Stormwater Drainage - Chamber Schedule

Manhole Name	Node Type	Cover Level (m)	MH Depth (m)	Invert Level (m)	Manhole Diam.,L*W (mm)	X Eastings	Y Northings	Cover Loading Class	Remark
S00	Rodding Eye	28.652	1.350	27.302		338575.952	349421.495	E600	Rodding Eye
S01	DCG Type B Chamber	28.650	1.846	26.804	1.350	338566.712	349399.107	E600	New Manhole. Provide a 675mm x 675mm Access Cover.
S02	Rigistorm Separate Catchpit	28.300	1.578	26.722	1.350	338547.887	349407.024	B125	New Catchpit. Provide a 675mm x 675mm Access Cover.
S03	Althon Inlet Headwall			26.638		338525.673	349386.651		Swale 03 Inlet Headwall
S04	Rodding Eye	28.643	1.500	27.143		338535.709	349323.956	E600	Rodding Eye
S05	DCG Type C Chamber	27.600	0.936	26.664	1.200	338527.727	349391.397	B125	New Manhole. Provide a 675mm x 675mm Access Cover.
S06	Rigistorm Separate Catchpit	27.487	1.439	26.048	1.200	338485.768	349277.305	B125	New Catchpit. Provide a 675mm x 675mm Access Cover.
S07	Althon Outlet Headwall			26.104		338483.500	349282.437		Swale 03 Outlet Headwall
S08	DCG Type C Chamber	25.000	1.149	23.851	1.200	338491.336	349264.155	B125	New Manhole. Provide a 675mm x 675mm Access Cover.
Flow control manhole	DCG Type B Chamber	25.000	1.500	23.500	1.200	338510.929	349227.418	B125	To be provided by Hydro-International or similar approved. Controls flows to 15.0l/s max for all storm events up to and including 100-year + 40%CC storm event
S10	Rigistorm Separate Catchpit	22.372	1.200	21.172	1.200	338504.747	349220.605	B125	New Catchpit. Provide a 675mm x 675mm Access Cover.
S11	Althon Inlet Headwall			27.586		338570.362	349491.789		Swale 01 Inlet Headwall
S12	Althon Outlet Headwall			26.789		338543.640	349426.302		Swale 01 Outlet Headwall
S13	Rigistorm Separate Catchpit	29.277	1.529	27.749	1.200	338593.844	349485.327	B125	New Catchpit. Provide a 675mm x 675mm Access Cover.
S14	DCG Type B Chamber	29.269	1.632	27.637	1.200	338577.602	349489.112	B125	New Manhole. Provide a 675mm x 675mm Access Cover.
S15	DCG Type C Chamber	29.387	1.278	28.110	1.200	338609.259	349453.736	B125	New Manhole. Provide a 675mm x 675mm Access Cover.
S16	Rigistorm Separate Catchpit	30.077	2.191	27.886	1.200	338622.072	349484.749	B125	New Catchpit. Provide a 675mm x 675mm Access Cover.
S17	Althon Inlet Headwall			27.297		338628.616	349320.840		Swale 04 Inlet Headwall
S18	Althon Outlet Headwall			25.644		338587.344	349219.160		Swale 04 Outlet Headwall
S19	Rigistorm Separate Catchpit	26.107	1.107	25.000	1.200	338575.394	349221.122	B125	New Catchpit. Provide a 675mm x 675mm Access Cover.
S20	DCG Type B Chamber	28.638	1.500	27.138	1.200	338626.553	349401.911	E600	New Manhole. Provide a 675mm x 675mm Access Cover.
S21	DCG Type B Chamber	28.644	1.851	26.793	1.200	338606.801	349354.106	E600	New Manhole. Provide a 675mm x 675mm Access Cover.
S22	DCG Type B Chamber	28.650	2.225	26.426	1.200	338585.749	349303.154	E600	New Manhole. Provide a 675mm x 675mm Access Cover.
S23	DCG Type B Chamber	27.811	1.672	26.139	1.200	338565.318	349249.605	E600	New Manhole. Provide a 675mm x 675mm Access Cover.
S25	Althon Outlet Headwall			27.401		338637.978	349343.734		Swale 02 Outlet Headwall
S28	DCG Type C Chamber	28.900	1.200	27.700	1.200	338646.029	349433.437	D400	New Manhole. Provide a 675mm x 675mm Access Cover.
S29	DCG Type C Chamber	28.700	1.093	27.607	1.200	338642.722	349424.727	D400	New Manhole. Provide a 675mm x 675mm Access Cover.
S30	DCG Type C Chamber	28.640	1.205	27.435	1.200	338636.372	349408.690	B125	New Manhole. Provide a 675mm x 675mm Access Cover.
S31	Start of Swale 02			28.599		338636.372	349408.690		Start of Swale 02

Note
1. DCG means Design & Construction Guidance.

