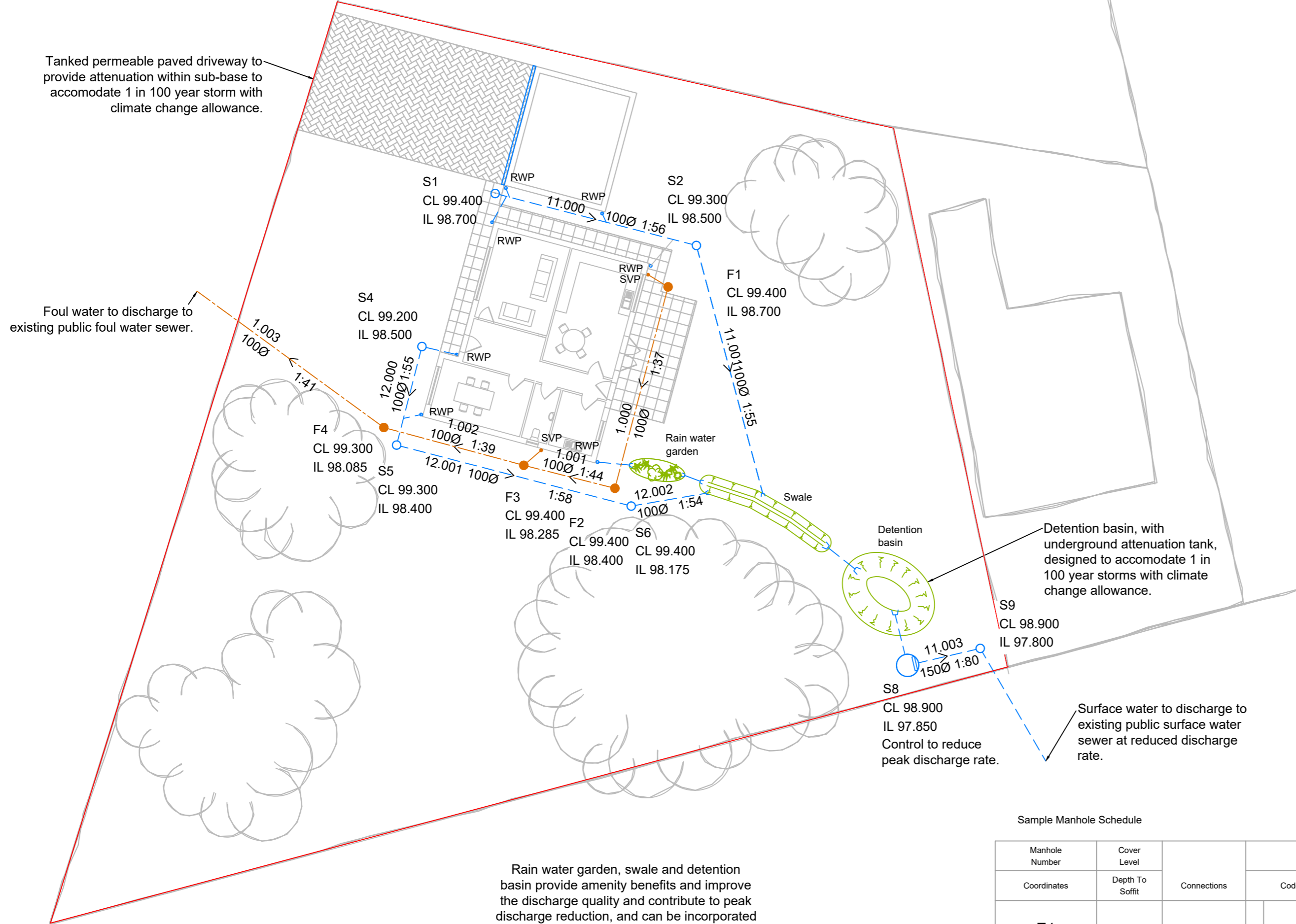


Key:

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

Tanked permeable paved driveway to provide attenuation within sub-base to accommodate 1 in 100 year storm with climate change allowance.

Foul water to discharge to existing public foul water sewer.



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.

Sample Pipe Schedule

FOUL Network 1											
Pipe Code	Diameter (mm)	Gradient (1:)	Pipe Type	Pipe Length	Upstream Manhole			Downstream Manhole			
					Number	Invert	Cover	Number	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		

STORM Network 1

STORM Network 1											
Pipe Code	Diameter (mm)	Gradient (1:)	Pipe Type	Pipe Length	Upstream Manhole			Downstream Manhole			
					Number	Invert	Cover	Number	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	

Sample Manhole Schedule

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types	
			Code	Inverts	Diams		Manhole	Cover
F1	99.400	0				450	4	A15
E. 488008.580	0.600	0	1.000	98.700	100			
N. 169331.679								
F2	99.400	1				450	4	A15
E. 488005.725	0.900	1	1.001	98.400	100			
N. 169320.867								
F3	99.400	1				450	4	A15
E. 488000.835	1.015	1	1.002	98.285	100			
N. 169322.101								
F4	99.300	1				450	4	A15
E. 487993.327	1.115	1	1.003	98.085	100			
N. 169324.128								

P01	16.12.20	Initial issue	MG	AW
Rev	Date	Detail	Drawn	Chkd

Client:

Mr B Bellstone

Project:

Land to Rear of Old Bank Buildings

Drawing Title:

Proposed Drainage Layout



Suite 9-11, 1st Floor, Old Bank Buildings, Bellstone, Shrewsbury, SY1 1HU

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