



**Comments**

This drawing is copyright & may not be reproduced without the permission of Robotic Surveys Ltd. Scaled dimensions should not be taken from this drawing unless authorized.

Any errors, omissions or anomalies subsequently found should be notified to Robotic Surveys Ltd, prior to commencement of works on site.

Drainage pipe sizes (where shown) have been gauged from the surface & should be regarded as approximate only.

Tree species (where shown) should be treated with caution & expert identification is advised.

Whilst every effort has been made to achieve accuracy on this plan, levels should be checked prior to construction.

Electromagnetic & Ground Penetrating Radar (G.P.R.) techniques have been used to locate underground utilities & features on this drawing. Robotic Surveys Limited has made every effort to make sure the information contained within this drawing is accurate.

Where quoted, depth information of underground services/features is stated. Depths are generally within +/- 10% accuracy & can not be guaranteed. Any depths shown to draw are usually to invert level unless otherwise stated. Where report drawings have been requested by the client, any information taken from these drawings is not guaranteed by Robotic Surveys Ltd as historic record information is often incomplete.

Robotic Surveys Limited use skilled staff & modern calibrated equipment. However, the completeness of any underground utility survey is not 100% guaranteed. It is therefore strongly advised that all excavations using HSG-47 practice should be undertaken to confirm survey results.

A single line indicating a utility/location may indicate the presence of multiple services within close proximity of each other. Where a single line type is shown, we recommend HSG-47 safe digging practice within 0.5m to expose hidden services.

**Datum details**  
Survey related to GPS grid & datum - OSTN15 (Tremble VRS NOW system)

**Legend**

Av - Air valve	Ma - Manhole
Ba - Ballast basin	Ma - Marker
Bs - Bollard	OSM - Ordnance Survey Benchmark
Br - Boundary	FG - Face n ground
BTG - BT Insp. cover	Fi - Face
Br - BT base	Rm - Rainwater pipe
Ca - Cable Television	Rc - Road sign
Dk - Drop kerb	Rb - Rubbish bin
Er - Earth rod	Sp - Sign post
Ep - Electricity pole	Sv - Valve valve
Ek - Electricity knob	Sp - Stop sign
Elm - Electricity meter	49.850 - Spot level
Es - Electricity supply	Sc - Stop rock
Fh - Fire hydrant	St - Stop tap
Fi - Flag pole	Tc - Telephone call box
Fl - Floodlight	Tp - Telegraph pole
Fl - Flooded level	Tt - Traffic light level
Go - Gate	Tf - Top of wall level
Gp - Gate post	Tl - Traffic light top cover
Gr - Gully	Tr - Traffic light
H - Headroom	U.L. - Unable to lift
Ic - Inspection cover	U.L.F. - Unable to trace further
Inv - Invert	Vp - Vent pipe
Lp/Lc - Lamp post	W - Wash out
Ld - Light box	W - Water level
Ld - Lighting post	Wm - Water meter

**Symbols**

149.5	Contour (major)	Gate
Contour (minor)	Hedge	Foliage
Surface edge	Tree	Survey Station
Fence	Electricity lines	Borehole
Banking	Rock face	Underground Electric
Building	Underground Gas	Underground Firewater
Calling Height	Underground Sewer	Underground Storm Water
FTC - Floor to Ceiling Height	Underground Four Water	Underground Service
CTH - Cill to Head Height	Underground Drain	Underground Drain
USB - Underneath/Shift of Beam	Underground Drain	Underground Drain

**Sheet Layout**

1.	2.
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**Survey Stations**

Stn	Easting(m)	Northing(m)	Level	Type
S001	303692.517	292339.799	127.413	P.K. nail
S002	303698.045	292323.328	126.983	P.K. nail
S003	303687.715	292297.048	125.917	Hib nail
S004	303691.267	292391.570	124.778	P.K. nail
S005	303552.967	292352.156	125.504	P.K. nail
S006	303558.660	292408.548	124.657	Peg
SP1	303522.122	292356.114	126.301	Peg

**Client**  
Mid Wales Property Limited

**Project**  
Land adjacent Plas Maldwyn off Main Street, Caersws Powys SY17 5HA

**Title**  
Topographical Survey - 2d

**Drawing No:** MWPMWPJ00701  
**Scale:** 1:200 @ A0  
**Rev:** MB  
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**Robotic Surveys Ltd**  
Land & Building Surveys  
Tel/Fax: 01743 242873  
Mobile: 07814 618711  
Email: info@roboticsurveys.co.uk  
Web: www.roboticsurveys.co.uk