Stormwater Drainage - Pipe Schedule

Pipe PN	From	To	Pipe Length (m)	Pipe Diameter (mm)	Upstream MH Cover Level (mm)	Upstream MH Invert Level (mm)	Downstream MH Cover Level (mm)	Downstream MH Invert Level (mm)	Upstream MH Easting X	Upstream MH Northing Y	Downstream MH Easting X	Downstream MH Northing Y
P2.000	S00	S01	24.220	150	28.652	27.302	28.650	26.804	338575.952	349421.495	338566.712	349399.107
P1.001	S01	S02	20.423	300	28.650	26.804	28.300	26.722	338566.712	349399.107	338547.887	349407.024
P1.000	S04	S01	81.294	300	28.643	27.143	28.650	26.804	338535.709	349323.956	338566.712	349399.107
P1.002	S02	S05	25.507	300	28.300	26.772	27.600	26.664	338547.887	349407.024	338527.727	349391.397
P1.003	S05	S03	5.172	300	27.600	26.664	27.650	26.638	338527.727	349391.397	338525.673	349386.651
P1.005	S07	S06	5.611	300	27.116	26.104	27.487	26.048	338483.500	349282.437	338485.768	349277.305
P1.006	S06	S08	14.280	300	27.487	26.048	25.000	23.851	338485.768	349277.305	338491.336	349264.155
P1.007	S08	Pond	5.540	300	25.000	23.851	25.000	23.740	338491.336	349264.155	338494.120	349259.366
P10.001	Flow control manhole	S10	9.199	225	25.000	23.500	22.372	21.172	338510.929	349227.418	338504.747	349220.605
P10.000	Pond	Flow control manhole	6.887	300	25.000	23.500	25.000	23.500	338515.438	349232.624	338510.929	349227.418
Swale 03	S03	S07							338525.673	349386.651	338483.500	349282.437
Swale 01	S11	S12							338570.362	349491.789	338543.640	349426.302
P3.007	S12	S02	19.740	300	27.789	26.789	28.300	26.722	338543.640	349426.302	338547.887	349407.024
P3.003	Rain Garden 2	S13	5.949	225	29.327	27.800	29.277	27.749	338598.855	349482.120	338593.844	349485.327
P3.004	S13	S14	16.677	225	29.277	27.749	29.269	27.637	338593.844	349485.327	338577.602	349489.112
P3.005	S14	S11	7.719	225	29.269	27.637	29.297	27.586	338577.602	349489.112	338570.362	349491.789
P3.001	Rain Garden 1	S16	16.159	150	29.906	28.700	30.077	27.886	338638.075	349482.511	338622.072	349484.749
P3.002	S16	Rain Garden 2	7.148	225	30.077	27.886	29.327	27.800	338622.072	349484.749	338614.972	349483.923
P5.001	S15	S16	33.556	225	29.387	28.110	30.077	27.886	338609.259	349453.736	338622.072	349484.749
P5.000	Porous Paving	S15	12.438	150	29.253	28.692	29.387	28.110	338599.839	349445.613	338609.259	349453.736
P6.000	Porous Paving (1)	S15	22.450	150	28.895	28.334	29.387	28.110	338595.645	349435.885	338609.259	349453.736
P3.000	Porous Paving (2)	Rain Garden 1	8.767	150	29.851	29.325	29.906	28.700	338663.661	349464.233	338660.801	349472.521
P4.000	Porous Paving (3)	Rain Garden 1	17.783	150	29.848	29.223	29.906	28.700	338645.504	349459.711	338650.524	349476.770
P7.000	Porous Paving (4)	S15	9.039	150	29.253	28.642	29.387	28.110	338608.226	349444.756	338609.259	349453.736
Swale 04	S17	S18							338628.616	349320.840	338587.344	349219.160
P7.003	S18	S19	12.110	300	26.644	25.644	26.107	25.000	338587.344	349219.160	338575.394	349221.122
P7.004	S19	Pond	24.394	300	26.107	25.000	25.000	24.187	338575.394	349221.122	338551.485	349225.964
P8.003	S20	S21	51.725	300	28.638	27.138	28.644	26.793	338626.553	349401.911	338606.801	349354.106
P8.004	S21	S22	55.130	300	28.644	26.793	28.650	26.426	338606.801	349354.106	338585.749	349303.154
P8.005	S22	S23	57.314	300	28.650	26.426	27.811	26.139	338585.749	349303.154	338565.318	349249.605
P8.006	S23	Pond	21.000	300	27.811	26.139	25.000	24.039	338565.318	349249.605	338548.178	349237.472
Swale 02	S31	S25							338679.305	349445.417	338637.978	349343.734
P8.000	S28	S29	9.317	150	28.900	27.700	28.700	27.607	338646.029	349433.437	338642.722	349424.727
P8.001	S29	S30	17.249	150	28.700	27.607	28.640	27.435	338642.722	349424.727	338636.372	349408.690
P8.002	S30	S20	11.931	150	28.640	27.435	28.638	27.138	338636.372	349408.690	338626.553	349401.911
P9.001	Porous Paving (6)	S28	3.316	150	28.806	28.250	28.900	27.700	338649.314	349432.985	338646.029	349433.437
P9.002	Porous Paving (5)	S28	3.912	150	29.107	28.550	28.900	27.700	338642.404	349434.908	338646.029	349433.437
P9.003	Porous Paving (8)	S29	10.283	150	29.109	28.550	28.700	27.607	338634.973	349431.486	338642.722	349424.727
P9.004	Porous Paving (7)	S29	4.432	150	28.925	28.330	28.700	27.607	338638.297	349424.478	338642.722	349424.727
P7.001	S25	S17	31.392	300	28.401	27.401	28.297	27.297	338637.978	349343.734	338628.616	349320.840

