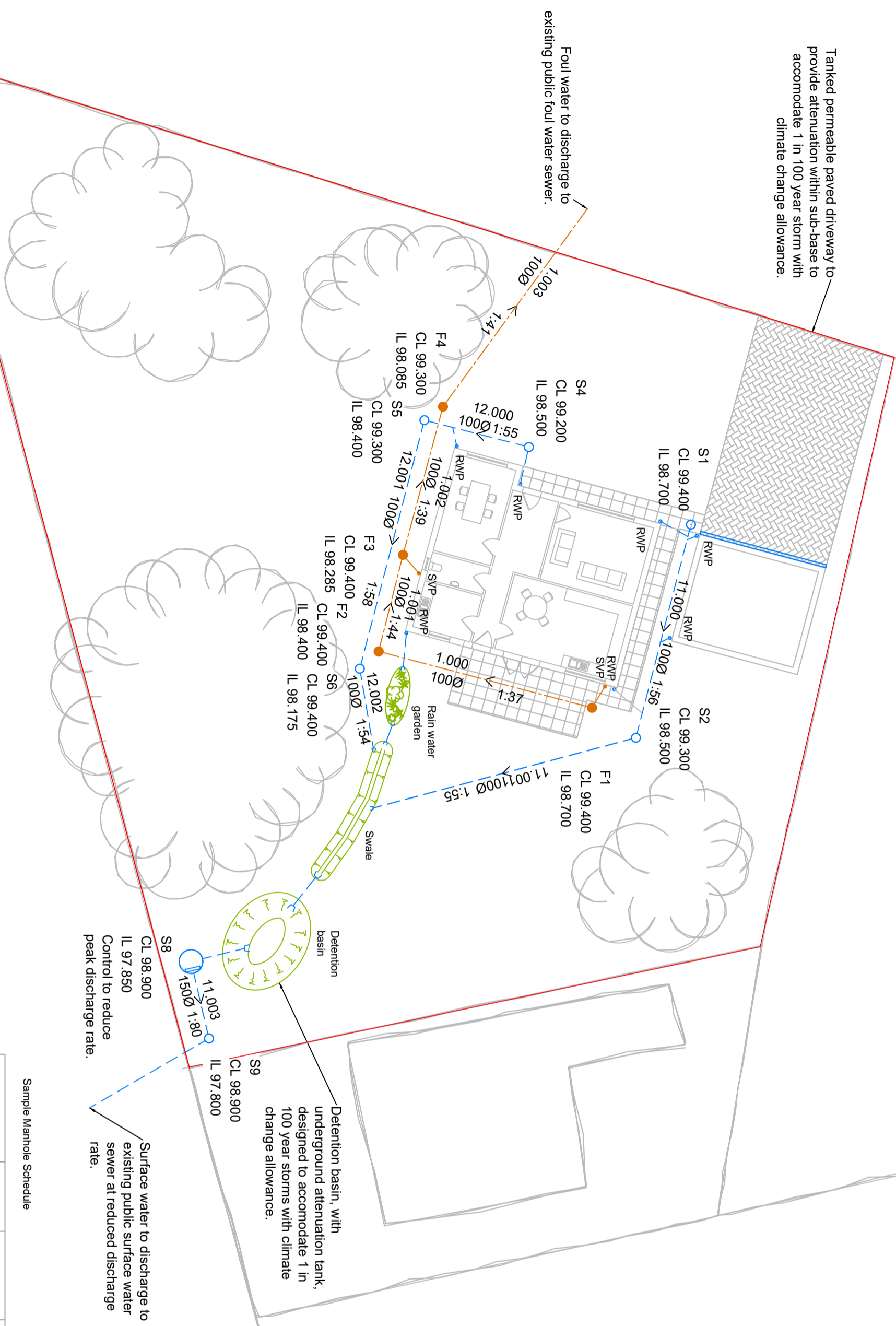


- Key:**
- Rain water pipe
 - Soil vent pipe
 - Surface water manhole
 - Foul manhole
 - Control manhole
 - Surface water pipe
 - Foul pipe
 - CL Cover level
 - IL Invert level



Rain water garden, swale and detention basin provide amenity benefits and improve the discharge quality and contribute to peak discharge reduction, and can be incorporated into the landscape design.

Detention basin, with underground attenuation tank, designed to accommodate 1 in 100 year storms with climate change allowance.

Surface water to discharge to existing public surface water sewer at reduced discharge rate.

Sample Pipe Schedule

FOUL Network 1										
Pipe Code	Diameter (mm)	Gradient (1:)	Pipe Type	Pipe Length	Number	Upstream Manhole Invert	Cover	Number	Downstream Manhole Invert	Cover
1.000	100	37	Circular	11.183	F1	98.70	99.40	F2	98.40	99.40
1.001	100	44	Circular	5.043	F2	98.40	99.40	F3	98.29	99.40
1.002	100	39	Circular	7.777	F3	98.29	99.40	F4	98.09	99.30
1.003	100	41	Circular	12.398	F4	98.09	99.30	F5	97.79	99.30

STORM Network 1										
Pipe Code	Diameter (mm)	Gradient (1:)	Pipe Type	Pipe Length	Number	Upstream Manhole Invert	Cover	Number	Downstream Manhole Invert	Cover
11.000	100	56	Circular	11.151	S1	98.70	99.40	S2	98.50	99.30
11.001	100	55	Circular	13.785	S2	98.50	99.30	S3	98.25	99.30
11.002	100	54	Circular	11.151	S3	98.25	99.30	S4	98.00	99.30

Sample Manhole Schedule

Manhole Number	Coordinates	Cover Level	Depth To Sdfl	Connections	Pipe		Manhole Size	Types	
					Code	Inverts		Diams	Manhole
F1	488008.590 169331.679	99.400 0.600	0	1	1.001	98.400	450	4	A15
					1.000	98.400			
F2	488005.725 169330.867	99.400 0.900	1	1	1.001	98.400	450	4	A15
					1.001	98.295			
F3	488000.535 169322.101	99.400 1.015	1	1	1.002	98.285	450	4	A15
					1.002	98.095			
F4	487993.327 169324.128	99.300 1.115	1	1	1.002	98.095	450	4	A15
					1.002	98.095			

Client: **Mr B Belstone**
 Project: **Land to Rear of Old Bank Buildings**
 Drawing Title: **Proposed Drainage Layout**

Drawn by: **MG** | Checked by: **MG** | Date: **Dec 2020**
 Scale: **1:200 @ A2** | Status: **SAMPLE**
 Drawing No.: **1234.02 100** | Issue: **P01**



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