1. **Project & Site Details**

|  |  |
| --- | --- |
| Project / Site Name (including sub-catchment / stage / phase where appropriate) |  |
| Address & postcode |  |
| OS Grid ref. (Easting)  |  |
| OS Grid ref. (Northing) |  |
| LPA reference (if applicable) |  |
| Brief description of proposed work |  |
| Total site Area (metres) |  |
| Total existing impervious area (metres) |  |
| Total proposed impervious area (metres) |  |
| Is the site in a surface water flood risk catchment (ref. local Surface Water Management Plan)? |  |
| Existing drainage connection type and location |  |
| Designer Name |  |
| Designer Position |  |
| Designer Company |  |

1. **Proposed Discharge Arrangements**

|  |
| --- |
| **2a. Infiltration Feasibility** |

|  |  |
| --- | --- |
| Superficial geology classification |  |
| Bedrock geology classification |  |
| Bedrock geology classification (m/s) |  |
| Depth to groundwater level (metres below ground) |  |
| Is infiltration feasible? (Yes, Partial, No) |  |

|  |
| --- |
| **2b. Drainage Hierarchy** |

|  |  |  |
| --- | --- | --- |
|  | ***Feasible (Y/N)*** | ***Feasible (Y/N)*** |
| 1 store rainwater for later use |  |  |
| 2 use infiltration techniques, such as porous surfaces in non-clay areas |  |  |
| 3 attenuate rainwater in ponds or open water features for gradual release |  |  |
| 4 attenuate rainwater by storing in tanks or sealed water features for gradual release |  |  |
| 5 discharge rainwater direct to a watercourse |  |  |
| 6 discharge rainwater to a surface water sewer/drain |  |  |
| 7 discharge rainwater to the combined sewer. |  |  |

|  |
| --- |
| **2c. Proposed Discharge Details** |

|  |  |
| --- | --- |
| Proposed discharge location |  |
| Has the owner/regulator of the discharge location been consulted? |  |

1. **Drainage Strategy**

|  |
| --- |
| **3a. Discharge Rates & Required Storage** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | *Greenfield (GF) runoff rate (l/s)* | *Existing discharge rate (l/s)* | *Required storage for GF rate (m3)* | *Proposed discharge rate (l/s)* |
| *Qbar* |  |  |  |  |
| *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 (m2)* | *Plan area (m2)* | *Storage vol. (m3)* |
| Rainwater harvesting |  |  |  |
| Infiltration systems |  |  |  |
| Green roofs |  |  |  |
| Blue roofs |  |  |  |
| Filter strips |  |  |  |
| Filter drains |  |  |  |
| Bioretention / tree pits |  |  |  |
| Pervious pavements |  |  |  |
| Swales |  |  |  |
| Basins/ponds |  |  |  |
| Attenuation tanks |  |  |  |
| **Total** |  |  |  |

1. **Supporting Information**

|  |  |
| --- | --- |
| **4a. Discharge & Drainage Strategy** | *Page/section of drainage report* |
| Infiltration feasibility (2a) – geotechnical factual and interpretive reports, including infiltration results |  |
| Drainage hierarchy (2b) |  |
| Proposed discharge details (2c) – utility plans, correspondence / approval from owner/regulator of discharge location |  |
| Discharge rates & storage (3a) – detailed hydrologic and hydraulic calculations |  |
| Proposed SuDS measures & specifications (3b) |  |

|  |  |
| --- | --- |
| **4b. Other Supporting Details** | *Page/section of drainage report* |
| Detailed Development Layout |  |
| Detailed drainage design drawings, including exceedance flow routes |  |
| Detailed landscaping plans |  |
| Maintenance strategy |  |
| Demonstration of how the proposed SuDS measures improve |  |
| a) water quality of the runoff? |  |
| b) biodiversity? |  |
| c) amenity? |  |

Below is a link to the GLA webpage too where this proforma form originates.

 <https://www.london.gov.uk/programmes-strategies/environment-and-climate-change/climate-change/climate-adaptation/surface-water-flooding/london-sustainable-drainage-proforma?ac-53021=53008>.