



SURFACE WATER MANHOLE SCHEDULE									
MH	COVER	LEVEL	INVERT	LEVEL	DEPTH	PIPE	MH TYPE	MH	COVER/FRAME ACCESS
S1	104.000	100.630	3.370	900	SHALLOW	3000	D400	150	600x600
S2	104.250	100.550	3.700	900	SHALLOW	3000	D400	150	600x600
S3	104.150	100.520	3.630	900	SHALLOW	3000	D400	150	600x600
S4	103.500	100.450	3.050	900	SHALLOW	3000	D400	150	600x600
S5	102.950	100.390	2.560	900	SHALLOW	3000	D400	150	600x600
S6	102.550	100.350	2.200	900	CONTROL	3000	D400	150	1200x675
S7	103.740	102.400	1.340	150	PPIC	460	B125	460	
S8	103.930	102.280	1.650	150	PPIC	460	B125	460	
S9	104.000	103.400	0.600	150	PPIC	460	B125	460	
S10	103.800	102.900	0.900	150	PPIC	460	B125	460	
S11	104.000	103.400	0.600	150	PPIC	460	B125	460	
S12	103.850	102.950	0.900	150	PPIC	460	B125	460	
S13	103.300	102.400	0.900	150	PPIC	460	B125	460	
S14	102.950	102.300	0.650	150	PPIC	460	B125	460	
S15	103.050	102.450	0.600	150	PPIC	460	B125	460	
S16	103.300	102.300	1.000	150	PPIC	460	B125	460	
S17	103.000	102.100	0.900	150	PPIC	460	B125	460	
S18	103.300	102.700	0.600	150	PPIC	460	B125	460	
S19	103.200	102.550	0.650	150	PPIC	460	B125	460	
S20	102.800	101.800	1.000	150	PPIC	460	B125	460	

FOUL WATER MANHOLE SCHEDULE									
MH	COVER	LEVEL	INVERT	LEVEL	DEPTH	PIPE	MH TYPE	MH	COVER/FRAME ACCESS
F1	103.500	102.900	0.600	150	PPIC	460	B125	460	
F2	103.000	102.400	0.600	150	PPIC	460	B125	460	
F3	103.500	102.290	1.210	150	PPIC	460	B125	460	
F4	102.950	101.890	1.060	150	PPIC	460	B125	460	
F5	102.950	101.770	1.180	150	PPIC	460	B125	460	
F6	103.070	101.710	1.360	150	PPIC	460	B125	460	
F7	104.025	103.200	0.825	150	PPIC	460	B125	460	
F8	103.025	102.425	0.600	150	PPIC	460	B125	460	
F9	103.050	102.300	0.750	150	PPIC	460	B125	460	
F10	103.300	102.500	0.800	100	PPIC	460	B125	460	
F11	102.750	101.550	1.200	150	PPIC	460	B125	460	

COMBINED WATER MANHOLE SCHEDULE									
MH	COVER	LEVEL	INVERT	LEVEL	DEPTH	PIPE	MH TYPE	MH	COVER/FRAME ACCESS
C1	102.450	100.300	2.150	225	TYPE 1	1200	D400	150	600x600
C2	101.300	100.170	1.130	225	TYPE 4	1200	D400	150	600x600

NOTES

- Do not scale from this drawing.
- This drawing is to be read in conjunction with all relevant Architects and Engineers drawings and specifications.
- All works and materials to be in accordance with current British Standards and Building Regulations.
- The Architects site plan has been used as a base for this drawing. Please refer to the latest site plan.
- 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.
- For any works on Public Sewers refer to Statutory Undertakers Drawings.
- For drainage details refer to Build Vision 900 Series drawings.
- All exg drains indicated ~~~~~ to be removed or grouted with PFA/Cement/Grout minimum ratio of 12:1.
- RWP, SVP & Syphonic locations and sizes to be confirmed by the Architect.
- Foul air traps to be provided on all gullies and aco channels.
- 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)
- All below ground slab foul drainage to be minimum 100mm diameter unless otherwise noted.
- MOC indicates 300 mini access chamber.
- PPIC indicates 460 Polypropylene Inspection Chamber.
- All sewers to have concrete or class "S" bed and surround in accordance with pipe bedding details drawing.
- All pipes to be WS 4-35-01 and to be kile marked structural walled plastic, clay or concrete pipes suitable for use in Highways

EXISTING DRAINAGE ON SITE TO BE INVESTIGATED/SURVEYED

PRELIMINARY
NOT FOR CONSTRUCTION.

P5	19.11.24	SJC	Plot 1-2 drainage, site boundary
P4	14.10.24	SJC	New site plan, plot 1-2 drainage
P3	21.08.24	SJC	Added manhole schedule
P2	16.08.24	SJC	new site plan, plot drainage, exg pipe
P1	25.07.24	SJC	Preliminary issue

Rev	Date	By	Checked	Remarks
Project				
Greenhill Road Middleton				
Client				
J Walker Homes Ltd.				
Drawing				
Drainage Layout				
Number				
1326-900				Rev P5
Scale				
1:250@A1		Drawn SJC	Checked	Date Jul 2024

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