

Manhole Name	Cover Level (m)	MH Depth to IL (m)	Manhole Dia (mm)	Cover Loading Class	Pipe Out PN	Pipe Out Invert Level (m)	Pipe Out Diameter (mm)	Pipe In PN	Pipes In Invert Level (m)	Pipes In Diameter (mm)	Remark
S01	30.184	1.350	1200	C250	S1.000	28.834	150				Ridgistorm Separate Catchpit
S02	30.247	1.350	1200	B125	S2.000	28.897	150				Ridgistorm Separate Catchpit
S03	30.230	1.557	1200	B125	S2.001	28.673	150	S2.000	28.673	150	
S04	30.182	1.550	1200	C250	S1.001	28.633 Orifice 56mm	150	S1.000	28.633	150	Pipe Out with Orifice Plate 56mm Dia
								S2.001	28.633	150	
S05	30.128	1.665	1200	D400	S1.002	28.463	150	S1.001	28.463	150	
S06	29.627	1.360	1200	D400	S1.003	28.267	150	S1.002	28.267	150	
S07	29.701	1.514	1200	D400	S1.004	28.186 Orifice 61mm	150	S1.003	28.186	150	Ridgistorm Separate Catchpit; Pipe out with Orifice Plate 61mm Dia
S08	30.311	1.350	1200	B125	S3.000	28.961	150				Ridgistorm Separate Catchpit
S09	30.660	2.146	1200	B125	S3.001	28.515 Orifice 62mm	150	S3.000	28.515	150	Pipe out with Orifice Plate 32mm Dia
S10	30.228	1.884	1200	D400	S3.002	28.344 Orifice 32mm	150	S3.001	28.344	150	Ridgistorm Separate Catchpit; Pipe out with Orifice Plate32mm
S11	30.099	1.826	1200	D400	S3.003	28.273 Orifice 32mm	150	S3.002	28.273	150	Pipe out with Orifice Plate 32mm Dia
S12	30.082	2.170	1200	D400	S1.005	27.911	150	S1.004	27.911	150	
								S3.003	27.911	150	
S13	29.673	2.025	1200	D400	S1.006	27.648 Orifice 52mm	150	S1.005	27.648	150	Ridgistorm Separate Catchpit; Pipe out with Orifice Plate 52mm Dia
S14	29.745	2.190	1200	D400	S1.007	27.554	150	S1.006	27.554	150	Hydro-Brake Control Chamber
S15	30.517	1.350	1200	B125	S4.000	29.167	150				Ridgistorm Separate Catchpit
S16	30.371	1.533	1200	B125	S4.001	28.838 Orifice 62mm	150	S4.000	28.838	150	Pipe out with Orifice Plate 32mm Dia
S17	30.259	1.461	1200	B125	S4.002	28.798	150	S4.001	28.798	150	Ridgistorm Separate Catchpit
S18	29.824	1.350	1200	B125	S4.003	28.474 Orifice Plate	150	S4.002	28.474	150	Pipe out with Orifice Plate 32mm Dia
S19	29.579	1.348	1200	B125	S4.004	28.23	150	S4.003	28.23	150	
S20	29.423	1.349	1200	D400	S4.005	28.074	150	S4.004	28.074	150	
S21	29.426	1.397	1200	D400	S4.006	28.029 Orifice 32mm	150	S4.005	28.029	150	Ridgistorm Separate Catchpit; Pipe out with Orifice Plate 32mm Dia
S22	29.371	1.990	1200	D400	S1.008	27.381	150	S1.007	27.381	150	
								S4.006	27.381	150	
S23	29.252	1.971	1200	D400	S1.009	27.28	150	S1.008	27.28	150	
S24	29.224	2.041	1200	D400	S1.010	27.184	150	S1.009	27.184	150	
S25	29.177	1.350	1200	C250	S5.000	27.827	150				Ridgistorm Separate Catchpit
S25'	29.134	1.437	1200	D400	S5.001	27.697 Orifice 56mm	150	S5.000	27.697	150	Pipe out with Orifice Plate 56mm Dia
S26	29.140	2.018	1200	D400	S1.011	27.122	150	S1.010	27.122	150	
								S5.001	27.122	150	
S27	28.468	1.629	1200	D400	S1.012	26.838 Orifice 74mm	150	S1.011	26.838	150	Ridgistorm Separate Catchpit; Pipe out with Orifice Plate 74mm Dia
S28	29.302	1.350	1200	B125	S6.000	27.952	150				Ridgistorm Separate Catchpit
S29	28.638	1.350	1200	B125	S6.001	27.288 Orifice 39mm	150	S6.000	27.288	150	Pipe out with Orifice Plate 39mm Dia
S30	28.580	1.350	1200	B125	S6.002	27.23	150	S6.001	27.23	150	Ridgistorm Separate Catchpit
S31	28.206	1.350	1200	B125	S6.003	26.856 Orifice 39mm	150	S6.002	26.856	150	Pipe out with Orifice Plate 39mm Dia
S32	28.162	1.351	1200	B125	S6.004	26.811	150	S6.003	26.811	150	
S33	29.101	1.351	1200	D400	S7.000	27.75	150				
S34	28.252	1.350	1200	D400	S7.001	26.902 Orifice 52mm	150	S7.000	26.902	150	Ridgistorm Separate Catchpit; Pipeout with Orifice Plate 52mm Dia
S35	27.944	1.349	1200	D400	S6.005	26.595 Orifice 90mm	150	S6.004	26.595	150	Ridgistorm Separate Catchpit; Pipe in with Orifice Plate 52mm Dia; Pipe out with Orifice Plate 90mm Dia
								S7.001	26.595	150	
S36	27.823	1.380	1200	D400	S1.013	26.444	150	S1.012	26.444	150	
								S6.005	26.444	150	
S37	28.580	1.350	1200	D400	S8.000	27.23	150				Ridgistorm Separate Catchpit
S38	27.882	1.350	1200	D400	S8.001	26.532 Orifice 74mm	150	S8.000	26.532	150	Pipe out with Orifice Plate 74mm Dia
S39	27.838	1.512	1200	D400	S1.014	26.326	150	S1.013	26.326	150	
								S8.001	26.326	150	
S40	28.053	1.350	1200	D400	S9.000	26.702	150				
S41	27.628	1.350	1200	D400	S9.001	26.278 Orifice 52mm	150	S9.000	26.278	150	Ridgistorm Separate Catchpit; Pipe out with Orifice Plate 52mm Dia
S42	27.444	1.354	1200	D400	S9.002	26.09	150	S9.001	26.09	150	
S43	27.768	1.784	1200	D400	S1.015	25.983	150	S1.014	25.983	150	Ridgistorm Separate Catchpit
								S9.002	25.983	150	
S44	27.656	1.739	1200	C250	S1.016	25.917	225	S1.015	25.917	150	Complex Control Chamber Hydro-Brake 1 MDSHE-0176 -1450-0700-1450 Hydro-Brake 2 MDSHE-0229-2600-0500-2600

