SURFACE WATER MANHOLE SCHEDULE (S104 ADOPTION)												
MH	COVER LEVEL	INVERT LEVEL	DEPTH	>ø PIPE	MH TYPE	MH ø	COVER/FRAME	ACCESS	DEPTH SOFFIT	INLET PIPE INVERT LEVELS		
S1	172.190	167.600	4.590	900ø	TYPE A	3000ø	D400 150	600x600	3.690	150ø 168.350	150ø 168.350	150ø 168.350
S1A	170.620	167.520	3.100	900ø	TYPE B	3000ø	D400 150	600x600	2.200	900ø 167.520		
S1B	170.120	167.495	2.625	900ø	TYPE B	3000ø	D400 150	600x600	1.725	900ø 167.495	150ø 168.245	
S2	169.620	167.420	2.200	900ø	CONTROL	3000ø	D400 150	600x600	1.300	900ø 167.470	150ø 168.170	150ø 168.170 150ø 168.170
S3	172.680	169.370	3.310	900ø	TYPE B	3000ø	D400 150	600x600	2.410	150ø 170.120	150ø 170.120	150ø 170.120
S3A	173.270	169.340	3.930	900ø	TYPE B	3000ø	D400 150	600x600	3.030	900ø 169.340		
S4	172.890	169.290	3.600	900ø	TYPE B	3000ø	D400 150	600x600	2.700	900ø 169.290	150ø 170.040	
S4A	172.450	169.260	3.190	900ø	TYPE B	3000ø	D400 150	600x600	2.290	900ø 169.260	150ø 170.010	150ø 170.010
S5	171.350	169.150	2.200	900ø	CONTROL	3000ø	D400 150	600x600	1.300	900ø 169.200	150ø 169.950	150ø 169.950 150ø 169.950

SURFACE WATER MANHOLE SCHEDULE (PRIVATE)								
MH	COVER LEVEL	INVERT LEVEL	DEPTH	>ø PIPE	MH TYPE	MH ø	COVER/FRAME	ACCESS
S6	176.150	175.550	0.600	150ø	PPIC	450ø	B125	450ø
S7	174.600	174.000	0.600	150ø	PPIC	450ø	B125	450ø
S8	173.000	171.800	1.200	150ø	PPIC	450ø	B125	450ø
S9	169.800	168.800	1.000	150ø	PPIC	450ø	B125	450ø
S10	172.300	171.300	1.000	150ø	PPIC	450ø	B125	450ø
S11	172.800	172.200	0.600	150ø	PPIC	450ø	B125	450ø
S12	172.800	171.900	0.900	150ø	PPIC	450ø	B125	450ø
S13	171.850	171.250	0.600	150ø	PPIC	450ø	B125	450ø
S14	172.750	171.130	1.620	150ø	PPIC	450ø	B125	450ø
S15	171.300	170.500	0.800	150ø	PPIC	450ø	B125	450ø
S16	171.300	170.200	1.100	150ø	PPIC	450ø	B125	450ø

FOUL WATER MANHOLE SCHEDULE								
MH	COVER LEVEL	INVERT LEVEL	DEPTH	>ø PIPE	MH TYPE	MH ø	COVER/FRAME	ACCESS
F1	171.850	171.050	0.800	150ø	PPIC	450ø	B125	450ø
F2	169.600	168.400	1.200	150ø	PPIC	450ø	B125	450ø
F3	175.500	174.100	1.400	150ø	PPIC	450ø	B125	350ø
F4	172.800	171.700	1.100	150ø	PPIC	450ø	B125	450ø
F5	171.500	170.900	0.600	150ø	PPIC	450ø	B125	450ø
F6	171.850	170.700	1.150	150ø	PPIC	450ø	B125	450ø
F7	173.350	172.750	0.600	150ø	PPIC	450ø	B125	450ø
F8	171.300	170.400	0.900	150ø	PPIC	450ø	B125	450ø
F9	169.000	168.400	0.600	150ø	PPIC	450ø	B125	450ø

NOTES

1. Do not scale from this drawing.
2. This drawing is to be read in conjunction with all relevant Architects and Engineers drawings and specifications.
3. All works and materials to be in accordance with current British Standards and Building Regulations.
4. The Architects site plan has been used as a base for this drawing. Please refer to the latest site plan.
5. Pipes with <300mm cover under non-vehicle areas and <900mm cover under vehicle areas are to be encased in concrete as shown on the pipe bedding drawing. A protection slab may be required for shallower pipes and will be indicated on the drawing. Please refer to manufacturers details for pipe material specific requirements. Adoptable sewers will require a minimum of 1200mm cover in accordance with sewerage undertakers requirements.
6. For any works on Public Sewers refer to Statutory Undertakers Drawings.
7. For drainage details refer to Build Vision 900 Series drawings.
8. All exg drains indicated ~~~~ to be removed or grouted with PFA/Cement:Grout minimum ratio of 12:1.
9. RWP, SVP & Syphonic locations and sizes to be confirmed by the Architect.
10. Foul air traps to be provided on all gullies and aco channels.
11. Access fittings to be provided on all internal drainage.

Drain Connection	Access Fitting
0–12m	Type 1 (min 150x100mm)
12–22m (Junction)	Type 2 (min 225x100mm)
12–45m (Into Manhole)	Type 2 (min 225x100mm)

12. All below ground slab foul drainage to be minimum 100mm diameter unless otherwise noted.
13. mac indicates 300ø mini access chamber.
14. PPIC indicates 450ø Polypropylene Inspection Chamber.
15. All sewers to have concrete or class 'S' bed and surround in accordance with pipe bedding details drawing.
16. All pipes to WIS 4–35–01 and to be kite marked structural walled plastic, clay or concrete pipes suitable for use in Highways

ALL OUTLETS AND FITTINGS TO BE RODDABLE IN ACCORDANCE WITH BUILDING REGULATIONS

EXISTING DRAINAGE ON SITE TO BE INVESTIGATED/SURVEYED

PRELIMINARY
NOT FOR CONSTRUCTION.

Rev	Date	By	Checked	Remarks
P2	21.02.23	SJG		Rev.site plan,attenuation S1A,S1B,S3A,S4A
P1	20.07.22	SJG		Preliminary Issue

Project
Burn Road
Birchencliffe

Client
Wiggett Construction Ltd.

Drawing
Drainage Layout

Number 1298–900 Rev P2

Scale 1:250@A1 | Drawn SJG | Checked | Date Jul 2022

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