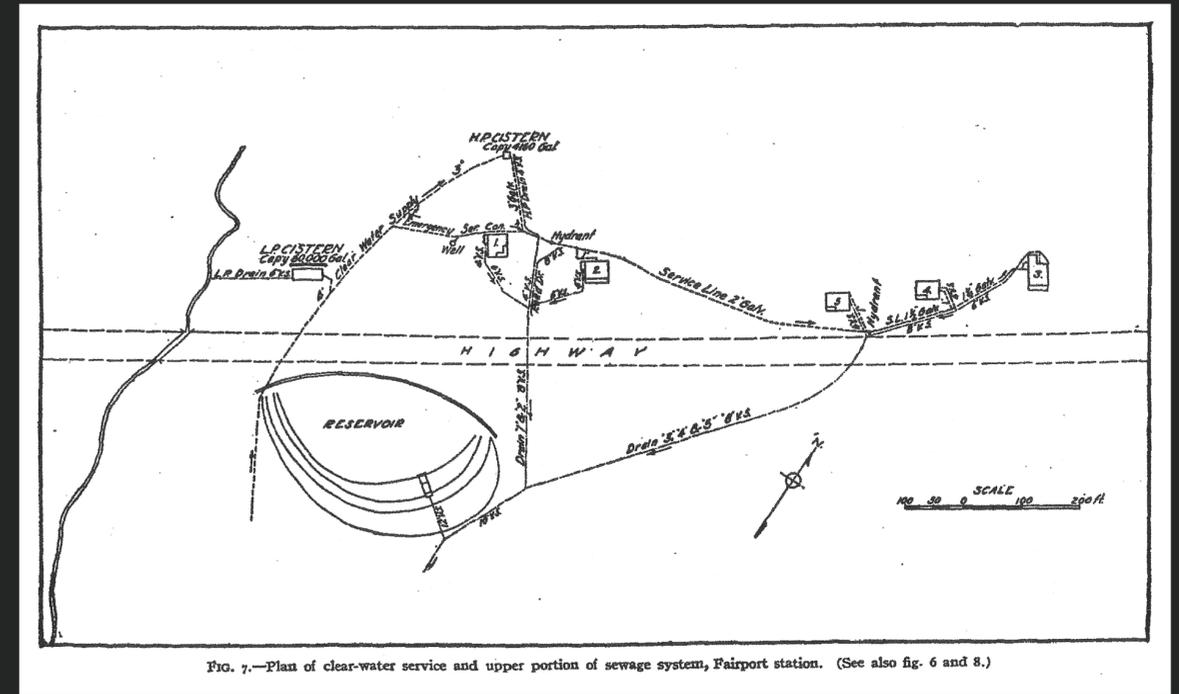
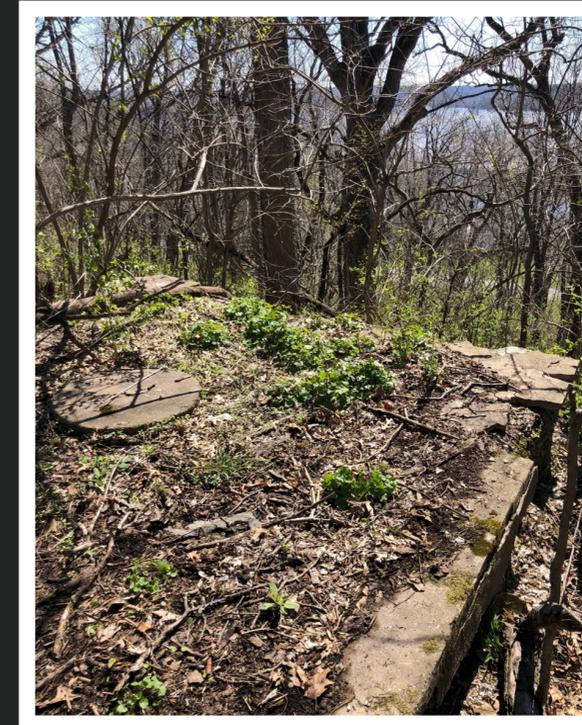


#3. High-Pressure Cistern

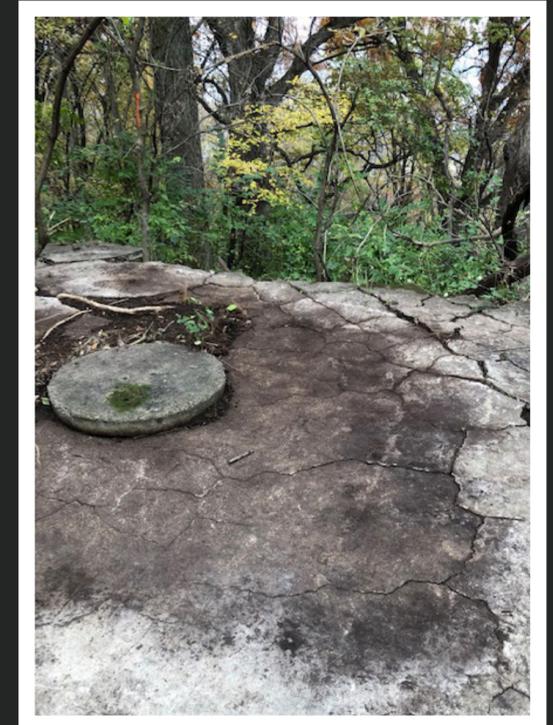
This small and inconspicuous concrete foundation is all that remains of the high-pressure (HP) cistern. The HP cistern, located at 705 ft. amsl, affords a scenic view of the Mississippi River to the southeast. The HP cistern had a capacity of 4,160 gallons, compared to the 60,000-gallon capacity of the low-pressure cistern that was used to fill the main reservoir and fish ponds. The HP cistern was operational in 1912 and provided freshwater for drinking, cooking, and bathing to the five living quarters. It continued to supply potable water to the living quarters into the late 1950s. After sediment settled from the river water, the water was passed through a gravity sand filter and then pumped more than 1,600 ft. from the Pumphouse to the HP cistern. The dramatic elevation difference between the HP cistern and the living quarters generated sufficient water pressure to serve the domestic needs of the cottages.



Map of clean water and sewage system, 1916.



Overview from HP Cistern toward river in 2020, facing south.



Overview of HP Cistern after removing vegetation in 2021, facing south.

