



STORMWATER DRAINAGE FOR UNSERVICED ALLOTMENTS

In the event that no drainage system services an allotment and it is considered appropriate that on-site absorption of roof drainage will suffice, the following requirements must be applied.

1. The owners must be made aware that such a system is temporary and is to be replaced with a permanent sealed drain in the event of a proper drainage system being provided to the site.
2. The roof area of the building concerned is to be taken as one third greater than the area calculated by the measurement of the external walls of the building.
3. The length of absorption lines in metres is to be one tenth of the roof area (in square metres) with a minimum length of 9 metres.
4. Method of installation of drains:
 - 4.1. At commencement of the absorption lines, provide a distribution pit 450 x 450 x 450mm.
 - 4.2. Absorption trenches to be a minimum of 450mm wide, not more than 400mm deep and a minimum of 3 metres apart.
 - 4.3. Drains to be 90mm diameter slotted PVC pipes or 75 or 100mm diameter earthenware agricultural pipes, laid level across the contour of the allotment.
 - 4.4. All pipes shall be laid on at least 75mm of size 20mm screenings and covered with a minimum of 50mm size 20mm screenings. Layers of newspaper, cement bags, building paper or other approved coverings must be spread on top of the screenings prior to backfilling with top soil. The top soil is to be firmly compacted without displacing the pipes.
 - 4.5. No drain shall be within:
 - 4.5.1.1. 1 metre uphill or 5 metres downhill of any building or allotment boundary.
 - 4.5.1.2. 2.4 metres of any effluent of sullage lines.
 - 4.6. Absorption drains shall be terminated with a 1 cubic metre rubble pit.

(For enquiries, please ring Civil Design on 9205 2691)