



chamber	easting	northing	type	cover level	invert level	depth	cover	pipe ref	pipe out level	dia.	pipe in level	dia.
MH1	309064.429	231600.830	9a	99.200	98.300	0.900	D400	1	98.300	150	98.300	150
MH2	309053.157	231609.508	8	99.100	98.100	1.000	D400	2	98.100	225	98.100	150
MH3	309072.088	231636.397	8	98.770	97.770	1.000	C250	3	97.770	225	97.770	225
MH3a	309057.877	231645.455	8	98.670	97.670	1.000	D400	3a	97.770	225	97.770	150
MH4	309050.605	231650.021	1b	98.670	97.570	1.100	B125	to interceptor	97.570	225	97.570	150
MH5	309055.893	231688.420	7	95.500	92.450	3.050	B125	7	92.750	300	92.750	150
MH6	309062.540	231714.183	hydraulic chamber	94.200	90.800	3.400	B125	8	90.800	225	90.800	225
MH7	309085.940	231720.988	9b	90.300	89.100	1.200	B125	9	89.100	225	89.100	225
MH8	309059.716	231562.174	9a	100.200	99.309	0.891	B125	16	99.309	150	15	2.700
MH9	309025.499	231587.092	9a	98.500	98.714	0.214	B125	17	98.714	150	16	42.483
MH10	309046.013	231614.854	9a	99.150	98.235	0.915	D400	18	98.235	150	17	34.205
existing MH	309086.000	231740.000	n/a	88.928	86.628	2.300	n/a	existing	9	18.180	87.728	225
FMH1	309093.91	231641.98	9a	99.27	97.79	1.480	B125	11	97.730	150	10	12.420
FMH2	309065.731	231616.356	*	98.622	97.972	0.65	B125	existing	12	45.2	97.972	150
FMH3	309057.183	231603.283	*	98.622	97.972	0.65	B125	existing	12	45.2	97.972	150
FMH4	309063.2653	231604.0554	*	98.838	98.188	0.65	D400	existing	150	98.188	150	
FMH5	309055.582	231643.114	9a	98.825	97.525	1.3	D400	existing	150	97.525	150	

chamber	easting	northing	type	cover level	invert level	depth	cover	pipe ref	pipe out level	dia.	pipe in level	dia.
MH 9:			Chamber type 9a with 450mm x 450mm B125 cover and frame.									
Cover Level:	99.500m											
Invert Level:	98.714m											
Depth to invert:	0.786m											

chamber	easting	northing	type	cover level	invert level	depth	cover	pipe ref	pipe out level	dia.	pipe in level	dia.
MH 8:			Chamber type 9a with 450mm x 450mm B125 cover and frame.									
Cover Level:	99.300m											
Invert Level:	98.300m											
Depth to invert:	0.98m											

chamber	easting	northing	type	cover level	invert level	depth	cover	pipe ref	pipe out level	dia.	pipe in level	dia.
PG1	309072.606	231553.807	BG	100.200	99.600	0.600	B125	13.000	99.600	150	N/A	N/A
PG2	309070.251	231550.673	BG	100.200	99.550	0.650	B125	14.000	99.550	150	3.540	99.550
PG3	309058.027	231559.505	BG	100.200	99.347	0.853	B125	15.000	99.347	150	14.514	99.347
PG4	309012.642	231627.101	BG	99.752	99.152	0.600	B125	12.000	99.347	150	N/A	N/A
PG5	309027.906	231648.178	BG	99.580	98.488	1.092	B125	5.000	98.488	150	12.000	98.488

chamber	easting	northing	type	cover level	invert level	depth	cover	pipe ref	pipe out level	dia.	pipe in level	dia.
PG1	309072.606	231553.807	BG	100.200	99.600	0.600	B125	13.000	99.600	150	N/A	N/A
PG2	309070.251	231550.673	BG	100.200	99.550	0.650	B125	14.000	99.550	150	3.540	99.550
PG3	309058.027	231559.505	BG	100.200	99.347	0.853	B125	15.000	99.347	150	14.514	99.347
PG4	309012.642	231627.101	BG	99.752	99.152	0.600	B125	12.000	99.347	150	N/A	N/A
PG5	309027.906	231648.178	BG	99.580	98.488	1.092	B125	5.000	98.488	150	12.000	98.488

# DRAINAGE PLAN

Scale 1:500

**Project:** Powys Waste Transfer Stations  
**Brecon**

**Drawing Title:** Drainage  
**Sheet 1 of 2**  
**AS BUILT**

**Revision:** Z

**As shown**

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**Client:** Powys Council

**Notes:**

1. This drawing should not be scaled and any dimensions indicated on this drawing are in metres unless otherwise stated.
2. All dimensions are in metres unless otherwise stated.
3. Hydrobrake Chamber outflow to be limited to 20L/s.
4. Oil separator and alarm system to be installed by competent professionals.
5. All drainage levels to be confirmed after the completion of the building design.
6. The septic tank to be installed as per instructions in the technical data sheet UTG9502.
7. All drainage features to be installed in accordance to manufacturers instructions.
8. Manhole type to be Highway Construction Detail, F series.
9. For details of roof sewer from welfare unit refer to drawing FC-022.
10. Location and number of rainwater downpipes from roof to be determined by the engineer (dependent on roof falls). Positioning of relevant gullies to be agreed with the engineer.
11. For details of drainage to dewatering bays refer to drawing SD 1946-0103

**Key:**

- Foul water pipe
- Gully water pipe