

Drainage Document:001

Green roof will be installed on top of the garden studio. A rear drainage gutter will be attached at the rear of the studio to collect excess water that is not retained by green roof drainage system. The gutter will be connected to a singular downpipe. It is feasible to connect downpipes into a water butt at the rear side of the studio, as an option. Based on the green roof water retention and the rate of rainfall in London: the down pipe could be extended into garden area or be left to dispose along the back (ground) of the studio on an open French drain system. This French drain would disperse into the conditioned ground (2.5 LM) surrounding the studio ground in full. As the floor structure has a 100mm air gap underneath, a Geotextile mat (Terram 1000) and 40mm of gravel in order for drainage to be slow and filtering. This would be a low impact sustainable option

William Coleman (designer)