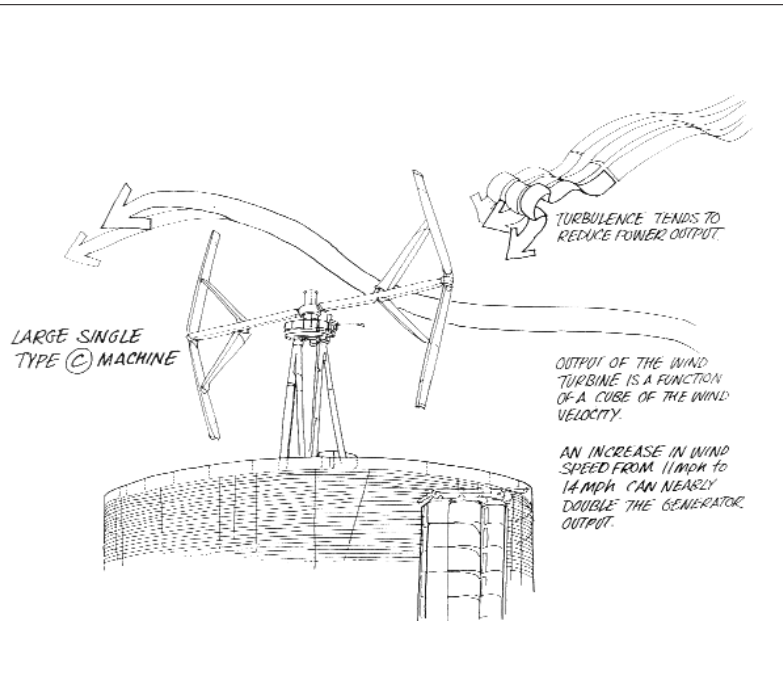


# BATTLE McCARTHY ©

Consulting Engineers & Landscape Architects



## PROJECT:

Haikou Towers

## CLIENT:

Haikou Development

## ARCHITECTS:

T R Hamzar & Yeang

## BM SERVICES:

Structural & Environmental Services

## VALUE:

£30million

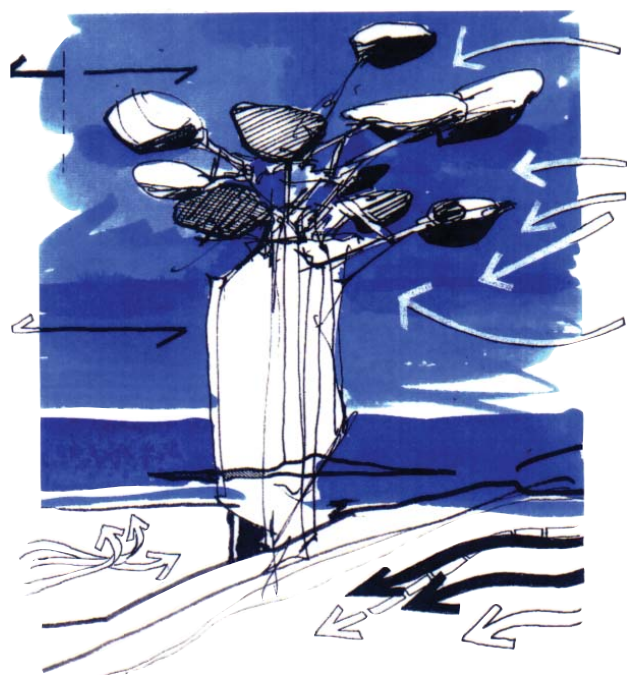
## DESIGN BRIEF

It has been the teams objective to generate throughout the creative use of structure. Form and materials residential hotel and office towers which have the following attributes.

