

25143 - Network 1					
CONTRIBUTING SURFACE WATER CATCHMENT AREAS					Total Design Impermeable Area
SW MH Reference	Private Area (m ²)	Adoptable B Shared Area (m ²)	Private Area x 1.10 (Urban Creep 10%) (m ²)	Impermeable Area (m ²)	(ha)
7	234	78	273	0.040	
8	222	222	252	0.037	
6	493	295	542	0.083	
EXM101	0	0	0	0.000	
TOTAL CONTRIBUTING DESIGN AREA (ha) =					0.199

25143 - Network 2					
CONTRIBUTING SURFACE WATER CATCHMENT AREAS					Total Design Impermeable Area
SW MH Reference	Private Area (m ²)	Adoptable B Shared Area (m ²)	Private Area x 1.10 (Urban Creep 10%) (m ²)	Impermeable Area (m ²)	(ha)
9	352	227	398	0.055	
10	322	231	404	0.061	
12	358	241	394	0.055	
14	395	329	435	0.073	
16	439	363	483	0.085	
18	442	325	506	0.083	
20	0	55	0	0.006	
22	165	18	193	0.043	
24	0	77	0	0.008	
26	230	126	253	0.040	
28	0	0	0	0.000	
TOTAL CONTRIBUTING DESIGN AREA (ha) =					0.547

25143 - Network 3					
CONTRIBUTING SURFACE WATER CATCHMENT AREAS					Total Design Impermeable Area
SW MH Reference	Private Area (m ²)	Adoptable B Shared Area (m ²)	Private Area x 1.10 (Urban Creep 10%) (m ²)	Impermeable Area (m ²)	(ha)
30	530	762	645	0.143	
32	532	209	605	0.090	
34	527	428	593	0.102	
36	554	311	609	0.070	
38	527	293	580	0.078	
40	232	220	255	0.063	
42	0	200	0	0.029	
44	393	268	432	0.064	
46	410	130	451	0.063	
48	420	174	480	0.063	
50	536	391	609	0.107	
52	509	289	560	0.085	
54	492	274	539	0.080	
56	0	0	0	0.000	
TOTAL CONTRIBUTING DESIGN AREA (ha) =					1.022

25143 - Network 4					
CONTRIBUTING SURFACE WATER CATCHMENT AREAS					Total Design Impermeable Area
SW MH Reference	Private Area (m ²)	Adoptable B Shared Area (m ²)	Private Area x 1.10 (Urban Creep 10%) (m ²)	Impermeable Area (m ²)	(ha)
58	135	231	150	0.099	
60	0	307	0	0.033	
62	1277	909	1400	0.378	
64	640	290	704	0.099	
66	189	471	138	0.079	
68	0	264	0	0.036	
70	660	0	726	0.104	
EXM102	0	0	0	0.000	
TOTAL CONTRIBUTING DESIGN AREA (ha) =					0.552

25143 - Network 5					
CONTRIBUTING SURFACE WATER CATCHMENT AREAS					Total Design Impermeable Area
SW MH Reference	Private Area (m ²)	Adoptable B Shared Area (m ²)	Private Area x 1.10 (Urban Creep 10%) (m ²)	Impermeable Area (m ²)	(ha)
72	334	255	375	0.097	
74	252	184	277	0.049	
76	0	172	0	0.017	
78	553	200	608	0.084	
80	483	233	549	0.099	
82	376	133	414	0.054	
84	0	103	0	0.010	
86	0	64	0	0.006	
88	0	152	0	0.019	
90	670	100	802	0.107	
92	556	238	612	0.087	
94	0	498	0	0.043	
96	0	369	0	0.037	
98	563	235	633	0.084	
100	536	202	598	0.077	
102	493	406	543	0.141	
104	0	0	0	0.000	
TOTAL CONTRIBUTING DESIGN AREA (ha) =					1.005

25143 - Network 6					
CONTRIBUTING SURFACE WATER CATCHMENT AREAS					Total Design Impermeable Area
SW MH Reference	Private Area (m ²)	Adoptable B Shared Area (m ²)	Private Area x 1.10 (Urban Creep 10%) (m ²)	Impermeable Area (m ²)	(ha)
106	640	306	704	0.133	
108	0	263	0	0.026	
110	539	263	593	0.059	
112	374	237	415	0.047	
114	0	0	0	0.000	
116	408	180	460	0.063	
118	0	300	0	0.045	
120	0	184	0	0.018	
122	534	138	593	0.071	
124	0	0	0	0.000	
EXM103	0	0	0	0.000	
TOTAL CONTRIBUTING DESIGN AREA (ha) =					0.422

25143 - Network 7					
CONTRIBUTING SURFACE WATER CATCHMENT AREAS					Total Design Impermeable Area
SW MH Reference	Private Area (m ²)	Adoptable B Shared Area (m ²)	Private Area x 1.10 (Urban Creep 10%) (m ²)	Impermeable Area (m ²)	(ha)
126	607	599	668	0.140	
128	0	955	0	0.059	
EXM104	0	0	0	0.000	
TOTAL CONTRIBUTING DESIGN AREA (ha) =					0.162

