



**.1 Pumping of Sewage**

- .1 Sewage pumping systems are undesirable and every reasonable effort must be made to design a building project that incorporates gravity sewerage systems. If, however, gravity systems are not possible then do the following:
- .2 All portions of the building that can be gravity drained shall be gravity drained.
- .3 Provide a high water alarm through the BMS.
- .4 Where a source of emergency power is available pumps and controls shall be connected to emergency power.
- .5 All floor drains at or below the flood level of sewer pump sump shall have backwater valves.

**.2 Pumps Seals**

- .1 Specify mechanical seals compatible with intended service on all pumps