

- NOTES**
1. All dimensions to be checked prior to construction or Manufacture. Any discrepancy to be reported to the Engineers immediately.
 2. Do not scale this drawing work to figured dimensions only.
 3. All dimensions are in mm unless otherwise stated.
 4. All levels in metres unless otherwise stated.

SURFACE WATER DRAINAGE SYSTEM HAS BEEN DESIGNED TO 1:100YR + 30% CLIMATE CHANGE DESIGN STANDARD

Operation & Maintenance requirements for Attenuation Storage Tanks		
Maintenance Schedule	Required Action	Typical Frequency
Regular Maintenance	Inspect and identify any areas that are not operating correctly. If required, take remedial action	Monthly for 3 months, then annually
	Remove debris from catchment surface (where it may cause risk to performance).	Monthly
	For systems where rainfall infiltrates into the tank from above, check surface of filter for blockage by sediment, algae or other matter; remove and replace surface filtration medium as necessary	Annually
Remedial Actions	Remove sediment from pre-treatment structures and for internal forebays (sumps).	Annually, or as required
	Repair/rehabilitate inlets, outlets overflows & vents	As required
Monitoring	Inspect/recheck all inlets, outlets, vents and overflows to ensure that they are in good condition and operating as designed	Annually
	Survey inside tank for sediment build-up and remove if necessary	Every 5 years or as required

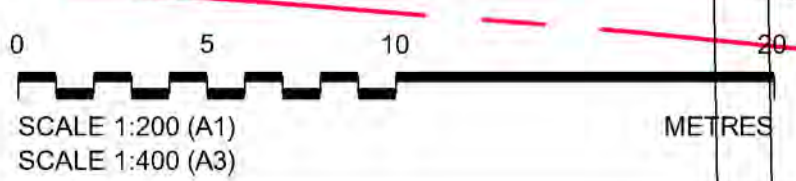
Source: The SuDS Manual 2015 Table 21.3

SURFACE WATER FROM EXTERNAL PAVED AREAS TO BE DIRECTED TOWARDS SOFT LANDSCAPED AREAS WHERE POSSIBLE. FOR MODELLING PURPOSES ALL EXTERNAL PAVED AREAS HAVE BEEN INCLUDED IN SURFACE WATER RUNOFF CALCULATIONS. GULLY POSITIONS AND OUTLETS TO BE CONFIRMED

ALL DRAINAGE RUNS, FOUL & RWP CONNECTIONS SHOWN ARE INDICATIVE FOR MODELLING PURPOSES, FINAL DRAINAGE LAYOUT TO BE CONFIRMED

ALL WORKS ARE SUBJECT TO THE APPROVAL OF CARDIFF CITY COUNCIL PLANNING AUTHORITY & DCWW

- LEGEND**
- STORM DRAIN & CHAMBER
 - RWP
 - RWP & SURFACE DISCHARGE
 - EXISTING DCWW COMBINED SEWER
 - FILTRATION DRAIN
 - HYDROBRAKE CHAMBER
 - AK CD CHANNEL DRAIN/ACO KERB (POSITIONS INDICATIVE)
 - CELLULAR ATTENUATION
 - INDICATIVE DIRECTION OF FLOW



P02	19.11.2021	Layout amended in accordance with latest Landscape Architects plan.	AJH	BP
P01	16.11.2021	PRELIMINARY ISSUE	JJK	BP
Rev.	Date.	Details.	By.	Chk.

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Project: **EAST BAY, CARDIFF**

Title: **PROPOSED DRAINAGE LAYOUT**

Drawn: AJH Checked: BP Scale(s) at A1: 1:200

Date: 17.11.21 RWW Job N°: C7032 Revision: P02 Suitability: S0

Drawing Status: **PRELIMINARY**

Drawing N°: **C7032 - RWW - XX - XX - DR - C - 00001**