20079 - Dappers Lane

CONTRIBUTING SURFACE WATER CATCHMENT AREAS

SW MH / IC Reference	Areas with no Urban Creep (m^2)	Areas with Urban Creep (m^2)	Area x 1.08 (Urban Creep 8%) (m2)	Total Design Impermeable Area (ha)
2	196	0	0	0.020
102	98	75	81	0.018
104	0	77	83	0.008
106	93	83	90	0.018
108	55	92	99	0.015
110	0	40	43	0.004
112	103	0	0	0.010
114	51	57	62	0.011
116	64	26	28	0.009
118	0	16	17	0.002
4	396	0	0	0.040
6	202	0	0	0.020
120	47	36	39	0.009
122	50	56	60	0.011
124	0	83	90	0.009
CS01	0	0	0	0.000
126	42	73	79	0.012
VC01	0	0	0	0.000
8	557	0	0	0.056
128	84	38	41	0.013
130	0	44	48	0.005
130A	0	0	0	0.000
132	32	55	59	0.009
134	0	99	107	0.011
136	0	44	48	0.005
138	195	0	0	0.020
140	79	28	30	0.011
142	17	30	32	0.005
144	0	60	65	0.006
146	105	66	71	0.018
148	60	69	75	0.013
150	156	88	95	0.025
152	0	0	0	0.000
154	0	55	59	0.006
156	0	61	66	0.007
158	79	0	0	0.008
160	33	44	48	0.008
162	67	36	39	0.011
164	205	0	0	0.021
166	0	55	59	0.006
168	0	72	78	0.008
170	0	28	30	0.003
172	37	29	31	0.007
174	100	70	76	0.018
176	26	34	37	0.006
178	0	0	0	0.000
10	402	0	0	0.040
CC12	0	0	0	0.000
180	77	46	50	0.013
182	0	41	44	0.004
184	87	48	52	0.014
186	0	21	23	0.002
188	0	10	11	0.001
190	0	33	36	0.004
192	0	17	18	0.002
194	0	0	0	0.000
14	0	0	0	0.000
196	104	87	94	0.020
198	0	89	96	0.010
200	118	0	0	0.012
202	23	0	0	0.002
204	159	52	56	0.022
206	0	0	0	0.000
208	0	76	82	0.008
210	87	45	49	0.014
212	68	50	54	0.012
16	206	0	0	0.021
214	334	116	125	0.046
216	236	0	0	0.024
218	153	69	75	0.023
220	67	46	50	0.012
222	48	54	58	0.011
224	175	28	30	0.021
18	209	0	0	0.021
226	78	46	50	0.013
228	0	113	122	0.012
230	49	89	96	0.015
232	30	87	94	0.012
234	65	28	30	0.010
236	0	0	0	0.000
20	424	0	0	0.042
238	0	44	48	0.005
CS02	0	0	0	0.000
VC02	186	0	0	0.019
22	251	0	0	0.025
24	190	0	0	0.019
26	0	0	0	0.000
CC28	0	0	0	0.000
240	37	58	63	0.010
242	81	84	91	0.017
244	0	21	23	0.002
246	0	21	23	0.002
268	33	64	69	0.010
250	0	117	126	0.013
252	95	0	0	0.010
30	101	0	0	0.010
32	0	0	0	0.000
254	204	76	82	0.029
256	0	87	94	0.009
258	131	58	63	0.019
260	93	82	89	0.018
262	117	0	0	0.012
34	66	0	0	0.007
264	0	86	93	0.009
266	97	66	71	0.017
36	0	0	0	0.000
BASIN	1154	N/A	1154	0.115
268	33	76	82	0.012
270	0	21	23	0.002
272	69	42	45	0.011
274	0	42	45	0.005
276	23	76	82	0.011
278	0	21	23	0.002
280	37	0	0	0.004
282	41	35	38	0.008
284	228	135	146	0.037
286	0	151	163	0.016
288	220	0	0	0.022
290	143	0	0	0.014
292	91	33	36	0.013
294	152	33	36	0.019
296	46	0	0	0.005
298	88	28	30	0.012
300	0	52	56	0.006
302	0	92	99	0.010
304	0	82	89	0.009
306	0	62	67	0.007
CC38	0	0	0	0.000
40	0	0	0	0.000
42	0	0	0	0.000
44	0	0	0	0.000
46	0	0	0	0.000
48	0	0	0	0.000
50	0	0	0	0.000
		TOTAL CONTRIBUTING DESIGN AREA (ha) =		1.579

The Contractor is to check and verify in conjunction with the Architects details all setting out points, building and site dimensions, levels and sewer invert levels at connection points and ensure that they are fully conversant with the contents and requirements of the site investigation report before work starts. The Contractor is to comply in all respects with current building legislation, British Standard Specifications, Building Regulations etc.,whether or not specifically stated on this drawing.
This drawing is not intended to show details of ground conditions or ground contaminants. Each area of ground relied upon to support any structure depicted (including drainage) must be investigated by the Contractor any areas of formation for said structures which do not accord with the anticipated conditions as described in the site investigation report are to be immediately notified to the Engineer, where applicable. Any suspect fluid ground or ground contaminants on or within the ground should be further investigated by a suitable expert.
Any earthworks shown indicate typical slopes for guidance only and should be investigated further by a suitable geotechnical expert.
Where existing trees are shown to be retained they should be subject to a full Arboricultural inspection for safety. All trees are to be planted so as to ensure they are a minimum of 5 metres from buildings and 3 metres from drainage and services, where applicable. A foundation is to be provided to accommodate the proposed tree planting, where applicable.

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GENERAL NOTES

- This drawing is to be read in conjunction with relevant architectural and engineering drawings.
- Any discrepancies between the details shown and actual on site conditions to be reported immediately to the engineer prior to commencement of works.

Legend:

- Areas with NO Urban Creep Applied
- Areas with 8% Urban Creep Applied
- S02 Surface Water MH Reference

Rev.	Description	Date	By
B	Contributing areas updated to reflect latest calculations file following minor tweaks to drainage design. Drawing status updated to 'Construction' subject to discharge of planning conditions as requested by client.	04/10/2021	OB
A	Contributing areas updated to reflect latest calculations file. Drawing updated to reflect drainage planning officers' comments. Plot drainage included within drainage model and catchment areas / summary table updated to suit.	29/08/2021	OB
-	First Issue	03/08/2021	LJ

Drawing Status

CONSTRUCTION

Subject to Arun District Council Conditions 17, 18, 19, 21 & 22 and ICOSA approval as part of ongoing consultations and design checks. Amendments may be requested.

Client

PERSIMMON
Together, we make a home

Project

Dappers Lane, Angmering
West Sussex

Title

Surface Water Catchment Area Plan

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Scale	1:500 @ A1	Drawn	LJ
Date	August 2021	Checked	OB
File	20079 / dwgs / civils / current	Drawing	20079 / 171 B

ARUN DISTRICT COUNCIL A/188/21/DOC