Scale 1:200

2 0 2 4 6 8 10 20

Distances in metres

N

National Grid

319650E 319700E 319750E

209150N 209100N 209050N 209000N

Sheet Layout:

GC4327 Sheet 1

GC4327 Sheet 2

Abbreviations:

B/RW	brick retaining wall	FFL	finished floor level	RE	rodding eye	ht	height (of feature)
BB	Bellaho beacon	FS	flagstaff	RG	road gully		arrow indicates up (unless otherwise stated)
BI	bollard (illuminated)	G/W	gabion wall	RP	reflector post		
BL	bollard	GP	gate post	RSJ	road sign	▲9002	survey control point
BT	telecom inspection cover	GV	gas valve	SWP	rain water pipe		
C/W	crib wall	HR	handrail	S/RW	stone retaining wall	Drainage features:	
C/RW	concrete retaining wall	HY	fire hydrant	Sap.	sapling	CL	cover level
CATV	cable television cover	IC	inspection cover (general)	SP	sign post	IO	invert depth
CB	close boarded	IR	metal railings	SPS	stone paving slabs	IL	invert level
CM	corrugated metal	IW	intervewn wood slat	stay	stay wire	FWS	foul water sewer
conc.	concrete	JB	junction box	STN	survey control station	SWS	storm water sewer
CP/BW	concrete post & barbed wire	KO	kerb outlet	SVP	soil vent pipe	CWS	combined water sewer
CP/CS	concrete post & chain link	LP	lamp post	SWP	salt vent pipe	U/TD	unable to determine
CP/M	concrete post & mesh	MH	manhole	tact.	tactile paving	U/TL	unable to lift
CP/W	concrete post & wire mesh	MP	mile post	THL	threshold level	#	pipe diameter (mm)
CPS	concrete paving slabs	MR	metal rail	TL	traffic light	SL	soffit level
DC	drainage channel	NB	name board	TP	telephone pole		arrow indicates direction of flow
DK	drop kerb	O/H	overhead	VP	vent pipe		
DR	drain	OB	open boarded	Wbsp	wood lap		
EB	electricity pole	OHC	overhead cable/wire	WM	water meter		
ER	earthing rod	P/C	post & chain fence	WP/BW	wood post & barbed wire		
FB	flower bed	PA	paling	WP/R	wood post & rail		
		PO	post	WP/W	wood post & wire		

Notes:

Revisions:

THE SURVEY ASSOCIATION

AZIMUTH GEO DATA-AZIMUTH LAND SURVEYS

Ordnance Survey Licensed Partner

Planning Maps - Historic Mapping - Raster Mapping - Aerial Imagery - Historical Mapping - Environmental Data - Land Registry Title Plans

www.azimuthgeodata.co.uk

ALS

Topographical Surveys
Engineering Surveys
Measured Building Surveys
Boundary Surveys
OS Mapping and Data Centre
Underground Utility Surveys

AZIMUTH LAND SURVEYS LIMITED
28 CARDIFF ROAD NEWPORT S.WALES NP20 2ED UK
e-mail: enquiries@azimuthgroup.co.uk Web: www.azimuthlandsurveys.co.uk
Tel: 01633 263575 Fax: 01633 213767

The Copyright in the Plans remain vested in Azimuth Land Surveys Ltd who will grant an irrevocable licence for use by the Client upon receipt of full payment. Plans provided prior to receipt of payment under a temporary licence. All property rights arising out of the provision of the Services are the property of the Azimuth Land Surveys Ltd and the Client shall not cause or permit anything that might damage, endanger them or alter, deface, remove any indications as to the source of the Plans. No liability for accuracy shall extend beyond the specified scale of graphical mapping, digitised data or any other accuracy specified. All services to be field verified. Any survey control issued within this drawing has been established for survey use only.

