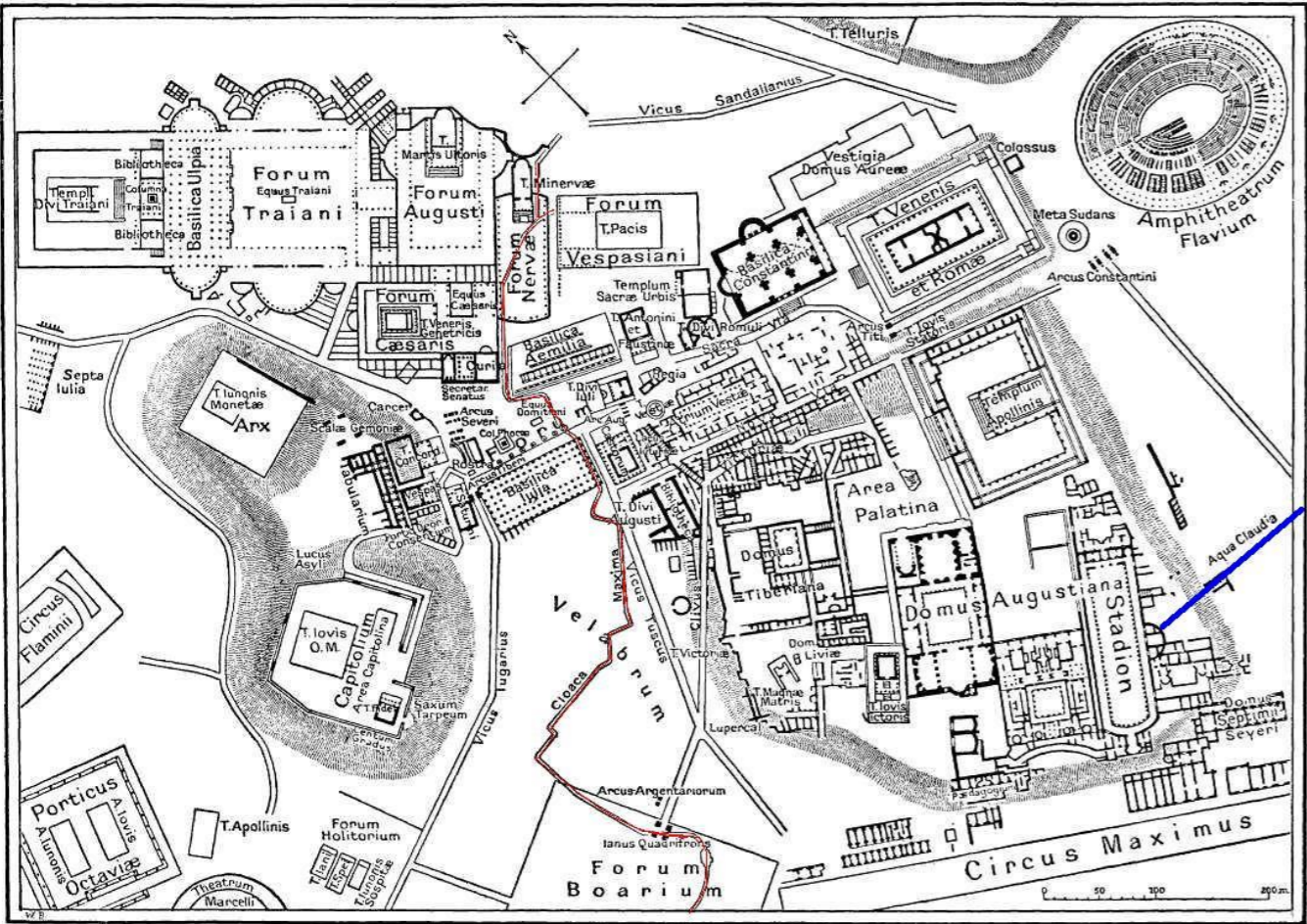
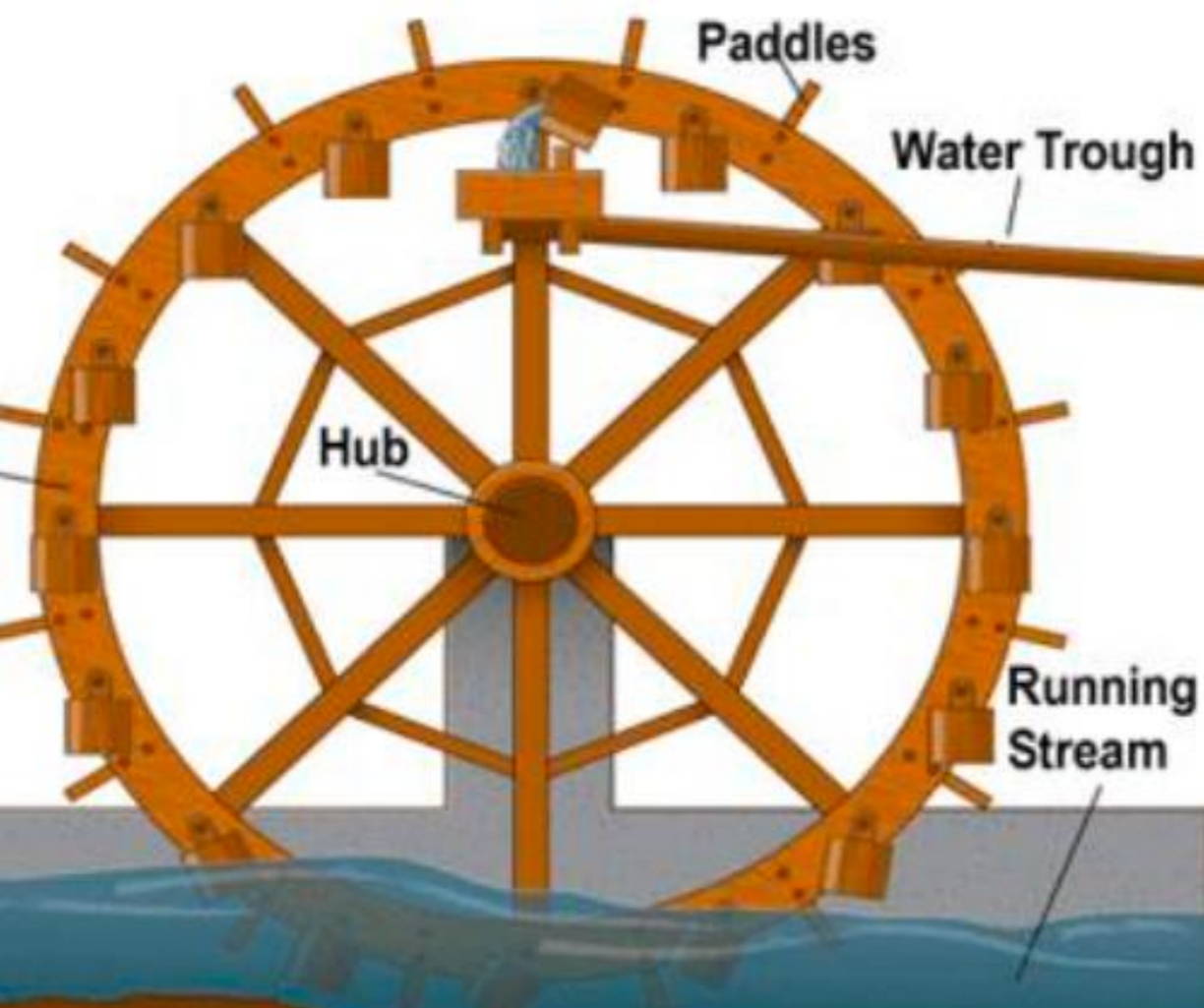


