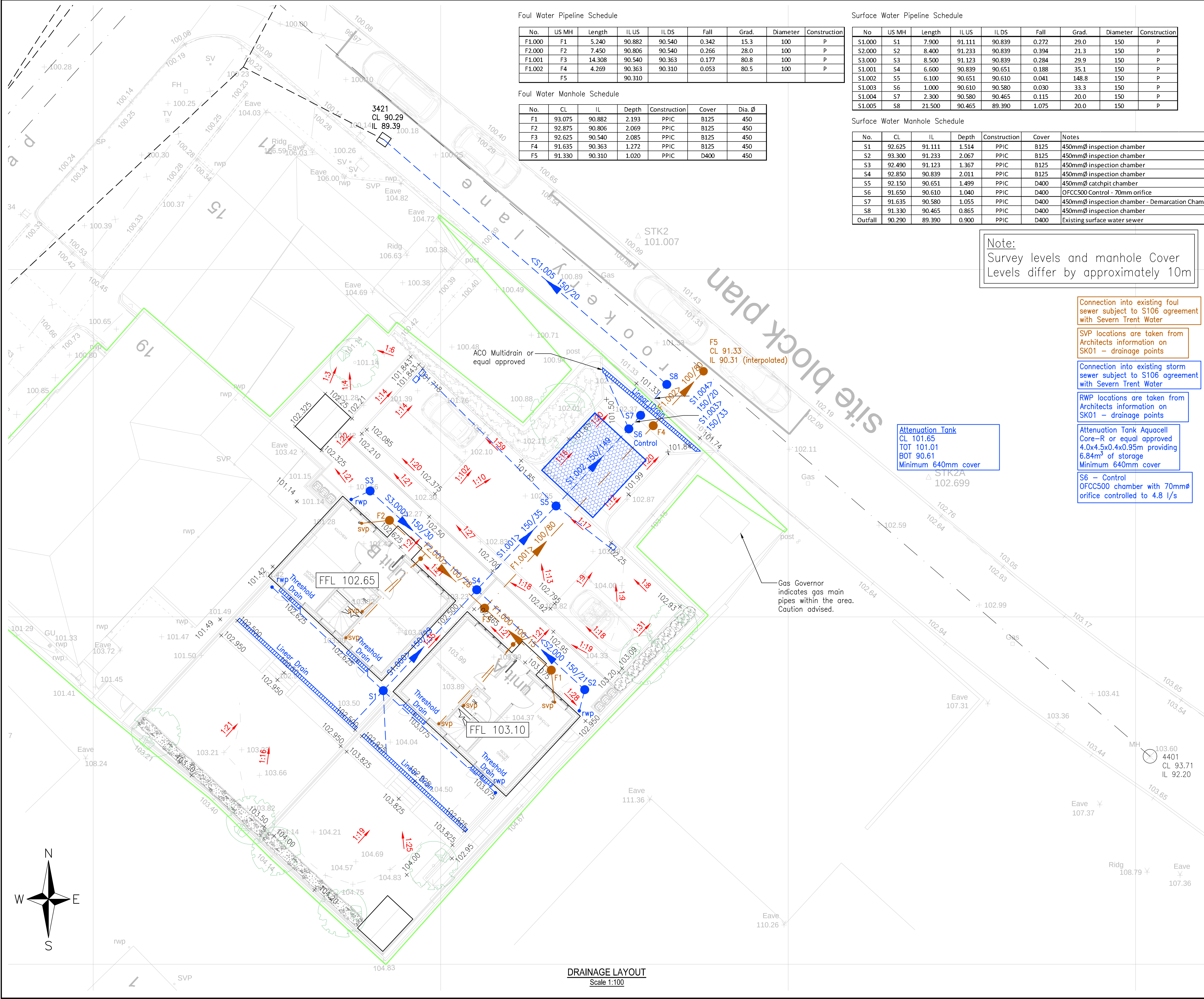




Foul Water Pipeline Schedule

No.	US MH	Length	ILUS	ILDS	Fall	Grad.	Diameter	Construction
F1.000	F1	5.240	90.882	90.540	0.342	15.3	100	P
F2.000	F2	7.450	90.806	90.540	0.266	28.0	100	P
F1.001	F3	14.308	90.540	90.363	0.177	80.8	100	P
F1.002	F4	4.269	90.363	90.310	0.053	80.5	100	P
	F5		90.310					

Foul Water Manhole Schedule

No.	CL	IL	Depth	Construction	Cover	Dia. Ø
F1	93.075	90.882	2.193	PPIC	B125	450
F2	92.875	90.806	2.069	PPIC	B125	450
F3	92.625	90.540	2.085	PPIC	B125	450
F4	91.635	90.363	1.272	PPIC	B125	450
F5	91.330	90.310	1.020	PPIC	D400	450