- Good daylight
- Good sound control
- Good ventilation
- Good wind control

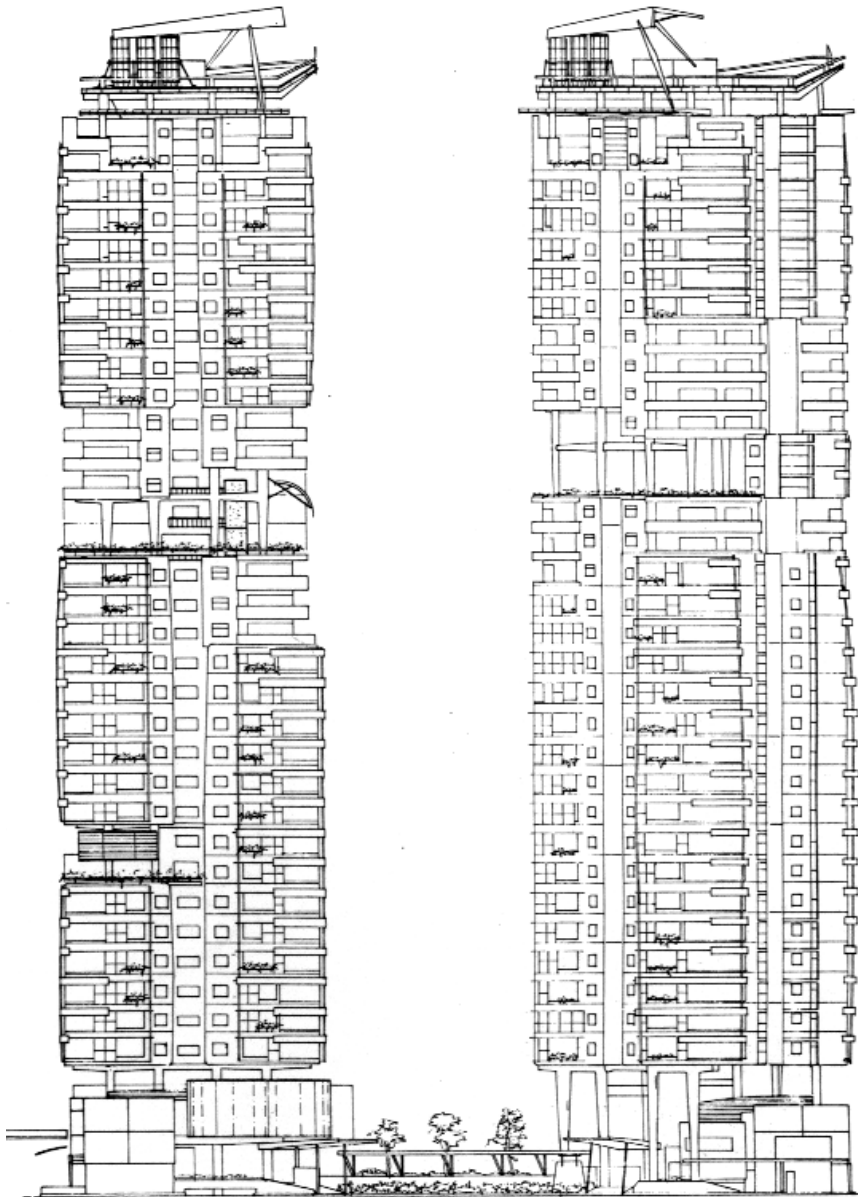
## DESIGN INITIATIVES/ACTIONS UNDERTAKEN

The towers developed bring together a number of international low energy technologies into simple and yet innovative structural configurations. The towers are simple to construct. All buildings components are robust, standard products and are relatively low-tech. Each tower combines the benefits of thermal floor mass for cooling, wind scoops for electrical power and solar collection for hot water. The towers aim to achieve a 50 per cent less energy than conventional residential towers.

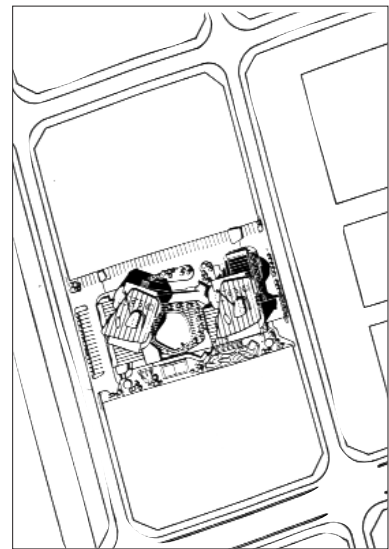


Concept drawing

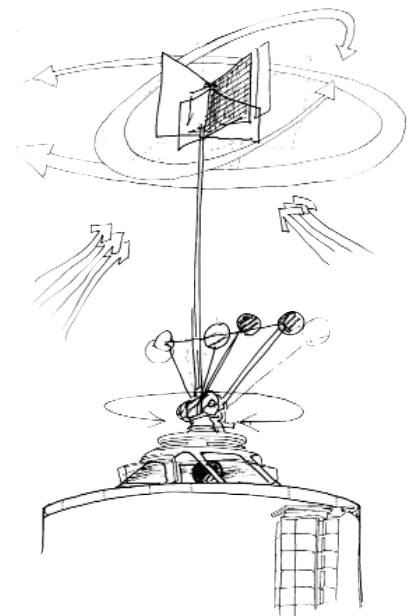
London UK Office  
T: +44 (0)20 7440 8282  
F: +44 (0)20 7440 8292  
E: admin@battlemccarthy.com  
www.battlemccarthy.com



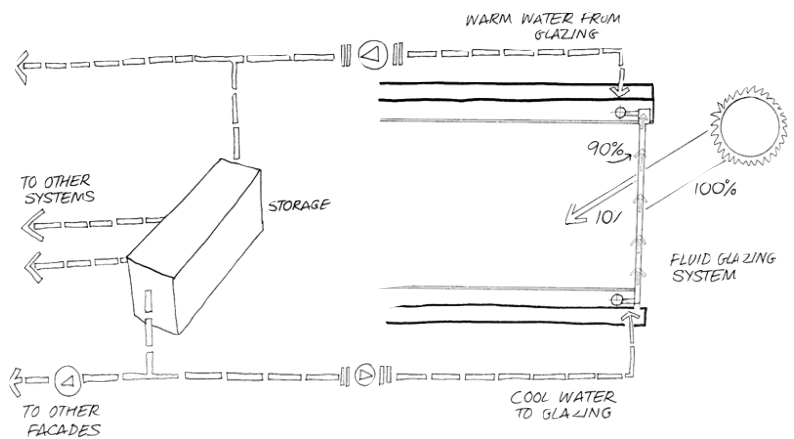
Elevation



Site



Wind turbine options



Principles of energy creation