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

Refer to Drawing:

General Notes:

1. Do not scale from this drawing.
2. All dimensions are in millimetres (mm), all levels in metres (m) unless noted otherwise.
3. Discrepancies or omissions are to be reported to the Engineer prior to work commencing.
4. Materials and workmanship are to comply in all respects with current British Standard Specifications, Codes of Practice, and Building Regulations Approved Documents.
5. The copyright of this drawing is vested in the Engineer and must not be copied or reproduced without written consent.
6. The Contractor is to check and verify all building and site dimensions, levels and sewer invert levels at connection points before work commences.
7. This drawing is to be read in conjunction with all relevant specifications and drawings issued by the Engineer, Architect and other Specialists.

Note:
1. For Drainage Plan Layout refer to drawing: TOS-BML-XX-XX-DR-C-0500
2. For External Surfaces refer to drawing: TOS-BML-XX-XX-DR-C-0700
3. For Drainage Details refer to drawings: TOS-BML-XX-XX-DR-C-0505 to 0508

Rev	By / Chk'd	Date	Description
P01	IW/AM	20/05/2025	Preliminary issue for client comments

PRELIMINARY DRAWING
This drawing is not to be used for construction

Client

FI REAL ESTATE MANAGEMENT

BarnsleyMarshall Limited
4&5 Prior Whard
Harris Business Park, Hanbury Rd
Stoke Prior, Bromsgrove
B604FG
Tel: 01905 330550
Email: design@barnsleymarshall.co.uk
Web: www.barnsleymarshall.co.uk

BarnsleyMarshall

Project

The Oaks Site
Wrexham Industrial Estate

Drawing

Stormwater Chamber & Pipe Schedules

By IW/AM Date 20/05/2025

Drawing No. (Project - Originator - Volume - Level - Type - Role - Number)
TOS-BML-XX-XX-DR-C-0502

Revision
P01

BML Job No.
1000-06

Status
-

Drawing Scale at A1: 1:500

CAD Filename: Y:\Projects\1000-06 The Oaks Site, Wrexham Ind Est\Information - Working\DWG\TOS-BML-XX-XX-DR-C-0502 P01 - Stormwater Chamber & Pipe Schedule.dwg