

## R A Building

Life Sciences & Chemicals

RA Facility - Pharmaceutical Research Facility comprising of fume cupboard laboratories and supporting plantroom, office, welfare and meeting room facilities.

The project was approached systematically based on concurrent engineering principles and popular design methodology.

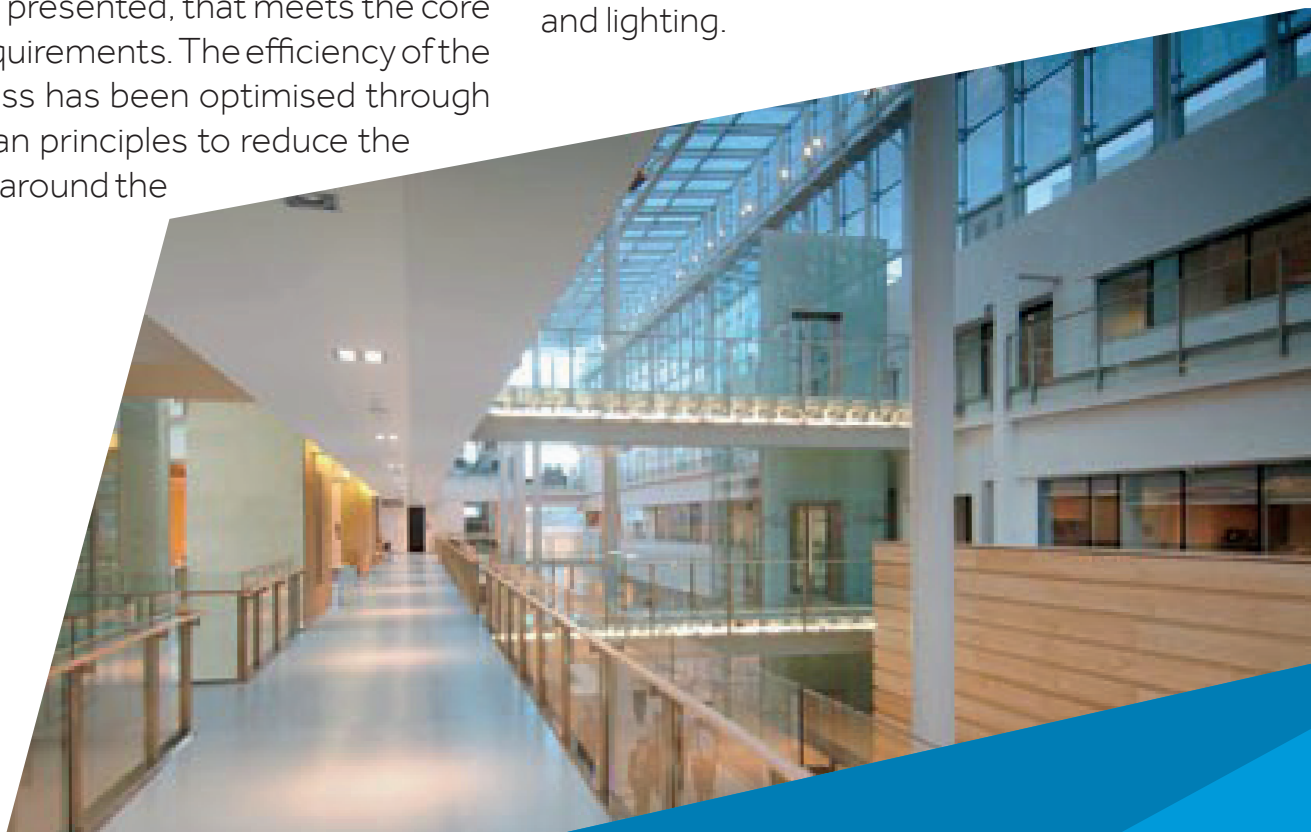
An innovative design incorporated with energy efficient features and sustainable practices is presented, that meets the core process requirements. The efficiency of the work process has been optimised through applying lean principles to reduce the work travel around the

laboratory and incorporating electronic tracking systems. Energy efficient strategies have been implemented that lower the energy base load and increase

*An innovative design incorporated with energy efficient features*

energy efficiency in key areas such as HVAC and lighting.

## CASE STUDY



### PROJECT DETAILS

**Project Name:** R A Building

**Client:** Astra Zeneca

**Contractor:**

**Location:** Alderley Park

**Value:** £1.5 million

**Date:** 2006

Hargreaves provided supply and installation of predominantly DW144 type ductwork all shapes and sizes - some painted.



Small amount of PVC ductwork. Also supplied dampers, attenuators, fabric air socks and grilles and some minor fans.

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