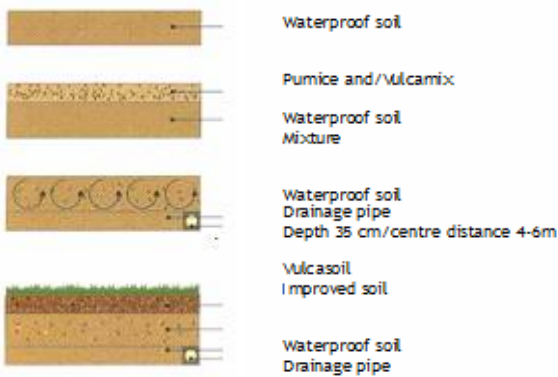


CONSTRUCTION PLANS FOR SPORT FIELDS

Scheme 1

Improvement of physical and chemical properties and the drainage purpose of the ground:

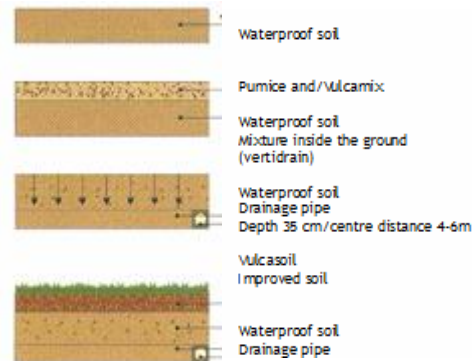
- Filling of 5 cm Pumice Sand or Vulcamix
- Machining with harrows to mix the volcanic sands with the ground
- Top dressing with 5 cm Vulcasoil
- Sowing or mounting of a turf



Scheme 2

Improvement of physical and chemical properties and the drainage purpose of the ground:

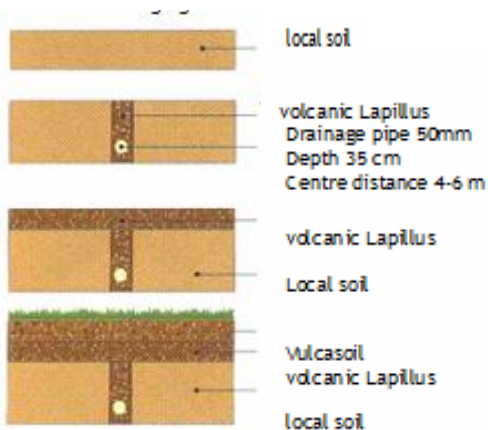
- Filling of 5 cm Pumice Sand or Vulcamix
- Deep coring with a vertidrain machine
- Top dressing with 5 cm Vulcasoil
- Sowing or mounting of a turf



Scheme 3

New construction of sport fields with double drained and rooted layer:

- Formation of the strengthened drainage with the draining pipe filled with gravel of Volcanic Lapillus
- Formation of the drained layer through filling 15 cm of gravel of Volcanic Lapillus all over the surface
- Formation of the fertile layer through filling 15 cm vulcasoil all over the surface
- Sowing or mounting of a turf



Scheme 4

New construction of sport fields with the system of drainage trench:

- Formation of the main cross drainage with the draining pipe filled with gravel of Volcanic Lapillus
- Formation of the superficial longitudinal drainage purpose filled with Volcanic Lapillus or Vulcamix.
- Formation of the fertile layer by filling 10-15 cm vulcasoil all over the surface.
- Sowing or mounting of a turf

