

BATTLE McCARTHY©

Consulting Engineers & Landscape Architects



PROJECT:
The pUBLIC

CLIENT:
c/PLEX Ltd.

ARCHITECTS:
Alsop Architects

BM SERVICES:
Building Services (MEP) Engineering
& Environmental Design

VALUE:
£38million (approx)

DESIGN BRIEF

To design an exciting high quality environmentally responsive community arts facility. The new c/PLEX building provides the opportunity to explore the interface between art, energy and the environment in a holistic and demonstrable way e.g. through exhibition.

DESIGN INITIATIVES/ACTIONS UNDERTAKEN

The c/PLEX project offered the opportunity to demonstrate how an arts building can aid rejuvenation of a run down area and meet the highest environmental and low energy standards. The building provides a set of stimulating environmental spaces that use the minimum amount of energy and will have low maintenance costs.

The design has achieved the following criteria:

- Substantially daylight building and naturally ventilated building.
- Mixed mode ventilation system that will provide comfortable conditions throughout the year whilst giving all occupants the ability to open windows.
- Low energy and maintenance cost system.
- Potential for incorporating renewable energy collection systems.
- Borehole water system for cooling and water supply.
- Creation of an intelligent facade system that incorporates natural ventilation and night cooling systems.

The project has been successful in obtaining a Thermie Grant which will assist in funding the study, design and installation of the above mentioned systems.

The building is currently on site and is due for completion in 2005.

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AWARDS

The Architectural Review Future Project Prize MIPIM

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