



Education Centre, Southend University Hospital, Essex



The project comprised of a new 1,380m² 3 storey building linked into the existing Education Centre. The extension accommodates 24 offices / seminar rooms, 5 meeting / consulting rooms, 3 hub rooms and WC / shower facilities. The associated common areas and reception situated beneath an attractive glass atrium designed to provide plenty of outside light centrally within the building.

The works spanned live underground service tunnels and involved the construction of a RC frame, masonry envelope, zinc cladding, aluminium windows and a single ply roof with man safe system. Other features internally included the installation of a lift, Plasform doorsets between screens and metal stud partitions. Externally, work involved drainage and service installations complete with hard and soft landscaping. Construction benefitted from utilising a tower crane for much of the contract period enabling materials and plant to be moved frequently and efficiently, a vital factor given the confined nature of the site.

Successful completion of the project can be attributed to good communication in solving the many logistical problems of operating within a busy hospital environment. The site was surrounded by access roads, pedestrian footpaths and fire escapes; it was also adjacent to the Main Hospital Eye Clinic. With this in mind Evers hosted regular impact meetings with Hospital Staff to co-ordinate activities. The site was judged "An Exceptional Site" by the Considerate Constructor scheme.

Sustainability was an important feature of the project which involved incorporating an extensive Passivent natural ventilation system and constructing facades detailed with Brise Soleil solar shading together with satisfying all BREEAM requirements.

Client

Southend University Hospital Trust

Architects

LSI Architects

Quantity Surveyors

Castons

Structural Engineers

Sir Frederick Snow and Partners

Contract Details

JCT Standard Building Contract with
Quantities 2005 Rev 1 2007

Value: £ 2,720,000

Period: 37 weeks

Completed: July 2010