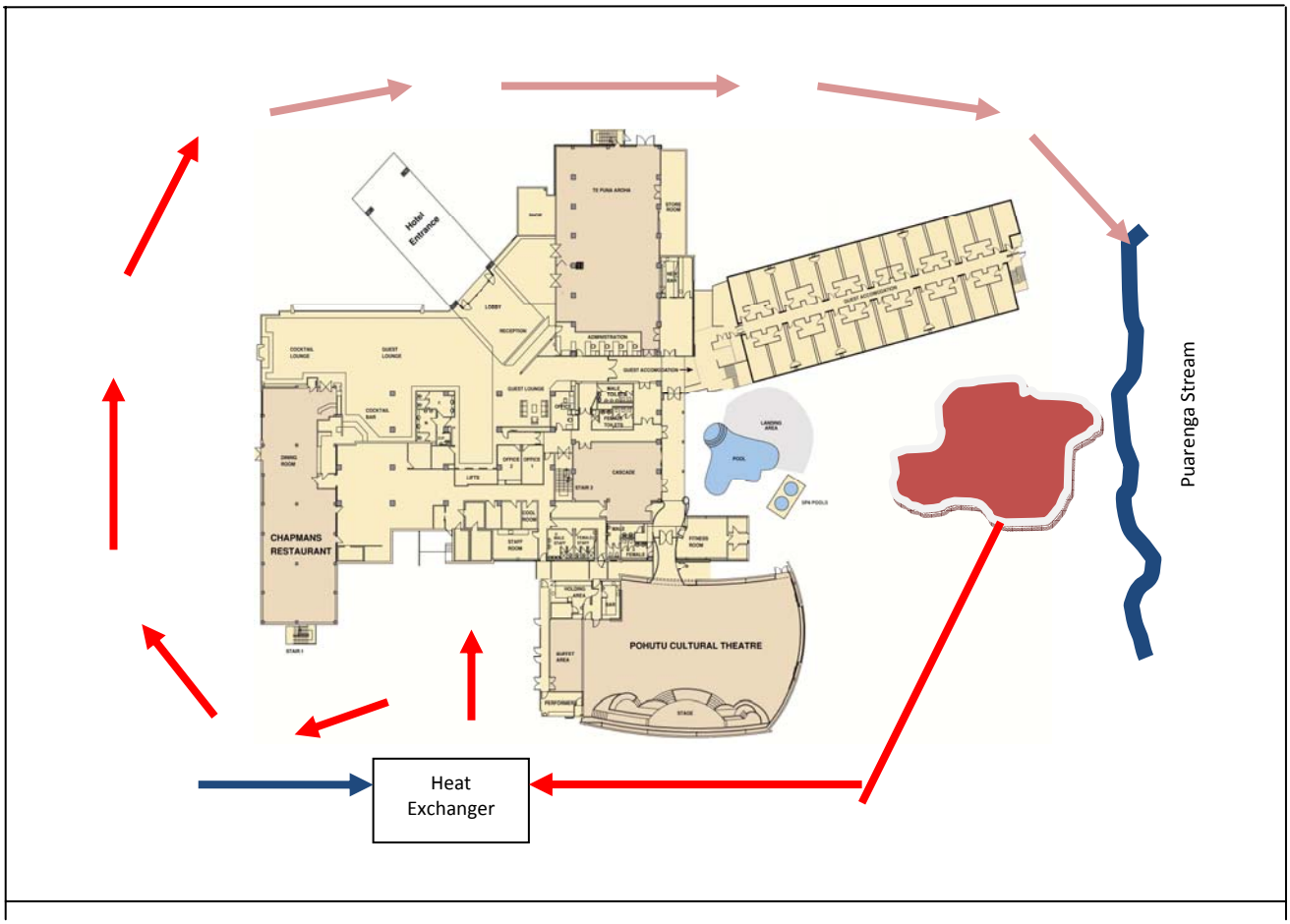
UNIQUE TO ROTORUA - THE USE OF GEOTHERMAL ENERGY

Heritage Rotorua takes environmental issues very seriously. There is a unique and important relationship between the local geothermal activity and some of the energy sources used by this hotel.

Heritage Rotorua does not use any boilers or rely on diesel, coal, petrol, gas or electricity to run our hotel water system. Instead natural resources are used, which in no way harm our environment, are pollution free and more importantly are sustainable.

Heritage Rotorua draws geothermal fluid from a natural hot spring, located behind the hotel, the temperature of this fluid from the source is approx 96 degrees Celsius (205 degrees Fahrenheit). The geothermal fluid is run around a ring-main system and through a series of heat exchangers, which in turn heats the town supplied cold water for use in all guest rooms, the hotel laundries, kitchens, outdoor pool and spas.

Once used, the cooled geothermal fluid is returned into the Puarenga Stream, located behind the hotel.

This is a truly remarkable and unique way of using a renewable energy source without any impact on our environment.

The diagram below is an outline of how it all works.