



## EXTENSION TO RENAL UNIT AT DAISYHILL HOSPITAL

Construction at third floor level of an existing 1960 framed building

**Client: SH&SCT**

### SUMMARY:

**Value:** £1.2 million  
**Status:** Complete November 2008  
**Project Manager:** Health Estates  
**Architect:** P.O'Hagan Associates  
**Main Contractor:** Felix O'Hare  
**Struct/Civil Engineer:** Nicholas O'Dwyer Ltd

### Accommodation Provided:

600m<sup>2</sup> of an extension to the Renal Dialysis unit including storage and emergency escape facilities.

Nicholas O'Dwyer were asked to examine the feasibility of providing approximately 600m<sup>2</sup> of additional space to allow an extension to the renal unit at Daisyhill Hospital. The proposal involved construction at third floor level of an existing 1960 framed building. After examination of existing drawings, various on site testing and design analysis Nicholas O'Dwyer concluded that it was possible to construct a lightweight structure which would not overload the original building or disrupt the maternity ward below.

Following the submission of a business case and costs (by others) a full design team was appointed in June 2007 with a view for tender prior to the end of the year.

The structural frame employed was light steel members, adequately braced back to the existing building and fixed to the existing floor using resin anchors. Accessibility and craneage was of particular difficulty and a number of method statements were formulated to ensure safe working conditions and environment.

Felix O'Hare was appointed the Principal Contractor under a traditional form of contract. The contract period was from 11 February 2008 to 17 November 2008. The contract was completed within the programme and within the budget of £1,214,000.



**Nicholas O'Dwyer**  
CONSULTING ENGINEERS



**Southern Health**  
and Social Care Trust