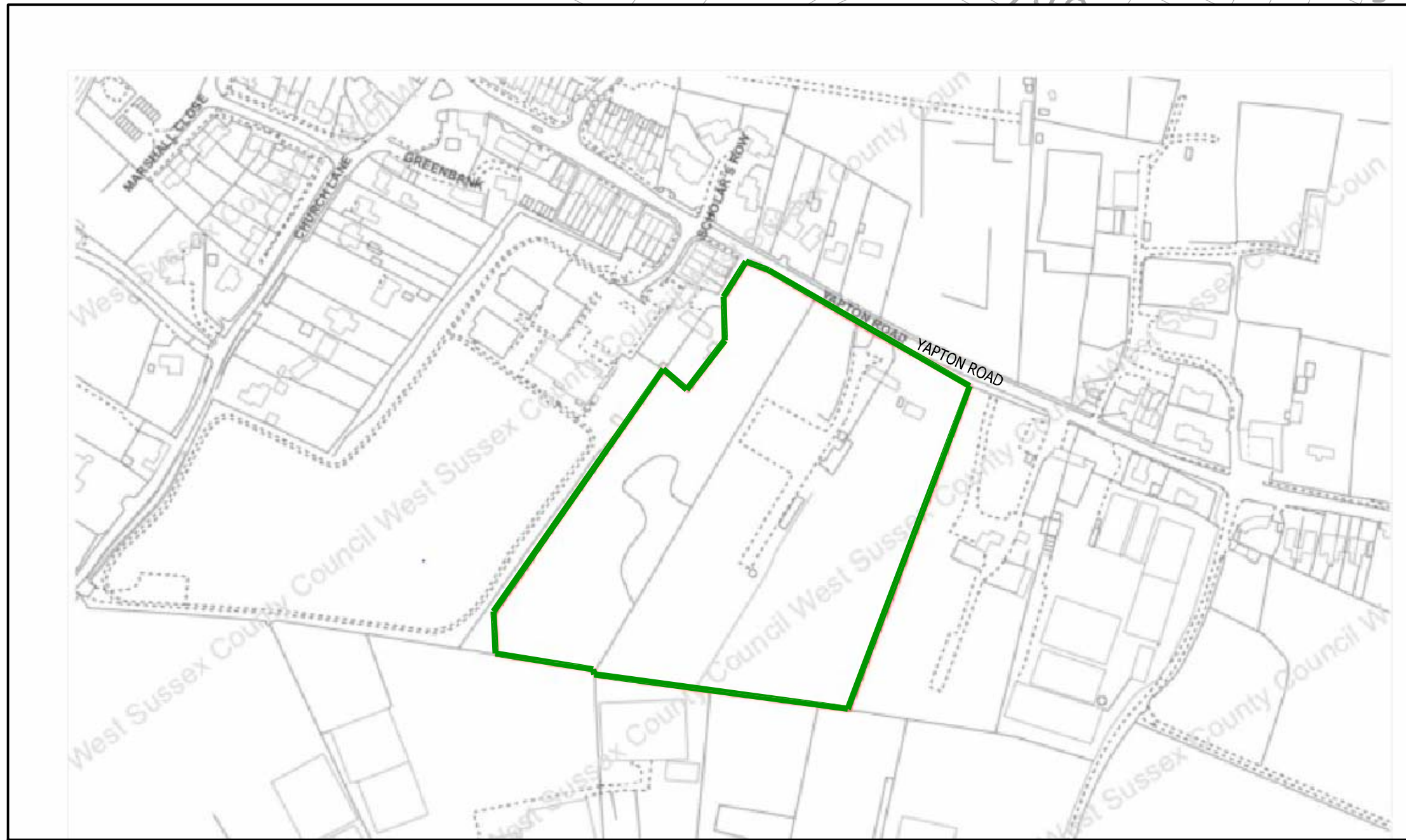




LOCATION PLAN
SCALE 1:2500

REFER TO DRAWING
19812-GS-Z1-XX-DR-C-2105 FOR
DRAINAGE DETAILS RELATIVE
TO ALL ADOPTABLE DRAINAGE

ALL DRAINAGE PIPEWORK MATERIAL UP TO
300mm TO BE VITRIFIED CLAY, HIGH
STRENGTH. ABOVE 300mm TO BE HIGH
STRENGTH CONCRETE

ALL WORK TO BE AS SEWERS FOR
ADOPTION, 6TH EDITION+TECH
ADDENDUM & ANY SOUTHERN WATER
AMENDMENTS TO THIS EDITION

IMPORTANT NOTE:

ALL WORKS TO ADOPTABLE
SECTION 104 SURFACE
WATER AND FOUL WATER
SEWERS WILL BE AT RISK
UNTIL SECTION 104
TECHNICAL APPROVAL