Attenuation Tank Number	Plan Area (m2)	Depth (m)	Gross Volume (m3)	Effective Volume (m3)	Type of control
1	350.00	0.40	140.00	133.00	Orifice Plate 56mm Dia
2	120.00	0.80	96.00	91.20	Orifice Plate 61mm Dia
3	315.70	0.80	252.00	240.00	Orifice Plate 40mm Dia
4	18.40	0.80	14.70	14.00	Orifice Plate 32mm Dia
5	78.90	0.80	63.20	60.00	Orifice Plate 32mm Dia
6	150.00	0.80	120.00	114.00	Orifice Plate 52mm Dia
7	157.90	1.20	189.50	180.00	Hydro-Brake MD-SCL-0145-1200-1200-1200
8	150.00	0.80	115.80	110.00	Orifice Plate 32mm Dia
9	144.70	0.80	200.00	190.00	Orifice Plate 32mm Dia
10	80.00	0.80	64.00	60.80	Orifice Plate 32mm Dia
11	90.00	0.40	36.00	34.20	Orifice Plate 56mm Dia
12	150.00	0.80	120.00	114.00	Orifice Plate 74mm Dia
13	100.00	0.40	40.00	38.00	Orifice Plate 39mm Dia
14	150.00	0.40	60.00	57.00	Orifice Plate 39mm Dia
15	237.00	0.80	189.50	180.00	Orifice Plate 52mm Dia
16	92.10	0.80	73.70	70.00	Orifice Plate 90mm Dia
17	72.30	0.80	57.80	54.90	Orifice Plate 74mm Dia
18	164.50	0.80	131.60	125.00	Orifice Plate 52mm Dia

Safety, Health & Environmental Information:
In addition to the hazards and risks normally associated with the types of work detailed on this drawing, please note the significant hazards identified by symbols below,

 INDICATES A RESIDUAL RISK AS A WARNING

 INDICATES A RESIDUAL RISK FOR INFORMATION

and described below:

Construction/Maintenance/Cleaning/Demolition

- General Notes:**
- Do not scale from this drawing.
 - All dimensions are in meters (m), all levels in metres (m) unless noted otherwise.
 - Discrepancies or omissions are to be reported to the Engineer prior to work commencing.
 - Materials and workmanship are to comply in all respects with current British Standard Specifications, Codes of Practice, and Building Regulations Approved Documents.
 - The copyright of this drawing is vested in the Engineer and must not be copied or reproduced without written consent.
 - The Contractor is to check and verify all building and site dimensions, levels and sewer invert levels at connection points before work commences.
 - This drawing is to be read in conjunction with all relevant specifications and drawings issued by the Engineer, Architect and other Specialists.
 - Details and locations of existing services are based on the Topographical Survey and Utility Records received from Third Parties and Service Providers respectively, and should be considered indicative and approximate only. The existing services shown on drawings may not be exhaustive. The Contractor shall use Trial Pits and other approved methods to accurately locate and verify the positions and depths of all existing services before commencement of works on site.

P01	VI	AM	11/03/21	Preliminary Issue
Rev	By	Chk'd	Date	Description

PRELIMINARY DRAWING
This drawing is not to be used for construction

Client



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Project

The Bridgeway Centre,
Bridgeway Road, Wrexham

Drawing

Proposed Surface Water
Manhole Schedule

By/Chk'd	VI/AM	Date	11/03/21
Drawing No.	BCW-BML-ERD-ZZ-DR-C-0506		
BML Job No.	1000-01		
Drawing Scale at A1:	1:20		
CAD Filename:	C:\Users\Nathan.Aaron\Documents\BML - Shared\Projects\050521\Barnsley Centre, Wrexham\BML - Design\Proposed\050521\BML-ERD-ZZ-DR-C-0506.dwg		