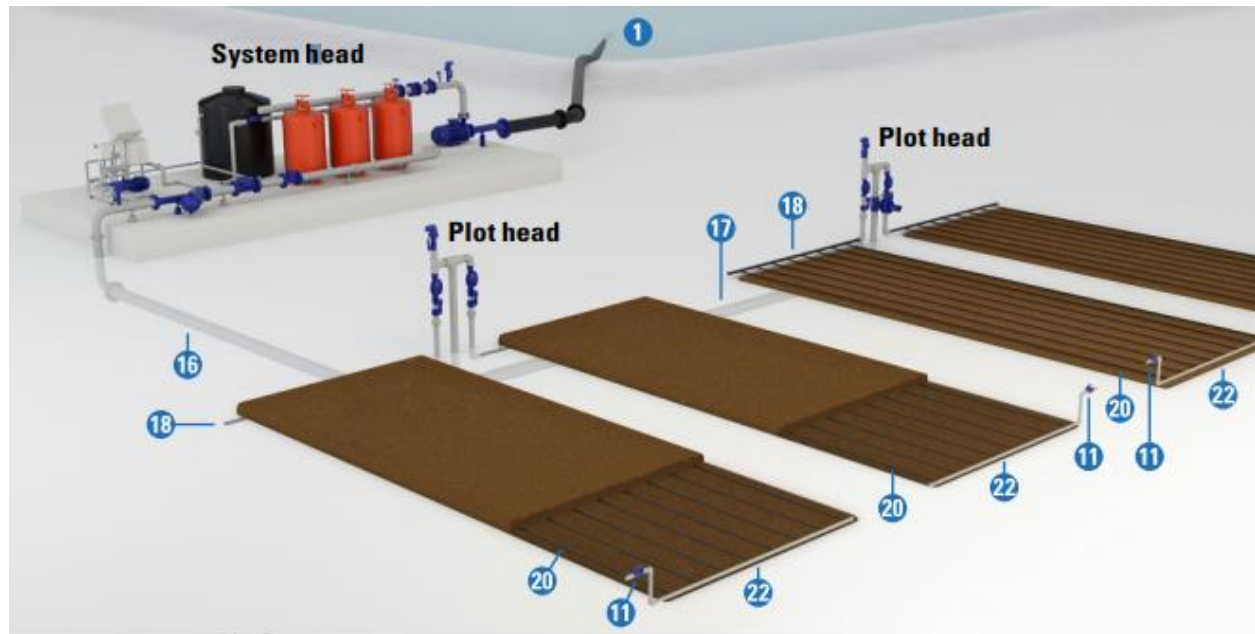
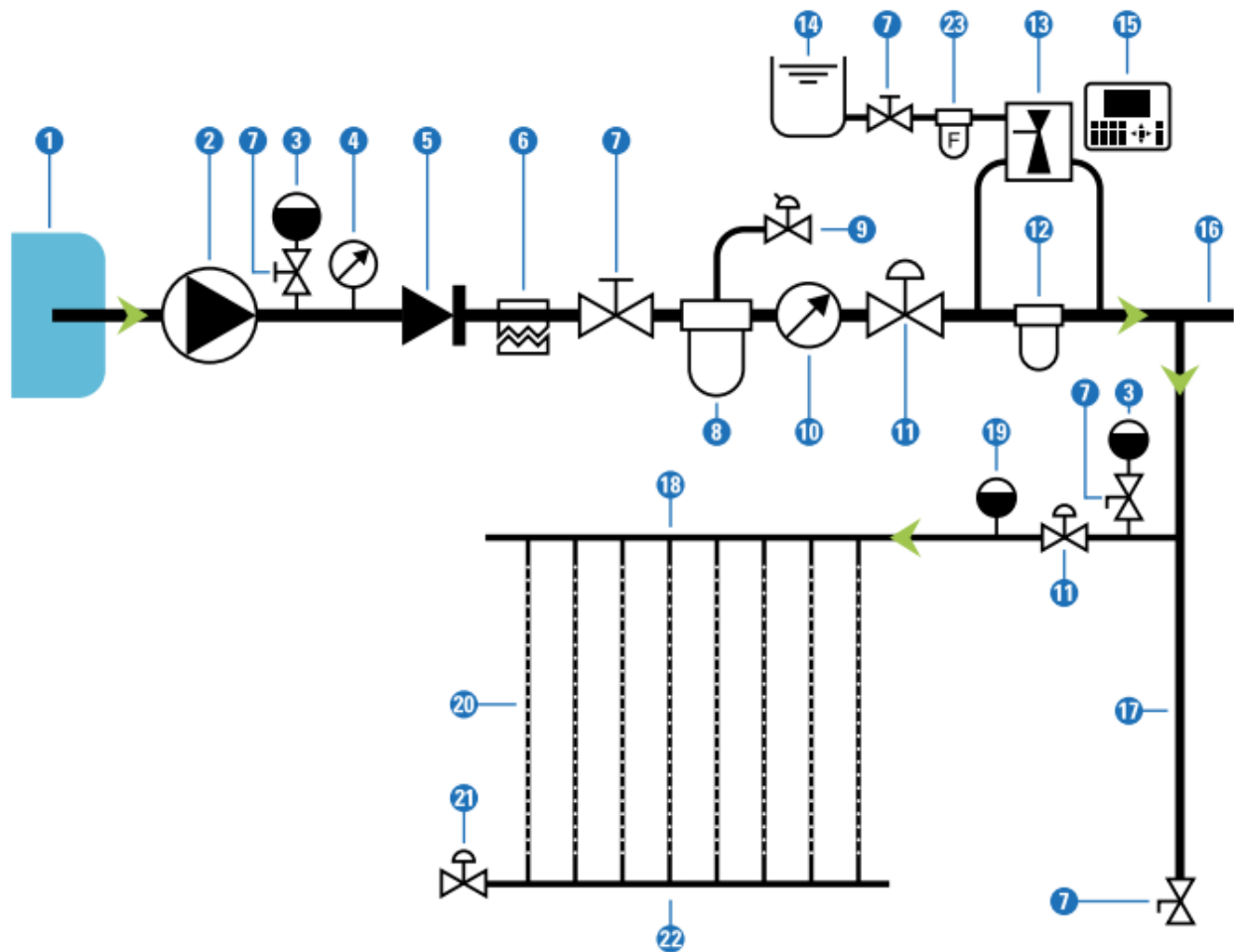


IRRIGATION SYSTEM AND ITS PIPE LINES





Water source Pumping station Air valve Pressure gauge Check valve
Shock absorber Manual valve Main filtration unit Sub main line
Distribution line Kinetic valve (vacuum breaker) Dripperline Flushing
valve Flushing manifold Fertilizer filter Main filtration automatic
drainage valve Water meter Hydraulic valve Secondary filtration unit
Dosing unit Fertilizer tank Irrigation controller Main line

Water source There are basically two main types of water sources:
groundwater and surface water: Many existing and potential water
supply sources for irrigation systems are derived from surface water,
which does not tend to have high levels of salts (with the exception of
some coastal areas), and thus systems are usually less prone to
formation of precipitates in drippers when using a surface water

source. Surface water, however, tends to introduce biological hazards. If wastewater is being considered as a source, quality and clogging potential will vary depending upon the extent of treatment. Groundwater is generally of higher quality than surface water. However, iron and manganese levels should be measured, as high levels may lead to dripper clogging, and treatment may be required.

PROGRAMMING: -
NO NEEDED