


.	C-04841-C	
.	Wykham Park Farm	
.	Catchment 1	
Date 14/09/2020	Designed by SM	
File WPF-HYD-XX-XX-CA-C-0001 FEH.pdf...	Checked by Sean Mitchinson	
Innovyze	Network 2018.1.1	

100 year Return Period Summary of Critical Results by Maximum Level (Rank 1) for STORM NETWORK

3

PN	US/MH Name	Flow / Cap.	Overflow (l/s)	Pipe Flow (l/s)	Status	Level Exceeded
S1.000	SL	0.08		8.6	SURCHARGED	
S1.001	SL	1.97		294.9	SURCHARGED	
S1.002	S48	1.14		328.9	SURCHARGED	
S2.000	SL	1.11		275.7	SURCHARGED	
S1.003	S49	0.65		824.7	SURCHARGED	
S3.000	S6	0.04		28.3	FLOOD RISK	
S1.004	S50	2.44		766.4	FLOOD RISK	
S1.005	S51	1.68		781.2	SURCHARGED	
S4.000	S52	0.81		73.3	SURCHARGED	
S1.006	S53	2.04		1001.2	SURCHARGED	
S1.007	S54	1.74		949.2	SURCHARGED	
S1.008	S55	1.75		990.3	SURCHARGED	
S1.009	S56	0.17		101.1	SURCHARGED	
S1.010	SHW13	0.16		113.8	SURCHARGED	
S1.011	SHW14	0.01		4.8	FLOOD RISK	
S1.012	S57	0.13		4.8	OK	
S1.013	S58	0.10		4.8	OK	
S1.014	S59	0.09		4.8	OK	
S1.015	S60	0.12		4.8	OK	
S1.016	S61	0.15		4.8	OK	
S1.017	S62	0.05		4.8	OK	
S1.018	S63	0.06		4.8	OK	
S1.019	S64	0.14		4.8	OK	
S1.020	S65	0.12		4.8	OK	

Appendix F Catchment 1 Southern Outfall Plan

DATUM 125.000

OFFSET					
GROUND LEVEL	127.244	127.259	127.293	127.297	127.340
FEATURE LEVEL			126.471	126.459	127.340
			126.471	126.459	127.340

ALIGNMENT SOUTHERN GREENWAY - CH 30.00m

DATUM 124.000

OFFSET				
GROUND LEVEL	126.350	126.355	126.357	126.358
FEATURE LEVEL			124.468	124.468
			124.468	124.468

ALIGNMENT SOUTHERN GREENWAY - CH 110.0m

DATUM 122.000

OFFSET					
GROUND LEVEL	124.874	124.803	124.823	124.828	124.993
FEATURE LEVEL			122.858	122.858	124.993
			122.858	122.858	124.993

ALIGNMENT SOUTHERN GREENWAY - CH 200.0m

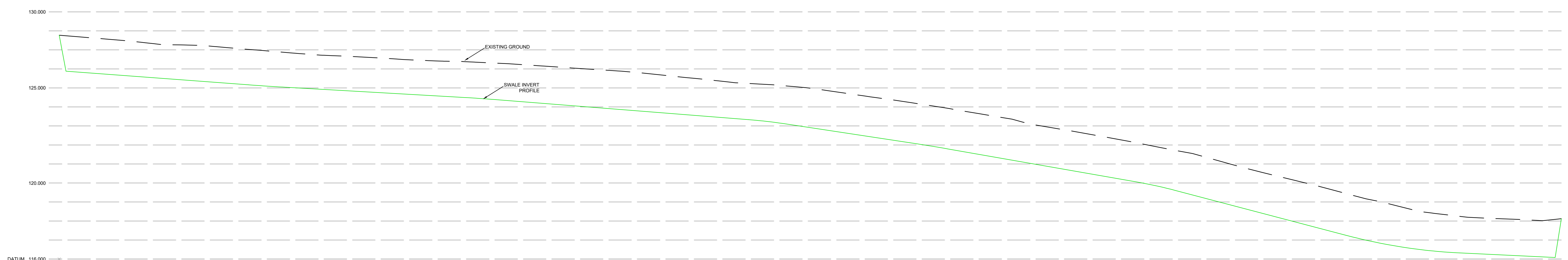
DATUM 117.000

OFFSET					
GROUND LEVEL	119.882	119.987	119.975	119.918	119.896
FEATURE LEVEL			117.730	117.718	119.896
			117.730	117.718	119.896

