

Application Ref: 2015/1672/P – Condition 11 – Rainwater Harvesting14th September 2015 – DB**1) Condition Wording**

Condition 11

Prior to the commencement of that part of the development relating to the sports centre building full details of the rainwater collection system at the sports hall building should be provided and approved in writing by the Local Planning Authority. The development should be constructed and thereafter maintained in accordance with the approved details.

Reason: To reduce the rate of surface water run-off from the buildings and limit the impact on the storm-water drainage system in accordance with policies CS13 and CS16 of the London Borough of Camden Local Development Framework Core Strategy and policies DP22, DP23 and DP32 of the London Borough of Camden

2) Associated Documents

- a) CSD Drawing:
ME-002 Revision P02 – Mechanical & Electrical Services – Combined External Services Layout
- b) Enlargement:
Hampstead School – Rainwater Harvesting
- c) Raintrap Information:
DS0795P-03A – Raintrap Drawing
013082GL0072P-03 – Raintrap Installation

3) Proposal

We propose to use part of the high level roof as the rainwater collection area. One of the three rainwater down-pipes will be diverted via separate underground drainage to a 2800 litre underground “Raintrap” proprietary storage chamber and pump unit. An overflow pipe will connect back into the main underground drainage network.

The pump will supply a secure external tap mounted on the Sports Hall providing a water supply for irrigation.

4) Additional Information

By utilising a purpose made “Raintrap” unit we are providing a workable and easily maintained solution (note integrated leaf filters and accessible pump unit). The 2,800 litre capacity will provide a meaningful water supply appropriate to the proposed planting.