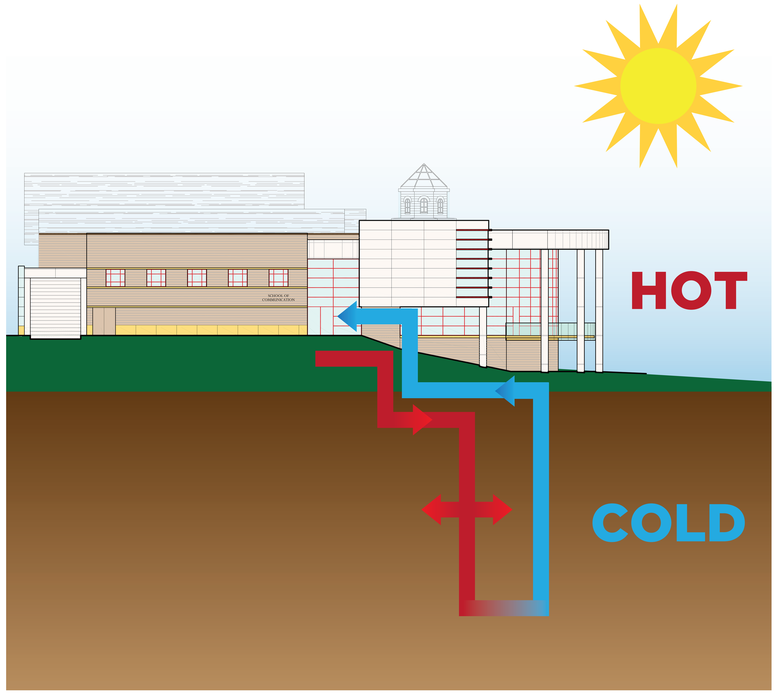
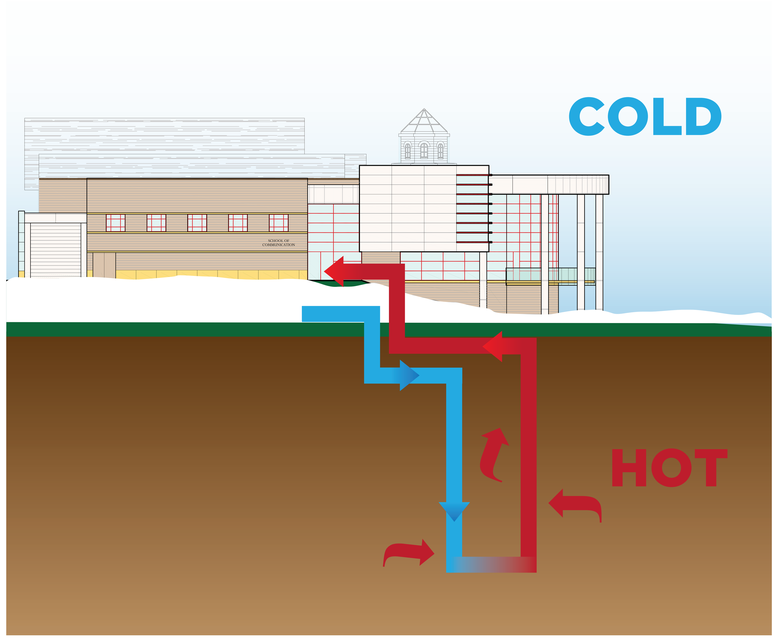
Geothermal Heat Pump System

SAVING ENERGY BY USING NATURAL RESOURCES





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Geothermal uses the relatively constant temperature of the earth as a reservoir for gathering or depositing heat. This heat is eventually transferred to or from the air, which is used to heat and cool spaces within buildings. This process uses ***significantly less energy*** compared to other widely used air conditioning systems, cutting down on power consumption.

The geothermal well field being built here will consist of ***88 wells, each 500 feet deep***, and will contain a loop of pipes running into each well. This geothermal well field will provide cooling and heating to the Brown Activities Center, Wyatt Center for the Arts, Norton Fine Arts Complex, and the Alumni Hall buildings.