334
 Email: info@alpsurveyors.co.uk

CLIENT
 CARMARTHENSHIRE COUNTY COUNCIL

PROJECT
 UTILITY SURVEY AT
 FFORD PENDRE,
 CARMARTHEN WEST

Scale: 1:250@A0 Date: 30.04.21
 Drawn: OZ Checked: TC
 Project Reference No: ALS/3576
 Drawing Number: CCC/FP/001