25143 - Network 8					
CONTRIBUTING SURFACE WATER CATCHMENT AREAS					Total Design Impermeable Area
SW MH Reference	Private Area (m ²)	Adoptable B Shared Area (m ²)	Private Area x 1.10 (Urban Creep 10%) (m ²)	Impermeable Area (m ²)	(ha)
130	525	1023	578	0.138	
132	1170	0	1287	0.129	
EXM105	0	0	0	0.000	
TOTAL CONTRIBUTING DESIGN AREA (ha) =					0.267

25143 - Network 9					
CONTRIBUTING SURFACE WATER CATCHMENT AREAS					Total Design Impermeable Area
SW MH Reference	Private Area (m ²)	Adoptable B Shared Area (m ²)	Private Area x 1.10 (Urban Creep 10%) (m ²)	Impermeable Area (m ²)	(ha)
134	0	200	0	0.012	
136	0	1047	0	0.059	
138	660	0	726	0.094	
EXM110	0	0	0	0.000	
TOTAL CONTRIBUTING DESIGN AREA (ha) =					0.308

25143 - Network 10					
CONTRIBUTING SURFACE WATER CATCHMENT AREAS					Total Design Impermeable Area
SW MH Reference	Private Area (m ²)	Adoptable B Shared Area (m ²)	Private Area x 1.10 (Urban Creep 10%) (m ²)	Impermeable Area (m ²)	(ha)
140	739	228	792	0.109	
142	0	331	0	0.034	
144	638	321	680	0.100	
146	588	235	653	0.070	
148	465	248	505	0.075	
150	598	160	658	0.084	
152	239	221	262	0.043	
154	261	107	290	0.046	
156	0	231	0	0.023	
158	316	0	347	0.037	
EXM112	0	0	0	0.000	
TOTAL CONTRIBUTING DESIGN AREA (ha) =					0.617

25143 - Network 11					
CONTRIBUTING SURFACE WATER CATCHMENT AREAS					Total Design Impermeable Area
SW MH Reference	Private Area (m ²)	Adoptable B Shared Area (m ²)	Private Area x 1.10 (Urban Creep 10%) (m ²)	Impermeable Area (m ²)	(ha)
160	266	250	295	0.043	
EXM112	0	0	0	0.000	
TOTAL CONTRIBUTING DESIGN AREA (ha) =					0.082

25143 - Network 12					
CONTRIBUTING SURFACE WATER CATCHMENT AREAS					Total Design Impermeable Area
SW MH Reference	Private Area (m ²)	Adoptable B Shared Area (m ²)	Private Area x 1.10 (Urban Creep 10%) (m ²)	Impermeable Area (m ²)	(ha)
162	611	655	672	0.129	
164	374	132	413	0.069	
166	334	349	413	0.078	
168	0	10	0	0.000	
170	0	85	0	0.009	
172	534	143	597	0.070	
174	0	0	0	0.000	
EXM113	0	0	0	0.000	
TOTAL CONTRIBUTING DESIGN AREA (ha) =					0.354



© This drawing and the building works included are the copyright of Barratt Gate Ltd and may not be reproduced or stored without the written permission. The liability will be accepted for amendments made by other persons.

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.
- This drawing is not intended to show details of ground conditions or ground contents. Each area of ground represented is subject to a structural geotechnical investigation. Where the investigation is not completed, the Engineer shall be responsible for the investigation. Any ground conditions or ground contents not shown on the drawing, where applicable, are subject to a structural geotechnical investigation. Any ground conditions or ground contents not shown on the drawing, where applicable, are subject to a structural geotechnical investigation.
- 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 statement is to be provided to accommodate the proposed tree planting, where applicable.

Impermeable Catchment Areas Legend:

- Plot Impermeable Area (Urban Creep Allowance 0% Included)
- Highway Impermeable Area
- Plot Impermeable Area (Urban Creep Not Included)

Rev.	First Issue	02/12/2025	LJ
Description		Date	By
Drawing Status	PLANNING		
SUBJECT TO LPA APPROVAL. AMENDMENTS MAY THEREFORE BE REQUESTED.			
Client	BARRATT HOMES		
Project	Martello Lakes, Phases 5-7 Hythe		
Title	Impermeable Catchment Areas Plan Sheet 2 of 2		

BANNERS GATE

CIVIL, STRUCTURAL & ARCHITECTURAL DESIGN SERVICES

1001 Birmingham Street, Halesowen, West Midlands B63 3JH

Tel: 0121 481 1444 Fax: 0121 481 1445 Email: info@barrattgate.com

Scale	As @ 1:500	Drawn	LJ
Date	December 2025	Checked	DA
File	25143 / dwgs / civil / current	Drawn	25143-BGC-PL / 172