SURFACE WATER MANHOLE SCHEDULE											
MH Ref	Eastings	Northings	Size	CL	IL	SL	Depth to IL/SL to soffit	Type	Cover		
S2	496302.487	104088.103	1200 x 675mm	10.005	9.005		1.000	0.775	Type D	D400	
S3	496297.881	104080.616	1200 x 675mm	10.150	8.950		1.200	0.975	Type C	D400	
S4	496267.536	104090.693	1200 x 675mm	9.715*	8.695		1.020	0.795	Type D	D400	
S7	496256.382	104089.630	1200 x 750mm	9.630*	8.670		0.960	0.660	Type D	D400	
S11	496228.719	104047.118	1200 x 900mm	9.745*	8.470		1.275	0.825	Type D	D400	
S12	496219.350	104032.524	1200 x 900mm	9.605*	8.365		1.240	0.790	Type D	D400	
S13	496208.608	104014.464	1200 x 900mm	9.740*	8.370		1.370	0.920	Type C	D400	
S35	496200.825	103994.530	1200 x 900mm	9.850*	8.250		1.600	1.150	Type C	D400	
S16	496198.823	103972.212	1200 x 900mm	9.630*	8.290		1.340	0.890	Type C	D400	
S19	496268.807	103969.591	1200 x 900mm	9.650*	8.090		1.560	1.110	Type C	D400	
S32	496327.766	104039.659	1200 x 900mm	9.850*	8.510		1.340	0.890	Type D	D400	
S14	496312.143	103999.543	1200 x 900mm	9.955*	8.345		1.610	1.160	Type C	D400	
S36	496307.212	103986.243	1200 x 900mm	9.805*	8.305		1.500	1.050	Type C	D400	
S37	496304.658	103966.243	1200 x 900mm	9.570*	8.275		1.295	0.845	Type D	D400	
S40	496287.744	103966.675	1200 x 900mm	9.850*	8.235		1.615	1.165	Type C	D400	
* Temporary cover levels											

FOUL MANHOLE SCHEDULE											
MH	Eastings	Northings	Size	CL	IL	Depth to IL	Depth to soffit	Type	Cover		
F2	496312.896	104111.172	1200mm	9.495*	6.645	2.850	2.700	Type B	D400		
F3	496297.943	104083.632	1200mm	10.115*	6.845	3.270	3.120	Type A	D400		
F4	496267.123	104092.975	1200mm	9.670*	7.050	2.620	2.470	Type B	D400		
F5	496257.786	104088.942	1200mm	9.620*	7.150	2.470	2.320	Type B	D400		
F6	496238.255	104057.084	1200mm	9.860*	7.410	2.450	2.300	Type B	D400		
F7	496217.172	104025.815	1200mm	9.580*	7.645	1.935	1.785	Type B	D400		
F8	496211.331	104016.992	1200mm	9.690*	7.720	1.970	1.820	Type B	D400		
F9	496203.085	103995.851	1200mm	9.880*	7.880	2.000	1.850	Type B	D400		
F10	496200.645	103974.286	1200mm	9.685*	8.195	1.490	1.390	Type B	D400		
F18	496207.909	104031.222	1200mm	9.480*	7.830	1.650	1.500	Type B	D400		
F19	496203.016	103971.890	1200mm	9.670*	8.090	1.580	1.430	Type B	D400		
F20	496205.171	103986.927	1200mm	9.770*	7.805	1.970	1.820	Type B	D400		
F21	496323.563	104035.043	1200mm	9.880*	7.270	2.610	2.460	Type B	D400		
F22	496329.752	104052.250	1200mm	9.715*	7.175	2.540	2.390	Type B	D400		
F23	496329.653	104060.088	1200mm	9.690*	7.100	2.590	2.440	Type B	D400		
F24	496317.456	104071.010	1200mm	9.870*	6.990	2.880	2.730	Type B	D400		
* Temporary cover levels											

AS BUILT COVER AND INVERT
LEVELS RECORDED BY BLAZE
CONSTRUCTION

- DESIGN NOTES
1. SURFACE WATER/FOUL SEWER DESIGN TO SEWERS FOR ADOPTION 6TH EDITION. SUBJECT TO SECTION 104 APPROVAL BY SOUTHERN WATER.
 2. FOUNDATIONS OF BUILDINGS ADJACENT TO SEWERS TO BE DESIGNED TO BE SUFFICIENTLY DEEP IN ACCORDANCE WITH SEWERS FOR ADOPTION 7TH EDITION FIG B.1 & FIG B.2.
 3. CONTRACTOR TO ESTABLISH LOCATIONS OF ALL EXISTING SERVICES PRIOR TO COMMENCING.
 4. EXISTING TREES TO BE PROTECTED WHERE EXCAVATIONS RUN CLOSE.