# Cloaca Maxima- Rome



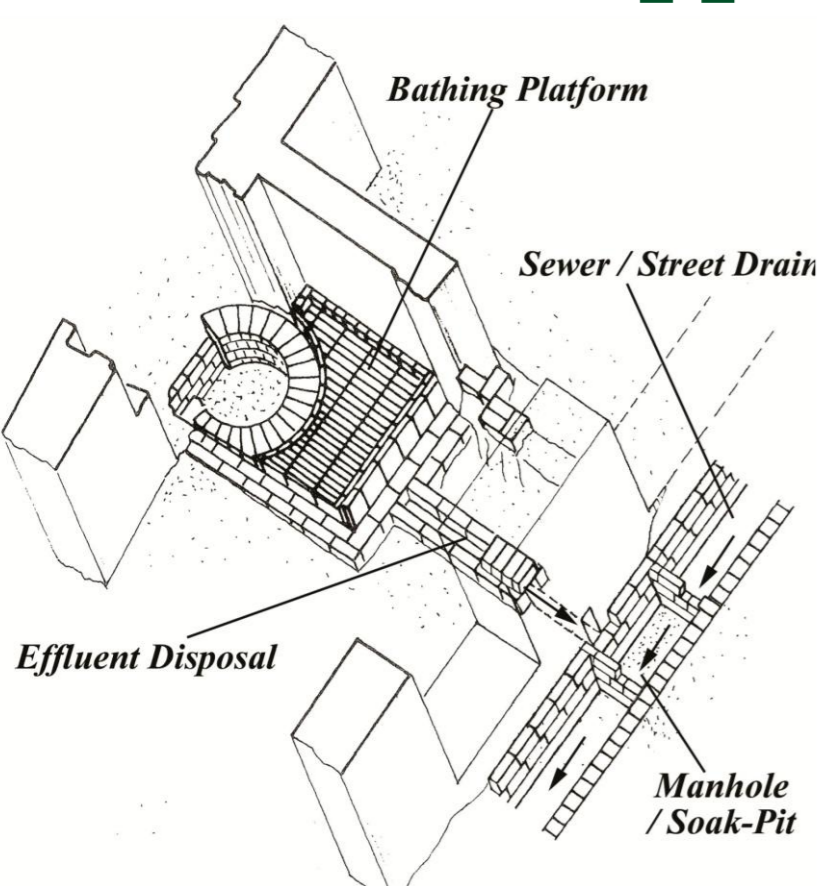
At the beginning of the sewer's life it consisted of open-air channels lined up with bricks centered around a main pipe. At this stage it might have had no roof. However, wooden holes spread throughout the sewer indicate that wooden bridges may have been built over it, which possibly functioned as a roof.

