1. Project & Site Details		
	Project / Site Name (including sub-catchment / stage / phase where appropriate)	The Former Stag Brewery
	Address & post code	The Former Stag Brewery, Mortlake
	OS Grid ref. (Easting, Northing)	E 520470
		N 176018
	LPA reference (if applicable)	
	Brief description of proposed work	Section 1
	Total site Area	9941 m^2
	Total existing impervious area	5890 m^2
	Total proposed impervious area	5890 m^2
	Is the site in a surface water flood risk catchment (ref. local Surface Water Management Plan)?	See FRA
	Existing drainage connection type and location	Section 3
	Designer Name	Brendan McCarthy
	Designer Position	Technical Director
	Designer Company	Waterman

2. Proposed Discharge Arrangements			
	2a. Infiltration Feasibility		
	Superficial geology classification	Section 4	
	Bedrock geology classification	Section 4	
	Site infiltration rate	m/s	
	Depth to groundwater level	m below ground level	
	Is infiltration feasible?	Yes	
	2b. Drainage Hierarchy		
		Feasible (Y/N)	*Proposed (Y/N)*
	1 store rainwater for later use	Y	Y
	2 use infiltration techniques, such as porous surfaces in non-clay areas	N	
	3 attenuate rainwater in ponds or open water features for gradual release	N	
	4 attenuate rainwater by storing in tanks or sealed water features for gradual release	Y	Y
	5 discharge rainwater direct to a watercourse	Y	Y
	6 discharge rainwater to a surface water sewer/drain	Y	Y
	7 discharge rainwater to the combined sewer.	N	
	2c. Proposed Discharge Details		
	Proposed discharge location	Section 4	
	Has the owner/regulator of the discharge location been consulted?	Section 4 and 5	

3. Drainage Strategy

3a. Discharge Rates & Required Storage				
	Greenfield (GF) runoff rate (l/s)	*Existing discharge rate (l/s)*	*Required storage for GF rate (m^3)*	*Proposed discharge rate (l/s)*
Qbar	See Section 4			
1 in 1				
1 in 30				
1 in 100				
1 in 100 + CC				
Climate change allowance used		40%		
3b. Principal Method of Flow Control				

3c. Proposed SuDS Measures	*Catchment area (m^2)*	*Plan area (m^2)*	*Storage vol. (m^3)*
Rainwater harvesting	See Section 4		0
Infiltration systems			0
Green roofs			0
Blue roofs			0
Filter strips			0
Filter drains			0
Bioretention / tree pits			0
Pervious pavements			0
Swales			0
Basins/ponds			0
Attenuation tanks			0
Total	0	0	0

4. Supporting Information

4a. Discharge & Drainage Strategy	*Page/section of drainage report*
Infiltration feasibility (2a) – geotechnical factual and interpretive reports, including infiltration results	Section 4
Drainage hierarchy (2b)	Section 4
Proposed discharge details (2c) – utility plans, correspondence / approval from owner/regulator of discharge location	Section 4
Discharge rates & storage (3a) – detailed hydrologic and hydraulic calculations	Section 4
Proposed SuDS measures & specifications (3b)	Section 4
4b. Other Supporting Details	*Page/section of drainage report*
Detailed Development Layout	Appendix E
Detailed drainage design drawings, including exceedance flow routes	Appendix E
Detailed landscaping plans	Appendix A
Maintenance strategy	Section 4
Demonstration of how the proposed SuDS measures improve:	Section 4
a) water quality of the runoff?	Section 4
b) biodiversity?	Section 4
c) amenity?	Section 4