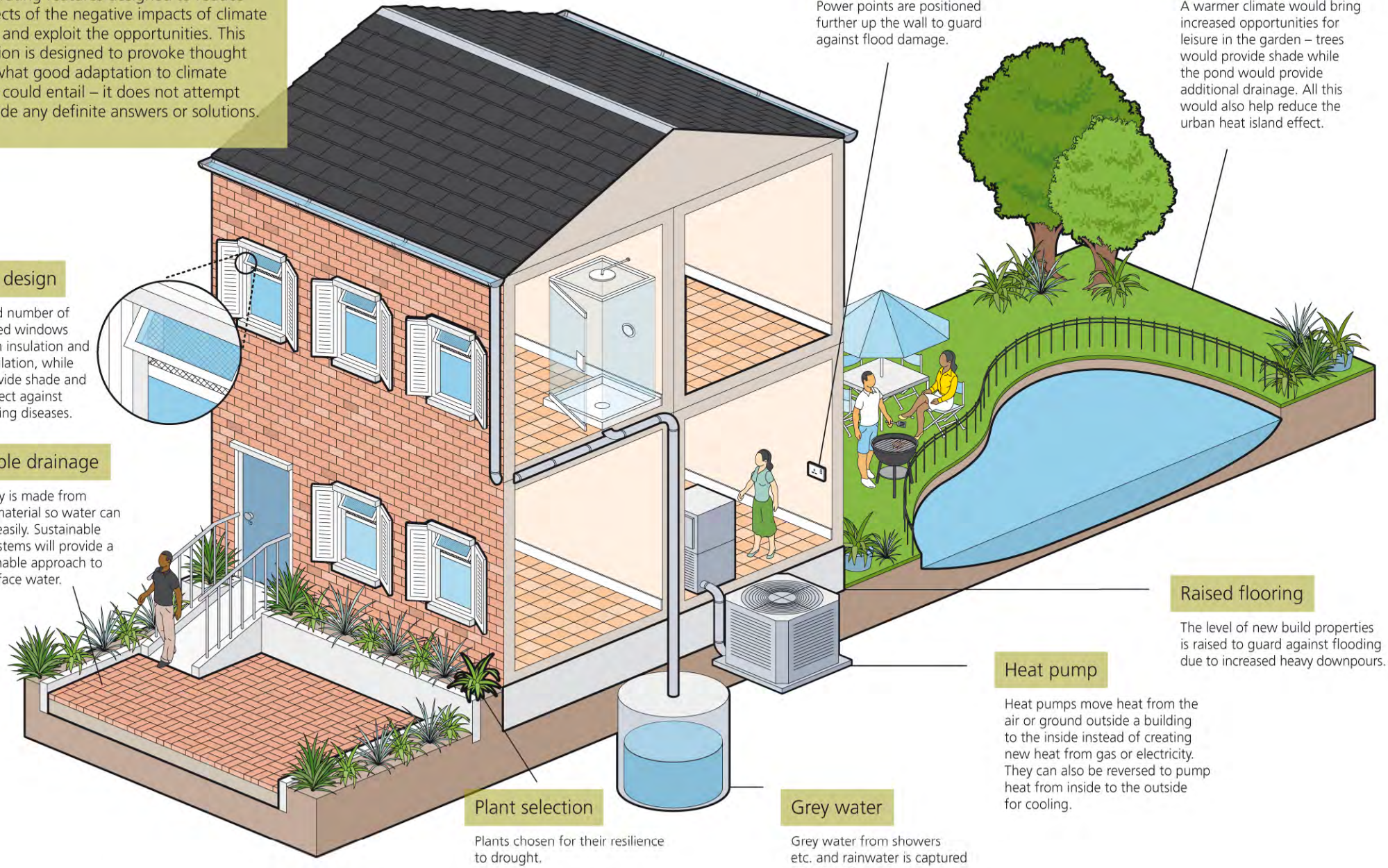
2030s Domestic House

Incorporating features designed to reduce the effects of the negative impacts of climate change and exploit the opportunities. This illustration is designed to provoke thought about what good adaptation to climate change could entail – it does not attempt to provide any definite answers or solutions.



Power points

Power points are positioned further up the wall to guard against flood damage.

Garden design

A warmer climate would bring increased opportunities for leisure in the garden – trees would provide shade while the pond would provide additional drainage. All this would also help reduce the urban heat island effect.

Window design

An increased number of double-glazed windows provide both insulation and natural ventilation, while shutters provide shade and screens protect against insects carrying diseases.

Sustainable drainage

The driveway is made from permeable material so water can drain away easily. Sustainable Drainage Systems will provide a more sustainable approach to draining surface water.

Raised flooring

The level of new build properties is raised to guard against flooding due to increased heavy downpours.

Heat pump

Heat pumps move heat from the air or ground outside a building to the inside instead of creating new heat from gas or electricity. They can also be reversed to pump heat from inside to the outside for cooling.

Plant selection

Plants chosen for their resilience to drought.

Grey water

Grey water from showers etc. and rainwater is captured and reused.

This illustration does not necessarily depict past, present or future Government policy. The illustration concentrates on adaptation actions and does not highlight mitigation and other sustainable development measures..