- GENERAL NOTES
1. The location, size, depth and identification of existing services that may be shown or referred to on this drawing have been assessed from non intrusive observations, record drawings or the like. The contractor shall safely carry out intrusive investigations, trial holes or soundings prior to commencing work to satisfy himself that it is safe to proceed and that the assessments are accurate. Any discrepancies shall be notified to gta prior to works commencing.
 2. Tender or billing drawings shall not be used for construction or the ordering of materials.
 3. Do not scale. All dimensions and levels to be site confirmed.
 4. This drawing shall be read in conjunction with all relevant architects, consultants drawings and specifications, together with H&S plan requirements.
 5. Copyright : This drawing must not be copied, amended nor reproduced without the prior written agreement of gta.
 6. All drawings specifications and recommendations made by gta are subject to Local Authority and other relevant Statutory Authorities approval. Any works or services made abortive due to the client proceeding prior to these approvals is considered wholly at the Clients risk: gta hold no responsibility for resulting abortive works or costs.

ABBREVIATIONS

D307.0	DETAIL NUMBER	SEE DRAINAGE DETAIL SHEET
FD	FOUL DRAIN	
SWD	SURFACE WATER DRAIN	
FWS	ADOPTABLE FOUL WATER SEWER	
SWS	ADOPTABLE SURFACE WATER SEWER	
MH	MANHOLE	
IC	INSPECTION CHAMBER	
SA	SOAKAWAY	
FIC	450mm DIA. FOUL INSPECTION CHAMBER - D202.6	
SIC	450mm DIA. SURFACE WATER INSPECTION CHAMBER - D202.6	
FAC	300mm DIA. FOUL ACCESS CHAMBER - D202.18	
SAC	300mm DIA. SURFACE WATER ACCESS CHAMBER - D202.18	
CI	CAST IRON	
VC	VITRIFIED CLAY	
CONC	CONCRETE	
PVC-U	POLYVINYL CHLORIDE - UNPLASTICISED	
G	SMALL GULLY - D209.0	
YG	YARD GULLY - D209.2	
RG	ROAD GULLY - D208.1	
CPG	CAR PARK GULLY - D208.2	
DP	BELOW GROUND DRAIN POINT	
SVP	SOIL VENT PIPE DROP	
RP	EXTERNAL RODDING POINT - D213.1	
DT	SURFACE WATER DISTRIBUTION TANK	
FFL	FINISHED FLOOR LEVEL	
SSL	STRUCTURAL SLAB LEVEL	
GL	GROUND LEVEL	
CL	COVER LEVEL	
IL	INVERT LEVEL	
HL	HIGH LEVEL	
BD	BACKDROP	
CBS	CONCRETE BED & SURROUND	
CLASS 5	GRANULAR BED & SURROUND	
CLASS 8	GRANULAR BED	

- KEY
- Existing Foul Drainage
 - Private Storm Drainage
 - Private Foul Drainage
 - Adoptable Storm Drainage S104
 - Adoptable Foul Drainage S104
 - Adoptable Foul Sewer Manhole S104
 - Adoptable Storm Sewer Manhole S104
 - Agreement Boundary
 - 3m Easement outside of highway

A2	Layout changed	28/02/22	SDL	MR			
A1	AS BUILT ISSUE	25/01/22	KW	SDL			
C4	Updated to GTA Title Block	09/12/21	NG	MR			
C3	Revised to Southern Water comments	09/11/20	SDL	MR			
C2	Revised to Southern Water comments	15/10/20	SDL	MR			
C1	CONSTRUCTION ISSUE	17/09/20	MR	SDL			
P4	Updated to Client comments	21.2.20	GS	SDL			
P3	Revised to latest site layout	31.1.20	MR	SDL			
P2	Revised to updated site layout	20/12/19	MR	SDL			
P1	INITIAL ISSUE	06/11/18	MR	SDL			
Rev	Amendments	Date	Don	Chk			
Status							
AS BUILT							
Client							
 REDROW							
Architect							
RH PARTNERSHIP							
Project							
ANGEL & HYDE NURSERIES YAPTON ROAD, BARNHAM							
Title							
AS BUILT SECTION 104 LAYOUT							
Date		Scale @ A1		1:500			
NOVEMBER 2019							
Clients Ref.		Project Ref.		7033			
gta Civils & Transport							
Gloucester House, 66a Church Walk, Burgess Hill, West Sussex, RH15 9AS Tel.01444 871444 Web: www.gtacivils.co.uk							
Drawing Number							
19812-GS-Z1-XX-DR-C-2020							
Rev.							
A2							