

The Silurian Springhouse was constructed in 1927. It is a one story octagon shaped masonry structure over a naturally occurring spring. There is a pool at the center of the springhouse. There is a lower level that consists of a perimeter corridor around the pool. The corridor contains a water pump to fill the pool, lights and an electric service. The pump is not currently being used and the pool is dry. The pumping system would need replacing if it was desired to fill the pool. The lights do not work due to corrosion from the moisture in the lower level. The spring drains through an underground pipe to an unknown location. The lower level is accessed through a metal sidewalk door over a concrete stair connected to the lower level by a short corridor. The metal sidewalk door is bent and is not watertight. This allows water to enter the lower level every time it rains. The concrete has spalled and the reinforcing bars have rusted in the ceiling over the connecting corridor and in the wall opening into the lower level. These conditions represent substantial structural damage. The access to the lower level needs replacing due to the level of damage. It is acceptable to replace the existing stair with a ladder access because the lower level is seldom accessed and only contains relatively small equipment that can be replaced through a smaller opening. The new access to the lower level shall be reinforce concrete walls and ceiling with a watertight door rated for a load of 300 pounds per square foot.



Bent access door, water infiltration and deteriorated concrete.



Water on floor of lower level.



Water on floor of lower level.



Water on floor of lower level and debris from falling concrete.



Rusted reinforcing bars above opening to lower level.



Rotted wood over opening to lower level.



Rusted reinforcing steel.



Spalled concrete in ceiling of connector to lower level.



Spalled concrete in ceiling of connector to lower level.

