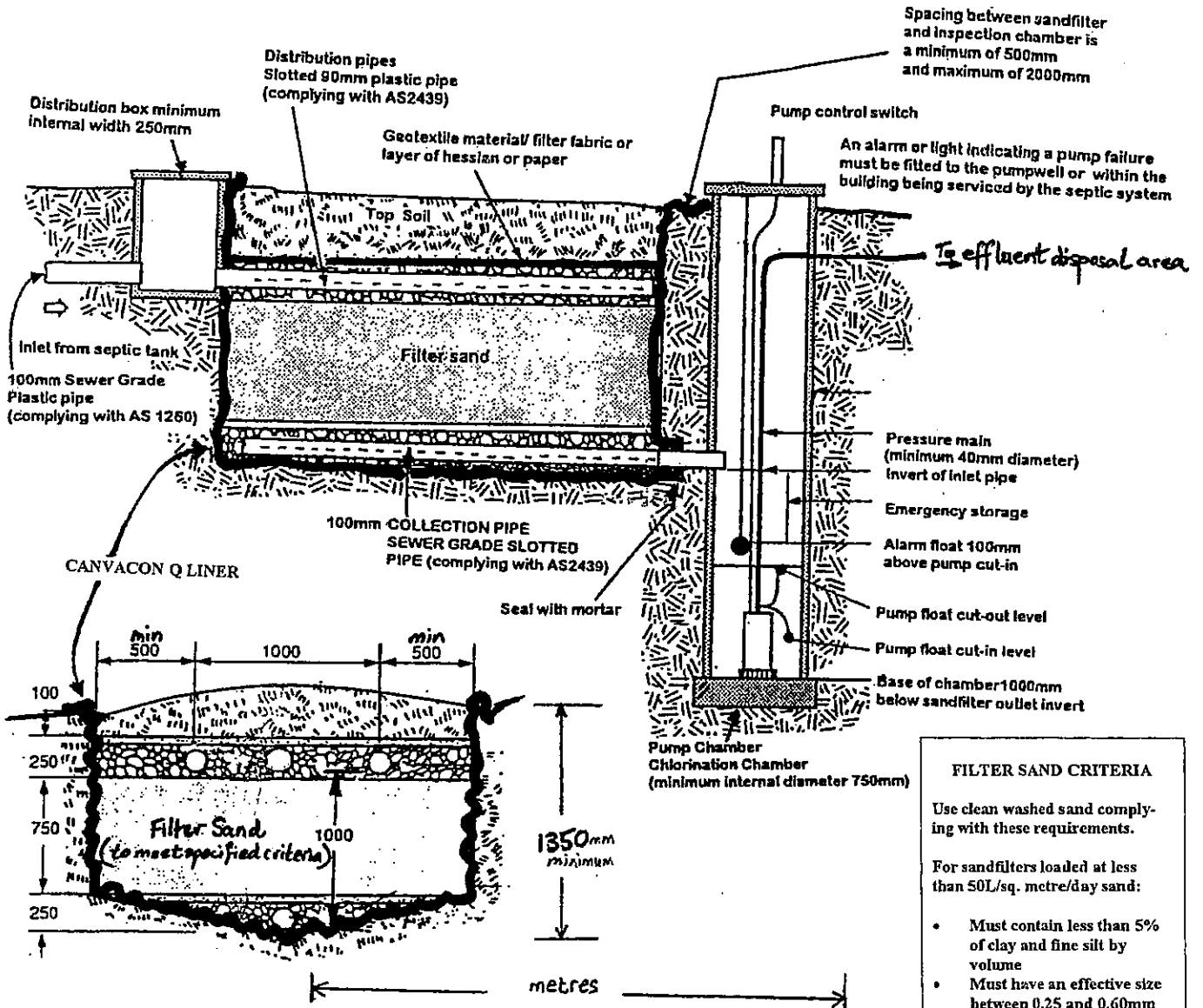


SAND FILTER CONSTRUCTION GUIDELINES

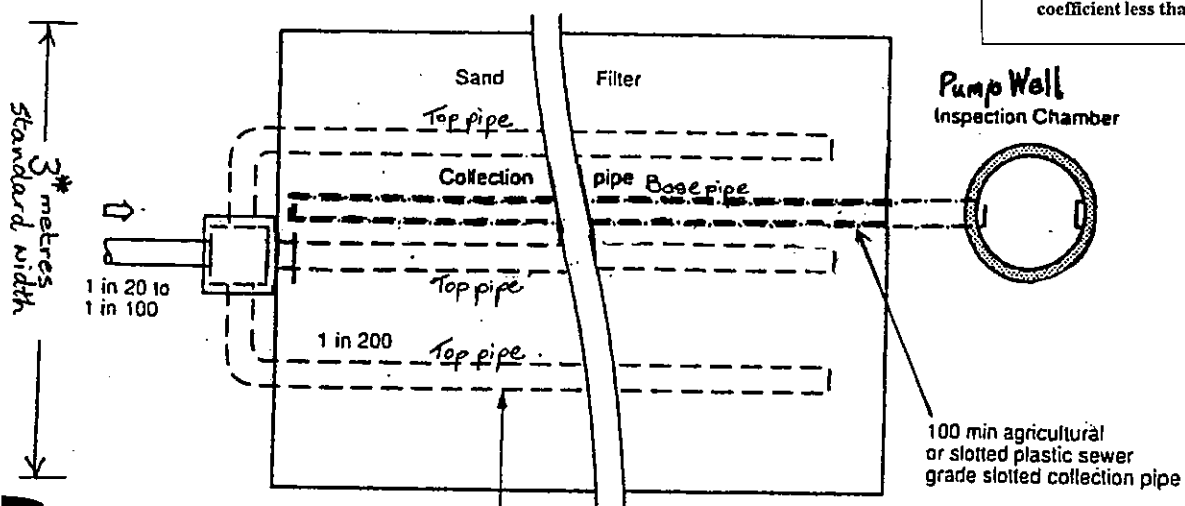


FILTER SAND CRITERIA

Use clean washed sand complying with these requirements.

For sandfilters loaded at less than 50L/sq. metre/day sand:

- Must contain less than 5% of clay and fine silt by volume
- Must have an effective size between 0.25 and 0.60mm
- Must have a uniformity coefficient less than 4



3 x 90 mm agricultural or slotted plastic pipes

STANDARD DIMENSIONS

- Minimum depth 1350mm (as per diagram)
- Calculated on 7sq.metres / bedroom
- (All rooms capable of being used as a bedroom are count-ed eg. Office,study,etc)
- eg. 3 bedrooms(1 study/2 bedrooms) = 21 sq.metres Thus, a 7m x 3m sand filter



CITY OF BALLARAT

ENVIRONMENTAL HEALTH SERVICES