ALIGNMENT SOUTHERN GREENWAY - CH 330.0m

DATUM 125.000

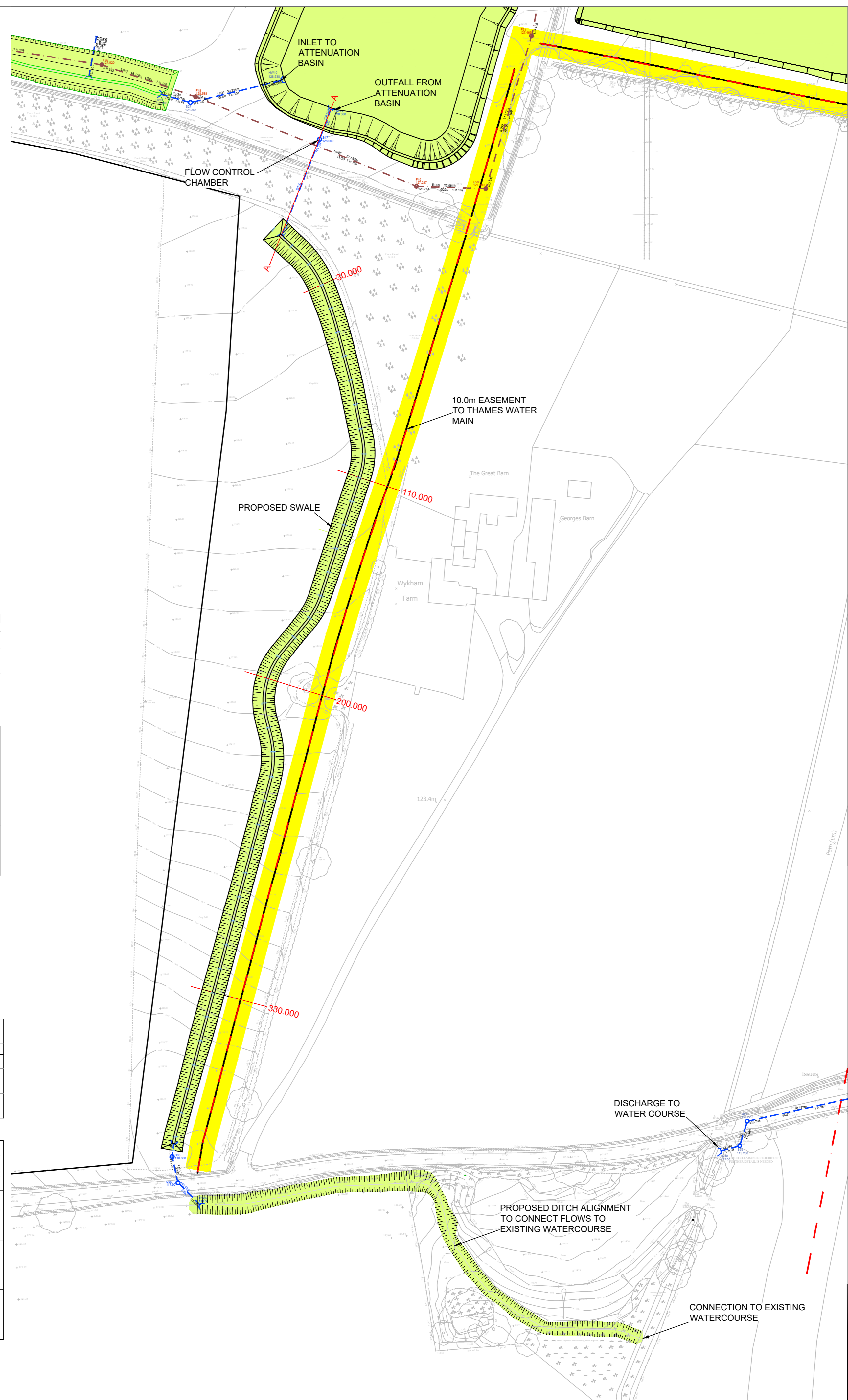
CHAINAGE	0.000	10.000	20.000	23.768	30.000	40.000	50.000	59.710	60.000	66.688	69.443
EXISTING GROUND LEVEL	126.200	126.095	127.095		127.897	127.831		127.789	127.866	127.583	127.574
SOU GRW LEVEL											
DETENTION BASIN LEVEL	126.300	126.300	126.014	127.875					126.522	127.583	127.574



DATUM 116.000

CHAINAGE	0.000	13.951	30.722	29.722	40.000	60.000	74.439	83.500	100.000	103.000	109.300	109.300	117.200	109.200	216.839	222.844	241.000	241.000	280.000	280.000
EXISTING GROUND LEVEL	127.732	127.668	127.526	127.501	127.101	127.051	126.850	126.744	126.623	126.501	126.374	126.247	126.114	125.981	125.850	125.724	125.597	125.470	125.343	125.216
ALIGNMENT LEVEL	125.905	125.796	125.907	125.659	125.101	125.164	125.020	124.916	124.803	124.686	124.574	124.461	124.344	124.227	124.110	123.993	123.876	123.759	123.642	123.525
VERTICAL ALIGNMENT	Gr: -1.487%		Ri: -388.007 L: 10.000		Gr: -1.441%		Gr: -1.081%		L: 10.000 Ri: -662.008		Gr: -3.024%		L: 10.000 Ri: -510.008		Gr: -3.465%		L: 10.000 Ri: -510.008		Gr: -0.850%	
HORIZONTAL ALIGNMENT	Ri: 40.602		Ri: 103.030		Ri: 103.030		Ri: 30.068		Ri: 34.792		Ri: 30.510		Ri: 37.256		Ri: 607.886 L: 50.000		Ri: 607.886 L: 50.000		Ri: 607.886 L: 50.000	

SOUTHERN SWALE LONGITUDINAL SECTION
SCALE Horiz 1:500 Vert 1:200



NOTES

REVISIONS

Rev	Date	Description	By	Clk	App
P03	12/10/2020	Updated swale cross section and ditch route	MF	SM	SM
P02	27/04/20	Added Greyscale Layout	MF	SM	SM
P01	02/07/18	First Issue	MF	SM	SM

CLIENT: L & Q ESTATES

PROJECT: WYKHAM PARK FARM BANBURY

TITLE: SOUTHERN GREENWAY CROSS SECTIONS & GENERAL ARRANGEMENT

HYDROCK PROJECT NO.: C-04841-C
SCALE @ A0: 1:1000

STATUS DESCRIPTION: INFORMATION
STATUS: S2

DRAWING NO.: WPF-HYD-XX-XX-DR-C-2120
REVISION: P03