|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SuDS Measures**  | **Measures to be used on this site** | **Rationale for selecting/not selecting measure** | **Area of Feature (m2)** | **Attenuation volume of feature (m3)** |
| **Source Control** |  |  |
| Swales |  |  |  |  |
| Integrated constructed Tree Pits |  |  |  |  |
| Rainwater Butts |  |  |  |  |
| Downpipe Planters |  |  |  |  |
| Rainwater harvesting |  |  |  |  |
| Soakaways |  |  |  |  |
| Infiltration trenches |  |  |  |  |
| Permeable pavement (Grasscrete, Block paving, Porous Asphalt etc.)  |  |  |  |  |
| Green Roofs  |  |  |  |  |
| Green wall |  |  |  |  |
|  Filter strips |  |  |  |  |
| Bio-retention systems/Raingardens |  |  |  |  |
| Blue Roofs |  |  |  |  |
| Filter Drain |  |  |  |  |
| **Site Control** |  |  |
| Detention Basins |  |  |  |  |
| Retentions basins |  |  |  |  |
| **Regional Control** |  |  |
| Ponds |  |  |  |  |
| Wetlands |  |  |  |  |
| **Other** |  |  |
| Petrol/Oil interceptor |  |  |  |  |
| Attenuation tank – only as a last resort where other measures are not feasible |  |  |  |  |
| Oversized pipes– only as a last resort where other measures are not feasible |  |  |  |  |

**Notes:**

1. Fingal has a preference for above ground Green Infrastructure rather than tanks or oversized pipes. Above ground flows through swales, basins etc are encouraged.
2. Demonstrate SUDS system will have sufficient Pollutant removal efficiency in accordance with Ciria Suds Manual C753
3. Basins and swale sides should be no steeper than 1:4 and no deeper than 1.2m in the 1%AEP
4. Culverting shall be avoided where possible
5. De-culverting is encouraged.
6. Please submit evidence of infiltration rates
7. To account for climate change in the design of the drainage system rainfall intensities should be factored up by 20%
8. The Applicant must provide Suds checklists in accordance with the Appendix B of the Ciria Suds manual C753

|  |  |
| --- | --- |
| **Appendix**  | **Name**  |
| B3 | Full planning  |
| B4 | Scheme design |
| B5 | Health and safety |
| B6 | Infiltration assessment |
| B7 | Proprietary treatment |
| B9 | filter strip |
| B11 | filter drain |
| B13 | swale |
| B15 | bioretention |
| B16 | pervious pavement |
| B17 | attenuation tank |
| B19 | basin  |
| B21  | pond wetland |