



*Eastern elevation viewed from the Necropolis*



*Original entrance elevation*



*Cathedral precinct*

Client: **NHS Greater Glasgow & Clyde**  
 Project Manager: **Derek Bolton; dabolton.alterego@hotmail.co.uk**  
**07882 059 757**  
 Contract value: **Approx £22m in several phases and contracts**  
 Contract Dates: **2008 – 2014 ongoing**  
 QS: **Allan & Hanel**  
 Services Eng: **WGM Consulting Engineers**



*Infirmary quadrangle*

**Location:** The Grade A listed main hospital building at Glasgow Royal Infirmary sits beside more modern and suitable hospital buildings, and in order to provide a new lease of life to the wards, patient facilities and service infrastructure within the old building a rolling programme of upgrades and improvements was instigated by the client.

**Brief:** Commencing with a new enclosure for the standby generators, there followed wet-room and accessibility toilet upgrades, as well as multiple full Ward refurbishments (25 to date) to improve the open plan 'Nightingale' wards. The brief required refurbishment of finishes and services infrastructure, with fabric repairs incl new insulation to external walls, improved disability access/provision and included co-ordinating user preferences and future flexibility.



*Refurbished ward area*

Further projects have also included an Assisted Conception Suite and Rheumatology Outpatients. A rigorous and detailed externally audited validation process was undertaken to ensure HFEA compliance on the Assisted Conception Suite.

**Innovation:** Fortnightly HAI SCRIBE reviews were undertaken in conjunction with infection control, estates, facilities & capital project teams to assess fundamental design, specification and operational issues, including assessing impact of construction works on adjoining occupied areas.

**Phasing:** Projects were executed progressively to suit healthcare priorities and occupation imperatives. This required several separate contracts, some with multiple phasing, to ensure minimal disruption to ongoing patient care. An umbrella programme for the whole hospital ward refurbishment programme was also prepared and updated as works completed & capital funds were released.



*Nurses station*

**Added Value:** In house accredited conservation architects augmented our extensive healthcare experience in addressing listed building consent issues whilst satisfying modern healthcare standards.

**Feasibility studies:** Further studies were also carried out into the potential next phase of improvement works to the old building, to provide single bed ward facilities.