

ARCHITECTURE

VICTORIA COURT

PENNY STREET

LANCASTER

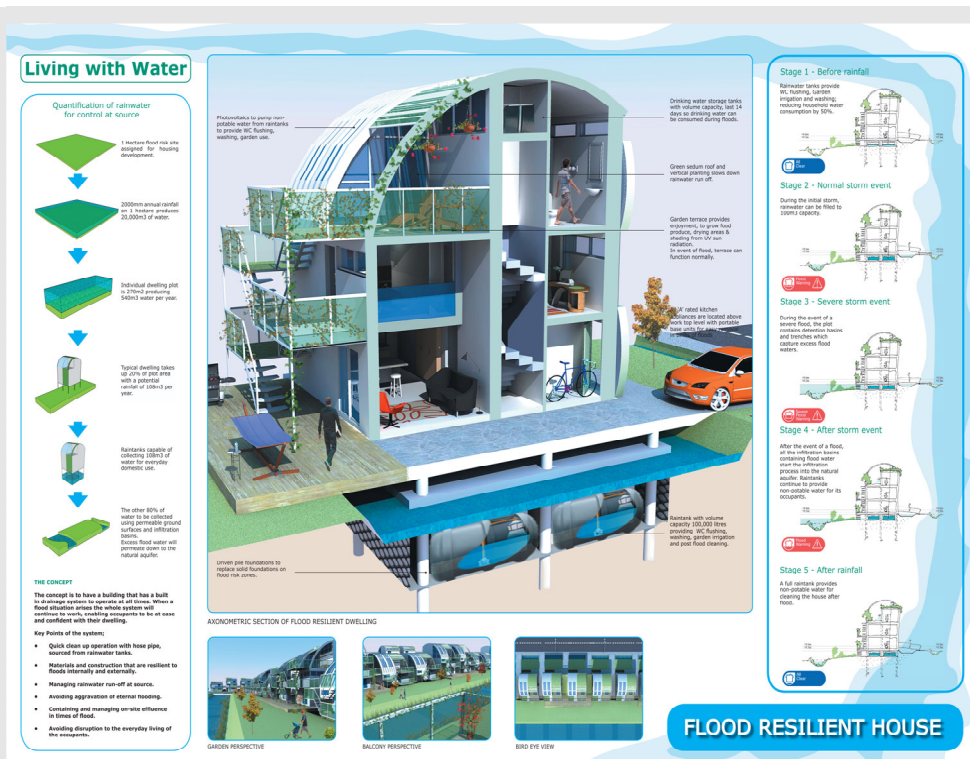
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Living with Water - Flood Resilient House

RIBA / Norwich Union International Design Competition

In late 2008 the practice entered an International Architectural Competition, to find a ingenious way of designing housing for areas which were known to be susceptible to flooding. The competition received 85 entries from practices based all over the world.

Our entry was included in the 20 schemes featured in the exhibition at the Thames Gateway Conference at the ExCel Conference Centre in London which was held in November 2008.

The **hpa** scheme relied on ‘absorbing’ flood water in large tanks under the house, this water could then be reused as non-potable water within the house (such as WC Flushing, clothes washing etc). Excess Flood water was diverted into attenuation ponds within the garden area and surrounding landscaping. The house design also includes a number of energy efficient measures, and potentially could be built as a carbon-zero home.