

1.0 GENERAL

The following are the standard specifications for pump stations to be installed and connected to the City of Columbia's sanitary sewer collection system. The purpose of these specifications is to provide a minimum standard for pump stations that complies with the guidelines set out by the Missouri Department of Natural Resources and incorporates the most cost effective and reliable design for maintenance and operation.

Sewage pump stations shall consist of a wet well, sewage pumps, control systems, electrical systems (normal and emergency), superstructures, site security, grading and access. The contractor shall be responsible for extending all necessary utilities to the pump station site (electrical, phone etc.).

Sanitary sewer pump stations will only be considered when the thorough study of all alternatives clearly indicate the impracticability of gravity collection and disposal.

All pump stations shall be equipped with a minimum of 8 hours of emergency storage or an emergency generator.