FAQ's

1. Explain the Fleet guard and the way Richard Rogers has redefined the industry set up in this kind of architecture.

It is a highly adaptable building, capable of responding to changing needs and functions.Fleetguardspecialises in manufacturing heavy duty engine filters.

The design places great emphasis on minimizing intrusion on the landscape. Surplus excavated soil has been used to create a carefully controlled landscaping scheme, relegating access roads to the perimeter of the site and segregating industrial from personnel traffic.

A dynamic suspension structure reduces both roof span and structural depth, diminishing the overall mass of the building.

The external structure frees the interior roof zone for flexible services distribution, unhindered by the excessive structural depth of a conventional frame of similar span.

The stairwell is enclosed in glass so that it becomes the focal point internally, linking both physically and visually the production and administrative areas.

Structural connections necessary for extending the building can be made without removing existing cladding, thereby avoiding disruption to the use of the building.

2. Explain the PATCenter building with reference to the kit-of-parts technology and how it is used as a tool to solve problems on the project

The PATCenter's 40,000 square foot single story volume is largely unpartitioned and quite shed-like inside. Its stayed roof structure, painted bright red and articulated by clevises and stainless steel pins, is certainly an exhibitionist form of ornamentation if not outright decoration.

PA Technology LTD wanted its Technology Center in Princeton, NJ to be flexible and expandable enough to meet its unpredictable space requirements.It also wanted a building that would be visually expressive of the highly technical operations inside.

To solve the problem of spatial uncertainty, Rogers designed the building interior as a single large volume, modulated by a minimum of relocatable partitions.

The stayed roof provides a largely column-free interior, which increases flexibility and, with the exposed HVAC equipment and translucent facade panels, provides the building's "high tech" expression.
The building's articulated structural components reflect their design as a "kit of parts," premanufactured from off the shelf products.