Surface Water Schedule

Manhole Ref	Cover Level	Pipe Invert level	Depth to Pipe invert (mm)	Type	Cover Grade	Comments
S1	86.250	85.500	750	D	A15	
S2	86.250	85.200	1050	D	A15	
S3	86.250	85.000	1250	D	A15	
S4	86.150	85.200	950	D	A15	
S5	86.200	85.269	931	D	A15	
S6	86.500	85.573	927	D	A15	
S7	86.500	85.734	766	D	A15	
S8	86.510	85.800	710	D	A15	
S9	86.200	84.814	1386	D	D400	CATCHPIT
S10	86.200	84.699	1501	CC	D400	CONTROL CHAMBER

Foul Water Schedule

Manhole Ref	Cover Level	Pipe Invert level	Depth to Pipe invert (mm)	Type	Cover Grade	Comments
F1	86.250	85.450	800	D	B125	
F2	86.250	84.800	1450	D	B125	
F3	86.470	85.000	1470	D	A15	
F4	86.400	85.400	1000	D	A15	
F5	87.000	86.450	550	D	A15	BRAKE CHAMBER
PS	86.200	84.650	1550	B	D400	PUMP STATION

Notes:

1. For drainage construction details refer to drawing No.1254–MPA–XX–XX–DR–C–2310–502.

2. All pipe runs are to be 100mm nominal diameter unless otherwise stated.

3. For information and setting out of internal drainage points refer to Architects layout drawings.

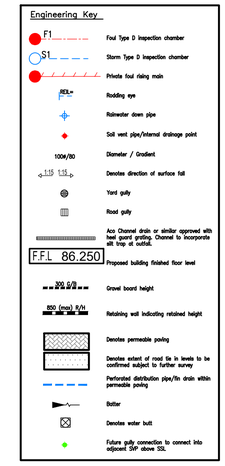
4. All chamber cover levels given are approximate to +/– 50mm.

5. Pipe gradients are for guidance only. For precise invert levels of manholes, please refer to manhole schedule.

6. Pump station to be a twin pump packaged installation set to operate on a duty standby basis. Pumps to be macerators type generally in accordance with the WRC design an construction guidance.

7. Rising main to be black MDPE. The minimum size should be 80 mm nominal bore.

8. Pumps station to be fitted with an audio and visual alarm with emergency storage provided at a rate of 150litres per occupant. Alarms to be monitored and responded to by a management company.



REV	REVISIONS	DATE
P7	DRAWING SUITED TO SUIT CLIENTS COMMENTS 27.03.24	03.04.24
P6	DRAWING SUITED TO SUIT CLIENTS COMMENTS 17.01.24	18.01.24
P5	DISTANCE BETWEEN F5 BRAKE CHAMBER AND PUBLIC SEWER INCREASED TO 5M	12.01.24
P4	THAMES WATER MH REF.841A AND GRAVITY PIPE LENGTH ADDED	11.01.24
P3	DRAWING AMENDED TO SUIT MPA COMMENTS 21.12.23	21.12.23
P2	WATER BUTTS ADDED TO PLAN AND KEY	20.12.23
P1	PRELIMINARY ISSUE	19.12.23

PROJECT
SULLIVAN CRESCENT
HAREFIELD

TITLE
DRAINAGE PLAN

CLIENT
bugler DEVELOPMENTS

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DRAWN	SCALE		JOB NO	
LK	1:200	@A1	1254	
CHECKED	DATE		DRG NO	REV
LW	NOV 23 23		500	P7

CLIENT REF NUMBER
1254 - MPA - XX- XX- DR - C- 2310_500