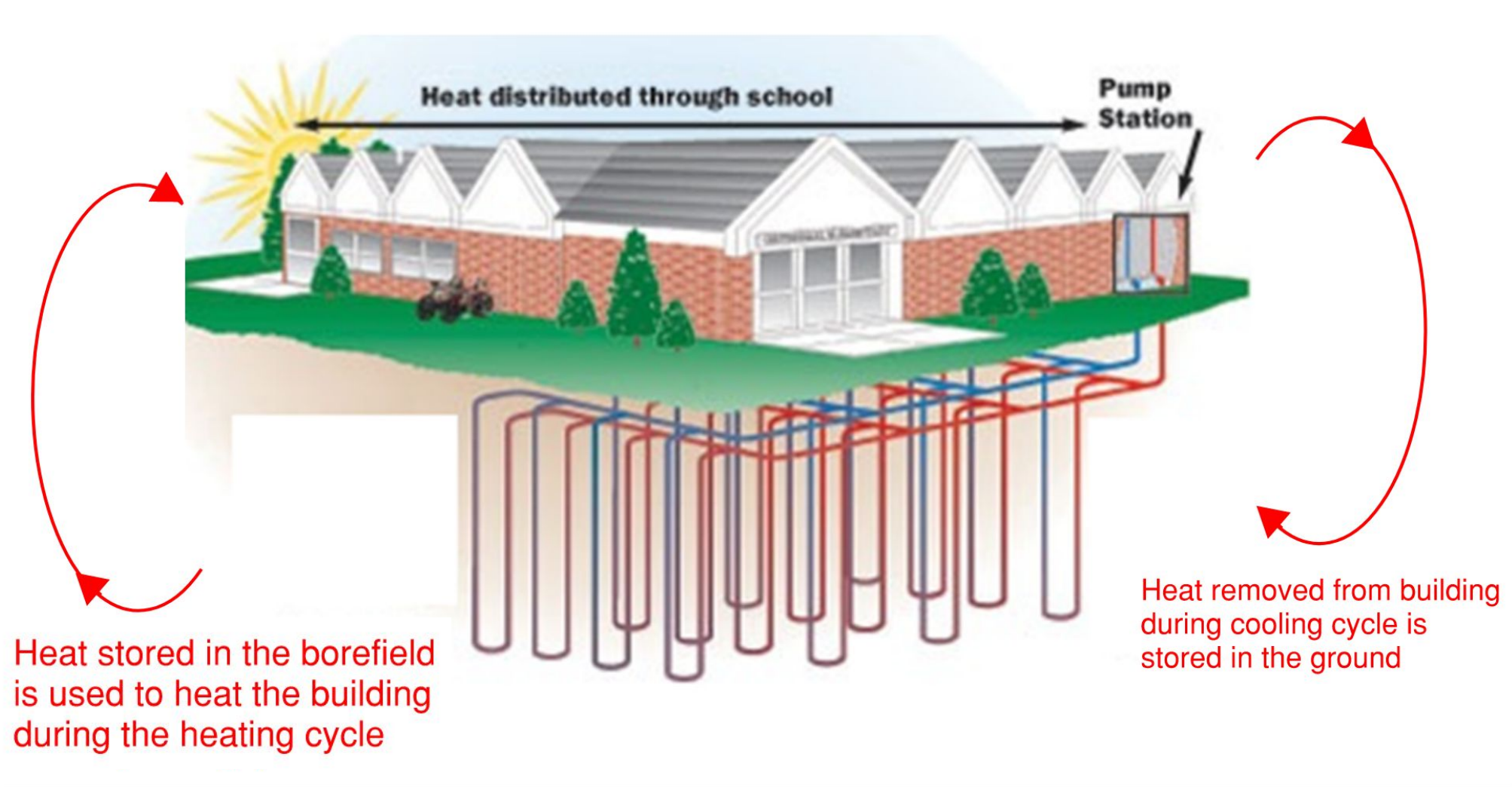




In a geothermal system, water is circulated between a network of buried piping and the HVAC units inside the building. The indoor equipment, called heat pumps, use a refrigerant system to exchange energy with the circulating water. The heat pump refrigerant system will either extract heat from the circulating water to heat the building or reject heat from the building during air conditioning to warm the water. The water is then circulated through the network of buried piping to exchange the energy with the ground, which stores heat from air conditioning during the summer months and allows stored heat to be recovered to heat the building in the winter months.

Drilling and Loop Installation



Trenching and header installation



Final Product