Blackwood Engineering Ltd, Unit 21 Rising Sun Industrial Estate, Blaina, Abertillery, NP13 3JW

Topographical Survey - Sheet 1 of 2

Client	Blackwood Engineering						
Coord Grid	Plane Grid based on National Grid			Level Datum	Level Datum via Active GPS Network		
Scale	1:200@A0	Date	Nov 2022	Status	Final	Job No.	GC4327
Surveyed	ALS	Drawn	L. Rajnohova	Checked	R. Williams	Dwg. No.	GC4327-01

Scale 1:200

2 0 2 4 6 8 10 20

Distances in metres

N

National Grid

Sheet Layout:

GC4327 Sheet 1

GC4327 Sheet 2

THE SURVEY ASSOCIATION

AZIMUTH GEO DATA-AZIMUTH LAND SURVEYS

Ordnance Survey Licensed Partner

Tiering Map - Hard Mapping - Raster Mapping - Vector Mapping - Digital Terrain Models - Environmental Data - Land Registry Title Plans

www.azimuthgeodata.co.uk

Abbreviations:

ab/rw	brick retaining wall	FFL	finished floor level	HE	middling ave		
BB	belisha beacon	GT	gulley trap	HT	road light		
BL	bollard (illuminated)	GV	gate valve	IP	reflector post		
BT	bollard	HV	hydrant valve	IRW	iron rail fence		
CB	combined inspection cover	HY	fire hydrant	LP	lamp post		
CB	catch basin	IC	fire hydrant cover (general)	MH	manhole		
C/RW	concrete retaining wall	IR	metal railings	MP	sign post		
CC	concrete kerb and channel	IS	inspection chamber slot	OG	overhead gas slabs		
CI	close boarded	JB	junction box	PB	entry wire		
CM	corrugated metal	KO	kerb outlet	PO	electricity pylon		
CP	cattle grid	LB	letter box	RP	road sign		
CP/RW	concrete post & barbed wire	MH	manhole	TB	telephone pillar		
CP/TS	concrete post & chain link	MK	marker	TBL	threshold level		
CP/W	concrete post & wire mesh	MP	mile post	TC	traffic count		
CP/WW	concrete post & wooden slats	NP	notice post	TP	telephone pole		
CS	drainage channel	OH	overhead	TS	cable tv		
CT	cable tv	OHC	overhead cable/wire	VP	vent pipe		
DP	electricity pole	P/C	post & chain fence	WP	water tap		
EP	electricity pole	P/W	post & wire	WP/BR	wood post & barbed wire		
FB	flower bed	PO	plant	WP/R	wood post & rail		
				WP/W	wood post & wire		

H	height (of feature)
↑	arrow indicates up (unless otherwise noted)
A002	survey control point

Drainage features

CL	cover level
D	invert depth
IL	invert level
MH	manhole number
SW	storm water sewer
UNK	unable to determine
US	upstream
↑	also denotes (mm) width level
↑	also denotes direction of flow

Notes:

Revisions:

ALS

- Topographical Surveys
- Engineering Surveys
- Measured Building Surveys
- Boundary Surveys
- OS Mapping and Data Centre
- Underground Utility Surveys

AZIMUTH LAND SURVEYS LIMITED

28 CARDIFF ROAD NEWPORT S.WALES NP20 2ED UK

e-mail: enquiries@azimuthgroup.co.uk Web: www.azimuthlandsurveys.co.uk

Tel: 01633 263575 Fax: 01633 213767

The Copyright in the Plans remain vested in Azimuth Land Surveys Ltd who will grant an irrevocable licence for use by the Client and its professional advisers for the purpose of the Services only. Any unauthorised reproduction or use of the Plans will infringe the rights of the provision of the Services are the property of the Azimuth Land Surveys Ltd and the Client shall not cause or permit anything that might damage, endanger them or other, deface, remove any indications on to the source of the Plans. No liability is accepted for any use of the Plans for purposes other than those for which they were originally prepared and provided. All services to be field verified. Any survey control issued within this drawing has been established for survey use only.

Blackwood Engineering Ltd, Unit 21
Rising Sun Industrial Estate, Blaina, Abertillery, NP13 3JW

Topographical Survey - Sheet 2 of 2

Client	Blackwood Engineering						
Coord Grid	Plane Grid based on National Grid		Level Datum	Level Datum via Active GPS Network			
Scale	1:200@A0	Date	Nov 2022	Status	Final	Job No.	GC4327
Surveyed	ALS	Drawn	L. Rajnohova	Checked	R. Williams	Dwg. No.	GC4327-01