

Surface Water Manhole Schedule							
Structure Reference	Chamber Type	Cover Level (mAOD)	Depth to Invert (m)	Cover Details	Pipe Invert Level (mAOD)	Coordinates E, N	Comments
B-SW1	1500Ø Type A	232.464	3.606	Type: D400 Size: 600 x 600	450 Ø = 228.858 (IN) 450 Ø = 228.858 (OUT)	E: 411299.993 N: 414495.133	
B-SW2	1500Ø Type B	230.565	1.972	Type: D400 Size: 600 x 600	450 Ø = 228.594 (IN) 450 Ø = 228.594 (OUT)	E: 411331.025 N: 414504.909	
B-SW3	1200Ø Type C	228.826	1.485	Type: D400 Size: 600 x 600	150 Ø = 227.341 (IN) 150 Ø = 227.341 (OUT)	E: 411361.861 N: 414501.421	
B-SW4	1800Ø Type C	228.764	1.953	Type: D400 Size: 1200x675	150 Ø = 227.111 (IN) 450 Ø = 226.811 (IN) 450 Ø = 226.811 (OUT)	E: 411357.757 N: 414513.330	
B-SW5	1200Ø Type C	231.602	1.350	Type: D400 Size: 600 x 600	150 Ø = 230.252 (IN) 150 Ø = 230.252 (OUT)	E: 411258.700 N: 414666.928	
B-SW6	1200Ø Type C	227.941	1.425	Type: D400 Size: 600 x 600	150 Ø = 226.591 (IN) 225 Ø = 226.516 (OUT)	E: 411318.174 N: 414667.944	
B-SW7	1200Ø Type C	226.848	1.490	Type: D400 Size: 600 x 600	225 Ø = 225.433 (IN) 300 Ø = 225.358 (OUT)	E: 411333.862 N: 414657.239	
B-SW8	1800Ø Type B	227.462	2.791	Type: D400 Size: 600 x 600	300 Ø = 224.671 (IN) 150 Ø = 224.821 (IN) 300 Ø = 224.671 (OUT)	E: 411357.631 N: 414591.130	
B-SW9	1200Ø Type B	231.523	1.770	Type: D400 Size: 600 x 600	150 Ø = 229.753 (IN) 150 Ø = 229.753 (OUT)	E: 411271.186 N: 414652.762	
B-SW10	1200Ø Type B	231.780	2.261	Type: D400 Size: 600 x 600	150 Ø = 229.594 (IN) 225 Ø = 229.519 (OUT)	E: 411273.721 N: 414637.112	
B-SW11	1350Ø Type B	231.020	2.177	Type: D400 Size: 600 x 600	225 Ø = 228.843 (IN) 150 Ø = 228.918 (IN) 225 Ø = 228.843 (OUT)	E: 411301.675 N: 414588.484	
B-SW12	1500Ø Type B	230.530	1.826	Type: D400 Size: 600 x 600	225 Ø = 228.704 (IN) 150 Ø = 228.779 (IN) 225 Ø = 228.704 (OUT)	E: 411309.004 N: 414568.991	
B-SW13	1200Ø Type C	231.347	1.622	Type: D400 Size: 600 x 600	150 Ø = 229.725 (IN) 150 Ø = 229.725 (OUT)	E: 411298.848 N: 414561.501	
B-SW14	1500Ø Type B	230.494	1.814	Type: D400 Size: 600 x 600	150 Ø = 228.756 (IN) 225 Ø = 228.681 (IN) 225 Ø = 228.681 (OUT)	E: 411310.240 N: 414565.702	
B-SW15	1350Ø Type C	227.728	1.497	Type: D400 Size: 600 x 600	225 Ø = 226.231 (IN) 150 Ø = 226.306 (IN) 225 Ø = 226.231 (OUT)	E: 411355.697 N: 414580.919	
B-SW16	1800Ø Type B	227.575	2.964	Type: D400 Size: 600 x 600	300 Ø = 224.611 (IN) 225 Ø = 226.032 (IN) 525 Ø = 224.611 (OUT)	E: 411360.700 N: 414582.593	
B-SW17	1800Ø Type B	226.923	2.507	Type: D400 Size: 600 x 600	525 Ø = 224.417 (IN) 150 Ø = 224.792 (IN) 525 Ø = 224.417 (OUT)	E: 411380.428 N: 414527.721	
B-SW18	2100Ø Type B	226.946	2.549	Type: D400 Size: 600 x 600	450 Ø = 224.472 (IN) 525 Ø = 224.397 (IN) 525 Ø = 224.397 (OUT)	E: 411382.421 N: 414522.178	
B-SW19	1200Ø Type B	229.981	3.097	Type: D400 Size: 600 x 600	150 Ø = 226.959 (IN) 150 Ø = 228.631 (IN) 225 Ø = 226.884 (OUT)	E: 411364.727 N: 414443.615	
B-SW20	1200Ø Type C	229.182	1.501	Type: D400 Size: 600 x 600	150 Ø = 227.682 (IN) 150 Ø = 227.682 (OUT)	E: 411373.063 N: 414468.887	