# Water Wheels- Ancient Egypt



The water wheels worked the shadoofs. A shadoof was simply a counterweight system, a long pole with a bucket on one end and a weight on the other. Buckets were dropped into the Nile, filled with water, and raised with water wheels.

# Drains- Harappa



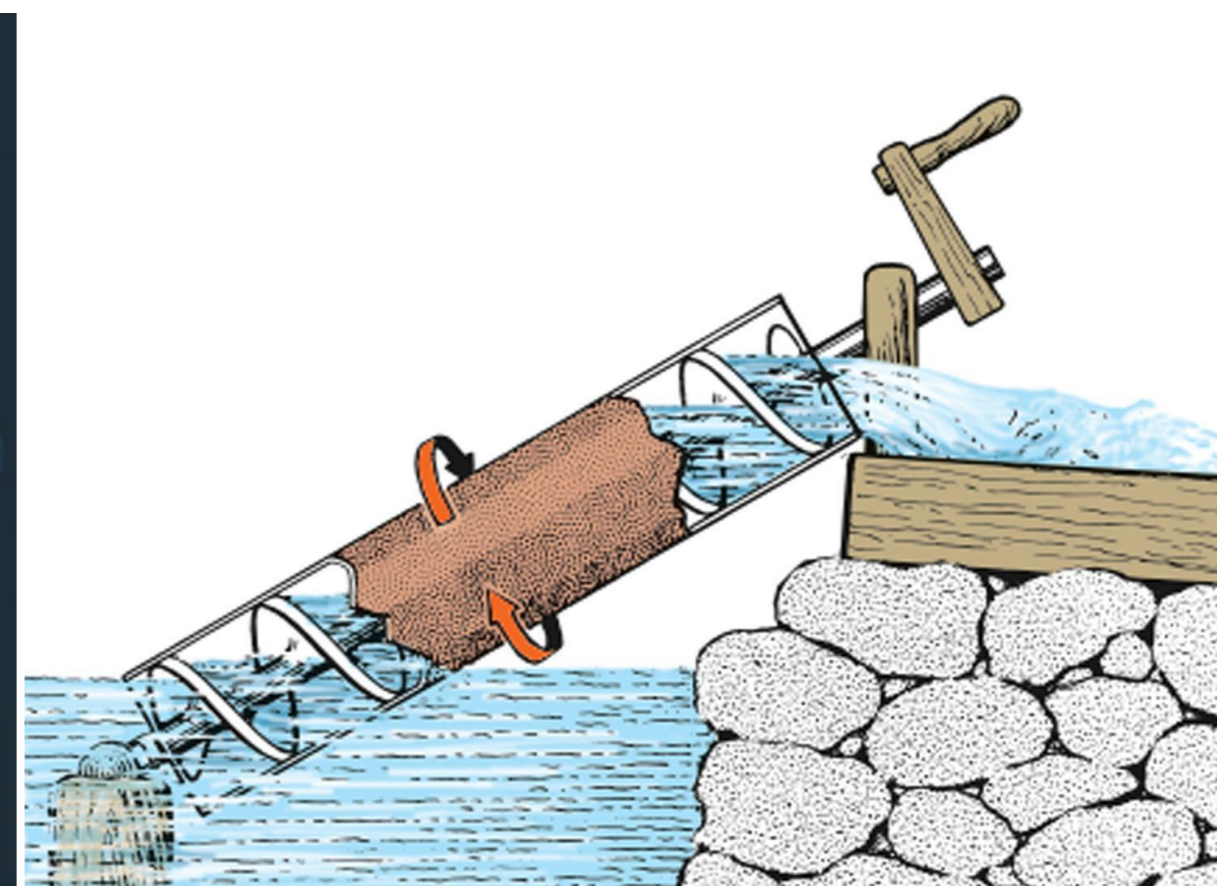
The brickwork prevented the dirty water from leaking. Wooden screens stopped the solid wastes from being washed away with the water.

# Khadin/ Dhora



An ingenious construction designed to harvest surface runoff water for agriculture. Its main feature is a very long (100-300 m) earthen embankment built across the lower hill slopes lying below gravelly uplands.

# Archimedes Screw



The Archimedes screw is one of the earliest hydraulic machines. A positive-displacement pump traps fluid from a source and then forces the fluid to move to a discharge location.