

Surface Water Manhole Schedules

Manhole No.	Cover Level	Invert Level
S1	61.500	60.100
S2	61.507	60.138
S3	62.237	60.344
S4	62.950	60.530
S5	62.900	60.622
S6	63.446	60.833
S7	63.843	61.061
S8	64.449	61.210
S9	64.949	61.335
S10	64.512	61.428
S11	64.236	61.495
S12	64.165	61.448
S13	63.671	60.905
S14	63.590	60.776
S15	63.462	60.901
S16	63.460	61.053
S17	63.601	61.109
S18	63.480	61.266
S19	63.727	61.394
S20	63.980	61.348
S21	63.251	90.927
S22	63.834	61.074
S23	64.005	61.143
S24	64.192	61.222
S25	64.101	61.140
S26	63.641	61.030
S27	63.562	61.105
S29	62.300	58.982
S30	62.150	59.059
S31	62.150	59.094
S32	61.614	59.233
S33	62.535	59.380
S34	62.703	59.440
S35	63.253	59.560
S36	63.524	59.692
S37	62.353	59.505

Foul/Combine Water Manhole Schedules

Manhole No.	Cover Level	Invert Level
C1	64.100	61.575
C2	61.450	57.209
F1	64.051	61.739
F2	64.922	62.650
F3	64.412	63.012
F4	64.520	62.867
F5	61.450	58.059
F6	62.503	58.720
F7	62.705	58.909
F8	63.261	59.228
F9	63.405	59.330
F10	63.422	59.706
F11	63.613	60.040
F12	63.212	60.311
F13	63.459	60.600
F14	63.793	62.350
F15	63.657	60.811
F16	63.208	60.350
F17	63.391	60.654
F18	63.505	60.850
F19	63.988	61.508
F20	64.154	61.785
F21	63.765	61.063
F22	63.524	61.500
F23	63.479	61.500
F24	62.154	60.900

NOTES

1. Setting out shall be undertaken using only the information given. Distances should not be scaled from this drawing.
2. All dimensions in millimetres unless shown otherwise.
3. All adoptable sewer works and materials to be in accordance with "Design and Construction Guidance", Code for Adoption, the relevant British/European standards
4. The adoptable sewers should be a minimum of 1m and manholes 0.5m from kerb face and service margins
5. Sewers must have a 5m clearance from trees and hedges, (please also refer to 5.1.10 in Codes for Action for restrictions on tree planting adjacent to sewers).
6. Sewers to be laid in Class S bedding (150mm granular bed and surround). Where depth of cover to top of the sewer is less than 1.2m in highway and verges (or less than 0.9m in none vehicular access areas) then a concrete slab should be provided above the granular bed and surround
7. Adoptable plastic sewer pipes to be Kitemarked (certified to WIS 4-35-01 and BS/EN13476). Adoptable sewer pipes to be laid in maximum 3m lengths unless there is a specific operational need to lay longer
8. Plastic channel sections in manholes are not acceptable and clay ware is to be used if required.
9. The undertaker is not obliged to accept filter drain/land drainage runoff into the adoptable sewer network.
10. Rising mains to be provided with Marker tape above the rising main
11. Where plastic pipes are proposed for adoptable sewers, a site investigation report to prove that ground conditions are suitable for there use.
12. Slab levels shall not be varied without reference to the Engineer for guidance.
13. All opening notices etc. as required under highways acts etc. are to be obtained prior to commencement of works. All works are to be inspected by L.A., NHBC or the Network Operator as applicable.
14. It is the responsibility of the Contractor to verify all information given with regards to existing services and drainage connections etc. prior to commencing the works. The rates shall include for hand dig around services where necessary. The Contractor shall adhere to the CDM Regulations at all times
15. Only trained personnel shall be permitted to enter confined spaces

KEY

S.W. / Foul / Combined — Proposed S104 sewer
Disconnection MH
49.05 — Proposed Plot Level
Existing Foul sewer
Existing S.W. sewer
Existing site drainage to be removed
Proposed highway gully
Existing Level
Site Boundary
48.270 — Proposed level
29.35 — Existing Level
Sewer Easement
SW Attenuation Tank
Tactile Paving & Dropped Kerb (exact location to be agreed on site with the LA engineer)
Street Nameplate (exact location to be agreed on site with the LA engineer)

Rev	Date	Initials	Details
E	27/03/25	SAP	SW Pump Station Details updated
D	05/03/25	DA	Updated to S104 comments.
C	25/10/24	DA	Plots 159-167 lifted to keep flood route in road.
B	03/10/24	DA	C2 added.
A	25/07/24	SAP	MH S4, S29, S30 & S31CLs SW pump station layout amended

Drawing Revisions

North Point

Project: Mount Road Gorton
Client: Kellen Homes
Title: Section104 Agreement Layout

Quality Ass. UKAS 005 Quality Assurance ISO 9001:2008 SGS Certificate GB02/54539

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