



MH No.	COVER	INVERT LEVEL		DEPTH	MAX PIPE	MH	COVER TYPE
		IN	OUT				
F1	43.20	41.525	41.525	1.68	150	2	B125
F2	43.20	41.73	41.73	1.47	150	3	B125
F3	43.50	42.23	42.23	1.27	100	3	B125
F4	43.50	42.34	42.34	1.16	100	3	B125
F5	43.50	42.64	42.64	0.86	100	3	B125
F6	43.50	42.70	42.70	0.80	100	3	B125
F7	43.2	41.62	41.62	1.58	150	2	B125
F8	43.60	41.83	41.83	1.77	150	3	B125
F9	43.3	41.91	41.91	1.39	150	3	B125
F10	43.32	41.99	41.99	1.33	150	3	B125
F11	43.50	42.220	42.170	1.33	150	3	D400
F12	43.50	42.55	42.55	0.95	100	3	B125
F13	43.50	42.60	42.60	0.90	100	3	B125
F14	43.50	42.70	42.70	0.80	100	3	B125
F15	43.43	42.50	42.50	0.93	100	3	B125
F16	43.5	42.575	42.575	0.93	100	3	B125
F17	43.5	42.65	42.65	0.85	100	3	B125
F18	43.5	42.70	42.70	0.80	100	3	B125

MH No.	COVER	INVERT LEVEL		DEPTH	MAX PIPE	MH	COVER TYPE
		IN	OUT				
S1	42.50	40.65	40.65	1.85	150	2	D400
S2	43.60	41.7	41.7	1.90	150	2	B125
S3	43.40	42.03	42.03	1.37	150	3	B125
S4	43.40	42.08	42.08	1.32	150	3	B125
S5	43.20	42.40	42.40	0.80	150	3	B125
S6	43.25	42.57	42.52	0.73	150	3	B125
S7	43.5	42.78	42.78	0.72	100	3	B125
S8	43.5	42.95	42.95	0.55	100	3	B125
S9	43.5	43.00	43.00	0.50	100	3	B125
S10	43.0	41.9	41.9	1.10	100	3	B125
S11	43.55	42.50	42.50	1.05	100	3	B125
S12	43.55	42.84	42.84	0.71	100	3	B125
S13	43.55	42.90	42.90	0.65	100	3	B125
S14	43.55	42.95	42.95	0.60	100	3	B125
S15	43.55	43.00	43.00	0.55	100	3	B125
S16	43.55	42.90	42.90	0.65	100	3	B125
S17	43.55	42.95	42.95	0.60	100	3	B125
S18	43.3	42.03	42.03	1.27	150	3	D400
S19	43.4	42.15	42.15	1.25	150	3	B125
S20	43.55	42.25	42.25	1.30	100	3	B125
S21	43.50	42.93	42.93	0.57	100	3	B125
S22	43.50	43.00	43.00	0.50	100	3	B125
S23	43.55	42.95	42.95	0.60	100	3	B125
S24	43.50	42.6	42.6	0.90	100	3	B125

Notes:

THIS DRAWING IS NOT TO BE SCALED

1. Cross-references

This drawing is to be read in conjunction with all relevant architects' and engineers' drawings and specifications. Any inconsistencies or errors should be referred to the engineer immediately and confirmed in writing.

2. Minimum gradient for surface water pipes to be 1 in 100.
3. Minimum gradient for foul pipes to be as follows:-
100mm dia, 1 in 80
150mm dia, 1 in 150.
4. Concrete protection to be provided to all pipes where cover to the crown of the pipe is less than:-
 - gardens/paths/no vehicles 350mm
 - private driveways vehicles < 7.5T 500mm
 - drives/parking areas with limited access for vehicles with a gross weight > 7.5 900mm
 - highways 1200mm
5. For proposed levels of all paths, footways and soft landscape areas refer to Landscape Architects details.
6. ——— ——— Indicates existing drains, all drains within the site to be abandoned to be grubbed out and backfilled with min C20 concrete and the foundations adopted in accordance with the Structural Engineers details.

The construction of drainage and external paving shown on this drawing is considered to of a routine nature to a suitably experienced Contractor.

However the Contractors attention is drawn to the potential instability of excavations particularly backfill materials in existing drainage trenches.

It is also to be noted that as the site has had a previous use there may be unrecorded buried services, etc. Appropriate risk assessment/method statement/working practices should be developed and followed in accordance with the requirements of the Construction (Design and Management) regulations 2015.

In relation to existing sewers, there may be asbestos cement or fibre reinforced concrete pipes within the site or Public Sewerage network and the Contractor is to ensure that any persons carrying out the works are competent and adequately trained, safe systems of work are in place and disposal of any pipework/affected material is carried out in accordance with current legislation.

Attention is drawn to:

The Control of Asbestos at Work Regulations 1987 and amendment 1992 and all other legislation relating to health and safety at work.

revision suffix	Revision details	Date
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Architect
kenn scadden associates

Drawing title
Drainage Layout



chk.	date 07/06/17	scale A1 1:200	drawn AD
DRAWING No		S0-2168-03-DE-20 GGP ref; 8377-01-20	