Surface Water Pipeline Schedule

No	US MH	Length	ILUS	ILDS	Fall	Grad.	Diameter	Construction
S1.000	S1	7.900	91.111	90.839	0.272	29.0	150	P
S2.000	S2	8.400	91.233	90.839	0.394	21.3	150	P
S3.000	S3	8.500	91.123	90.839	0.284	29.9	150	P
S1.001	S4	6.600	90.839	90.651	0.188	35.1	150	P
S1.002	S5	6.100	90.651	90.610	0.041	148.8	150	P
S1.003	S6	1.000	90.610	90.580	0.030	33.3	150	P
S1.004	S7	2.300	90.580	90.465	0.115	20.0	150	P
S1.005	S8	21.500	90.465	89.390	1.075	20.0	150	P

Surface Water Manhole Schedule

No.	CL	IL	Depth	Construction	Cover	Notes
S1	92.625	91.111	1.514	PPIC	B125	450mmØ inspection chamber
S2	93.300	91.233	2.067	PPIC	B125	450mmØ inspection chamber
S3	92.490	91.123	1.367	PPIC	B125	450mmØ inspection chamber
S4	92.850	90.839	2.011	PPIC	B125	450mmØ inspection chamber
S5	92.150	90.651	1.499	PPIC	D400	450mmØ catchpit chamber
S6	91.650	90.610	1.040	PPIC	D400	OFCC500 Control - 70mm orifice
S7	91.635	90.580	1.055	PPIC	D400	450mmØ inspection chamber - Demarcation Chamber
S8	91.330	90.465	0.865	PPIC	D400	450mmØ inspection chamber
Outfall	90.290	89.390	0.900	PPIC	D400	Existing surface water sewer

Note:
Survey levels and manhole Cover
Levels differ by approximately 10m

Connection into existing foul
sewer subject to S106 agreement
with Severn Trent Water

SVP locations are taken from
Architects information on
SK01 – drainage points

Connection into existing storm
sewer subject to S106 agreement
with Severn Trent Water

RWP locations are taken from
Architects information on
SK01 – drainage points

Attenuation Tank Aquacell
Core-R or equal approved
4.0x4.5x0.4x0.95m providing
6.84m³ of storage
Minimum 640mm cover

S6 – Control
OFCC500 chamber with 70mmØ
orifice controlled to 4.8 l/s

Attenuation Tank
CL 101.65
TOT 101.01
BOT 90.61
Minimum 640mm cover

Gas Governor
indicates gas main
pipes within the area.
Caution advised.

DRAINAGE LAYOUT
Scale 1:100

DO NOT SCALE
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NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DWS DRAWINGS, CALCULATIONS, REPORTS AND SPECIFICATIONS (WHERE APPLICABLE) AND, ALL OTHER RELEVANT ENGINEERS, ARCHITECTS & SPECIALIST DESIGN DETAILS.
- STANDARD NOTES & DETAILS:
Refer to drawing number 0-170 onwards for standard notes – CIVIL
Refer to drawing number 0-180 onwards for standard details – CIVIL

SCALE BAR TEST

1:100 6m @ 1:100 1:100
All dimensions to be verified by accurate site measurement prior to commencing work or ordering materials.

KEY

- Surface Water Pipe (Adoptable)
- Surface Water Pipe (Private)
- Surface Water Pipe (Perforated)
- Surface Water Rising Main (Adoptable)
- Surface Water Rising Main (Private)
- Surface Water Pipe (Lateral)
- Surface Water Chamber (Adoptable)
- Surface Water Chamber (Private)
- Rodding Eye
- Gully
- Linear Drain
- Attenuation Tank
- Soakaway
- Permeable Paving
- Fin Drain
- Foul Water Pipe (Adoptable)
- Foul Water Pipe (Private)
- Foul Water Rising Main (Adoptable)
- Foul Water Rising Main (Private)
- Foul Water Pipe (Lateral)
- Foul Water Chamber (Adoptable)
- Foul Water Chamber (Private)
- Back Inlet Gully/Foul Gully
- Combined Water Pipe (Adoptable)
- Combined Water Pipe (Private)
- Combined Water Rising Main (Adoptable)
- Combined Water Rising Main (Private)
- Combined Water Chamber (Adoptable)
- Combined Water Chamber (Private)
- Exceedence Flow Route
- Concrete Pipe Protection
- Sewer Easement
- Existing Surface Water Sewer
- Existing Foul Water Sewer
- Existing Combined Water Sewer
- Root Protection Area
- Site Boundary

P2	Added threshold drains. Attenuation tank reduced in size	08.04.25	DW
P1	First issue	25.02.25	DW
Ref	Revision	Date	By

NOT FOR CONSTRUCTION

PRELIMINARY

DWS
Consulting Engineers

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Project Title
19-21 RATBY ROAD
GROBY

Drawn DW	Engineer DW	Checked BP
Scale at 1:100 @ A1		Date FEB 2025

Drawing Title
DRAINAGE LAYOUT

Project No. 24-21616	Drawing No. 0-500	Revision P2
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BIM Code