

## 15. SEWAGE SYSTEM:

### EMERGENCY ACTION:

If a loud alarm is coming from the mechanical room, next to room 102, on the basement level and a red light is flashing take the following action:

1. Turn off the alarm by pushing “shut off alarm” switch on the left side of the alarm box, which is on the back wall.
2. Determine if the pumps are working.
3. If the sewage pump/pumps are not working sewage could back up and could flood the mechanical room. Therefore, close off the basement bathrooms and shut off all water from the kitchen.
4. Contact someone on the trustees or call American Rooter and Jetting, 541-389-3801.

### DESCRIPTION:

The effluent from the rest rooms, showers, drinking fountain, and kitchen on the lower level, flows to a sump located in, the mechanical room, which is located next to room 102. There is a drain in the stairwell that accesses the basement area on the north side of the building, which also flows into the sump. This level is below the city sewer lines so the waste is pumped up to a line at level 2 that leads to the city sewer line as shown on the construction drawing P-1. There are two sewage ejection pumps in the sump that are turned on and off by floats. There is a HIGH LEVEL ALARM (red light and alarm) that is activated by a third float if the pumps do not control the water level.

The control panel for this Duplex Pumping System, which is on the north wall of the mechanical room, alternately switches between the two pumps to even the wear. If one pump should fail, the alarm will sound and the other pump will come on. If the capacity of the initial pump is exceeded, the other pump will come on along with the red light and horn. Equipment catalogs are in the mechanical room and in the trustee’s file for the sewer system.

**NOTE:** The Red Cross has designated the church as an emergency shelter if people have to be evacuated from their homes. If the evacuation occurred during a power outage the lower bathrooms and kitchen would have to be closed, however, the upper bathrooms could still be used.

The effluent from the rest rooms and drinking fountains on levels 2, 3, & 4 (except for the community room) flows through a common line directly to the city sewer line on Staats St.

The drain from the rest room in the community room uses the old line that flows north to the city line on Kansas St.

All toilets are the LOW FLOW type, per requirements, so they are more susceptible to plugging.

It is a code requirement that the drain from the dish washer discharge into an open floor drain. A valve has been put at the end of the drain from the dish washer and adjusted to avoid the over flowing of the floor drain. **DO NOT USE THIS VALVE IN THE NORMAL OPERATION OF THE DISH WASHER.**

The food prep sink, located near the dishwasher, must also empty into an open floor drain.

The drains from the three- compartment sink go through a grease trap located on the floor at the end of the sinks.

#### **MAINTENANCE:**

Keep floor drains in the kitchen clean. This is particularly true if the garbage disposals are used. Some items like oatmeal tend to clog up the strainer in the drain and water can flood onto the floor.

Clean the grease trap in the kitchen monthly. Use a long handle strainer and scoop the gunk into a plastic bag. If the grease trap is not cleaned regularly grease will build up in the sewage sump and the floats will not operate properly. This will set off the alarms, shut down the system and create an expensive repair.

Check and clean the drains in the outside stairwells monthly.

Check all toilets for proper operation while cleaning.

American Rooter and Jetting, 541-389-3801, should inspect the system once a year.

**SYSTEM INSTALLER:** CDS Corp (no longer in business)

**FOR SERVICE:** Call American Rooter and Jetting, 541-389-3801.