



Endoscopy Unit, Eastbourne BN21



PROJECT

Endoscopy Unit, Eastbourne District General Hospital
BN21

SECTOR

Healthcare

CLIENT

East Sussex Healthcare NHS Trust

CONSULTANTS

Project Manager: Summers Inman

Architect: John Gibbs Partnership (Sutton)

Structural Engineer: Building Structures Associates

Services Engineer: Kyne and Clyne Engineering

CONTRACT TYPE

JCT Design and Build 2005

ENQUIRIES:

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DESCRIPTION

Design and construction of a two-storey extension over a basement level plant room to provide new Endoscopy Unit to existing live hospital. Glenman was responsible for the construction of the theatres, consulting, treatment, recovery rooms, sluice rooms, offices, staff restrooms, counselling rooms, lifts, accessible toilets and independent wheelchair access. The sanitary areas and bathrooms were completed with layouts to suit disabled and ambulant needs. All areas were designed and built to the latest HTM and HBN requirements.

Construction Methods

- The structure comprises a steel frame bearing onto RC pads with in-situ concrete slab on the ground and precast hollowcore at first-floor level
- The external envelope comprises of rainscreen cladding, renewable 'Western Red Cedar', 'Bauclad' and 'Petrarch' stone cladding
- The roof is single ply with sun pipes to reduce the carbon footprint
- 'Marmoleum' floor covering; 'Durafin' plaster and white rock wall finishes with stainless steel corner guards and protective railings
- MF ceilings and stainless steel balustrades with glazed infill panels.
- Aluminium windows with AOV smoke control systems at high level

DELIVERY

To avoid disruption to a 'live' hospital, Glenman ensured vigorous control of procedures to protect adjoining areas from any impact from vibration, dust and noise emissions. To assist this, some installations were completed 'out-of-hours' to maintain vital hospital services, at all times. As we were working in a busy environment, extensive traffic management was required (shared access road with morgue and A&E) while managing the wind impact of adjacent air ambulance landings. Our sustainable design, collaborative working with the client, and sustainable construction methods helped Glenman to achieve a BREEAM very good rating for this project.