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B-SW21	1350Ø Type B	228.796	2.091	Type: D400 Size: 600 x 600	225 Ø = 226.705 (IN) 150 Ø = 226.780 (IN) 225 Ø = 226.705 (OUT)	E: 411381.174 N: 414450.638	
B-SW22	1500Ø Type B	226.416	1.881	Type: D400 Size: 600 x 600	225 Ø = 224.535 (IN) 150 Ø = 224.610 (IN) 225 Ø = 224.535 (OUT)	E: 411414.188 N: 414464.675	
B-SW23	1200Ø Type C	223.754	1.494	Type: D400 Size: 600 x 600	225 Ø = 222.260 (IN) 225 Ø = 222.260 (OUT)	E: 411452.785 N: 414478.580	
B-SW24	1200Ø Type C	223.354	1.500	Type: D400 Size: 600 x 600	225 Ø = 221.929 (IN) 300 Ø = 221.854 (OUT)	E: 411459.927 N: 414486.971	
B-SW25	1350Ø Type C	223.231	1.570	Type: D400 Size: 600 x 600	300 Ø = 221.661 (IN) 150 Ø = 221.811 (IN) 300 Ø = 221.661 (OUT)	E: 411460.040 N: 414496.870	
B-SW26	1200Ø Type C	226.869	1.389	Type: D400 Size: 600 x 600	150 Ø = 225.480 (IN) 150 Ø = 225.480 (OUT)	E: 411370.552 N: 414597.897	
B-SW27	1350Ø Type C	225.691	1.432	Type: D400 Size: 600 x 600	150 Ø = 224.333 (IN) 225 Ø = 224.258 (OUT)	E: 411392.710 N: 414605.948	
B-SW28	1500Ø Type B	225.203	1.769	Type: D400 Size: 600 x 600	225 Ø = 223.434 (IN) 150 Ø = 223.509 (IN) 225 Ø = 223.434 (OUT)	E: 411403.734 N: 414614.042	
B-SW29	1350Ø Type B	225.189	2.094	Type: D400 Size: 600 x 600	225 Ø = 223.170 (IN) 150 Ø = 223.245 (IN) 300 Ø = 223.095 (OUT)	E: 411420.428 N: 414591.310	
B-SW30	1500Ø Type B	223.164	1.875	Type: B125 Size: 600 x 600	300 Ø = 221.289 (IN) 150 Ø = 221.439 (IN) 300 Ø = 221.289 (OUT)	E: 411434.744 N: 414561.909	
B-SW31	2400Ø Type B	222.686	2.222	Type: D400 Size: 600 x 600	525 Ø = 220.539 (IN) 300 Ø = 220.764 (IN) 300 Ø = 220.764 (IN) 150 Ø = 220.914 (IN) 600 Ø = 220.464 (OUT)	E: 411443.549 N: 414543.986	
B-SW32	1800Ø Type A	219.458	3.721	Type: D400 Size: 600 x 600	600 Ø = 215.737 (IN) 225 Ø = 216.112 (IN) 600 Ø = 215.737 (OUT)	E: 411488.153 N: 414559.642	
B-SW33	1800Ø Type A	218.308	4.169	Type: D400 Size: 600 x 600	600 Ø = 214.139 (IN) 600 Ø = 214.139 (OUT)	E: 411504.861 N: 414564.185	
B-SW34					225 Ø = 212.784 (OUT)	E: 411559.494 N: 414518.706	
B-SW35				Highway Drainage	225 Ø = 212.549 (IN) 225 Ø = 212.549 (OUT)	E: 411536.594 N: 414545.594	
B-SW36	1800Ø Type A	216.793	4.815	Type: D400 Size: 600 x 600	600 Ø = 212.053 (IN) 225 Ø = 212.428 (IN) 675 Ø = 211.978 (OUT)	E: 411525.975 N: 414556.944	
B-SW37	1500Ø Type C	233.801	1.671	Type: D400 Size: 1200x675	375 Ø = 232.130 (IN) 375 Ø = 232.130 (OUT)	E: 411177.949 N: 414742.102	
B-SW38	1200Ø Type C	228.562	1.875	Type: D400 Size: 600 x 600	375 Ø = 226.687 (IN) 375 Ø = 226.687 (OUT)	E: 411245.754 N: 414802.326	
B-SW39	1200Ø Type C	227.372	1.780	Type: D400 Size: 600 x 600	375 Ø = 225.592 (IN) 375 Ø = 225.592 (OUT)	E: 411261.711 N: 414812.014	
B-SW40	1200Ø Type B	232.558	1.739	Type: D400 Size: 600 x 600	150 Ø = 230.819 (IN) 150 Ø = 230.819 (OUT)	E: 411165.000 N: 414764.805	

**Do Not Scale**

**Drawing Notes**

Drawing & schedule based on the following information:  
 Architect's drawing/model: **AWSM - Countryside Collection Layout 07.11.2025**  
 Revision:  
 Received:  
 Topographic Survey: **3606-SU001-005\_Z5 Surveys Ltd - Sitewide Topo with Added Trees (October 2023)\_For Information\_B\_1**  
 Received:

**Residual Hazards**

**Health, Safety & Environmental Notes**

All Type C Manhole chambers under 1.5mØ to have 600 x 600 cover located centrally over the channel

24.11.25	Cover levels updated	CS	AT	P5
29.09.25	Updated to suit latest drainage design	AT	RP	P4
18.06.25	Updated to suit latest architectural layout	WD	AT	P3
20.05.25	Drawing updated to suit new highway levels	AT	RP	P2
07.02.25	Initial Issue	WD	AT	P1

Date	Description	By	Chk	Rev
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Project  
**Blackmoorfoot, Huddersfield**

Title  
**S104 BMF - SW Manhole Schedule Sheet 1 of 3**

Client  
**Countryside Partnerships**

Scale @ A1	Initial author	Initial checker	Approver	Initial Date
NTS	WD	AT	RP	Feb '25
Status	Purpose	Adept Project Number		
S2	Preliminary	08.24007		
Project-Originator-Functional Breakdown-Spatial Breakdown-Form-Discipline-Number				Rev:
08.24007-ACE-00-ZZ-D-C-1311				P5

Refer to Drawing 1231 - 'S104 Agreement drainage details - sheet 1' for standard drainage notes