

SuDS Measures	Measures to be used on this site	Rationale for selecting/not selecting measure	Area of Feature (m ²)	Attenuation volume of feature (m ³)
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

