| Item | Comments |
|---|---|
| - A finalised drainage layout showing all components, outfalls, levels, and connectivity. | **Issue**<br>S104 Drainage Master Plan RPM-AJP-XX-00-DR-C-0900 P09<br>Control Manhole Details RPM-AJP-XX-00-DR-C-1100 P02<br>Control Manhole Details RPM-AJP-XX-00-DR-C-1101 P02<br>Control Manhole Details RPM-AJP-XX-00-DR-C-1102 P02 |
| - Maximised integration of green Suds components (utilising infiltration or attenuation) if practicable. | **Issue**<br>Drainage and Suds Details RPM-AJP-XX-00-DR-C-0930 P01<br>Drainage and Suds Details RPM-AJP-XX-00-DR-C-0931 P01<br>Basin Sections RPM-AJP-XX-00-DR-C-0931 P01 |
| - A plan indicating easement. Suds features (including attenuation tanks) should be appropriately positioned, including a 2.5m easement from the existing highway and a 5m easement from any dwellings, guaranteeing accessibility for future maintenance and contingency for asset failure. This practice is in accordance with Suds Manual (C753). | **Issue**<br>Private Drainage Master Plan RPM-AJP-XX-00-DR-C-0904 P05 |
| - Hydraulic calculations of the proposed drainage system, including all design parameters. Calculations must Include Critical Storm Events for the 1 in 2, 1 in 30 and 1 in 100 + 45% Climate Change. Results must demonstrate no surcharge for the 1 in 2, no flooding in the 1 in 30 and no flooding of buildings for the 1 in 100 + 45% Climate Change. | **Issue**<br>1 in 2 Year calcs<br>1 in 30 year calcs<br>1 in 100 year +cc calcs |
| - An existing and proposed impermeable areas drawing to accompany all discharge rate calculations. | **Issue**<br>Existing Imp. Area C0013-KHL-2000-121-PL-C-005<br>S104 SW Catchment Plan RPM-AJP-XX-00-DR-C-1040 P01 |
| - An assessment of surface water pollution risk in-line with CIRIA C753 and, where required, evidence of pollution control measures(preferably through Suds) to treat surface water prior to discharge. | **Issue**<br>Pollution Index - Driveway<br>Pollution Index - Roof |
| - A plan indicating surface water overland flow routes for extreme events to ensure flows are diverted away from existing and proposed buildings (including basements). The 'Concept Drainage Calculations' indicate multiple manholes predicted to flood during the 1 in 100 +45% climate change scenario. It must be illustrated on the layout how this flood volume is to be managed. | **Issue**<br>SW Flood Exceedance Plan RPM-AJP-XX-00-DR-C-0960-P01 |
| - Construction details of flow control and Suds elements. | See all above drawings |
| - Detailed information for the proposed attenuation pond, including topographic layout plan presenting the contours and levels, cross-sections including the modelled water levels, maximum depth of pond, freeboard, and any permanent water level. | See “Basin Sections Drawing” |
| - A plan indicating finished floor levels to be raised by 300mm in the West of the site, to mitigate any potential surface water flows coming from Briscoe Lane. | **Issue**<br>Finished Levels and RW.. RPM-AJP-XX-00-DR-C-1400 P08 |