

## **M&E Services Strategy**

Building and site-wide services strategies continue to develop parallel to architectural design and the return of specialist technical investigations and surveys.

Henderson Green has identified that the existing incoming electrical supply has insufficient capacity to serve the proposed extensions and future possible floodlighting to the MUGA. Discussion is on-going with the relevant utility supply authority in order to develop a proposal for upgraded supply. Initial indications are that this may require a new local sub-station.

In terms of programme, M&E works pre-planning (6th June 2014) would consist of:

- 1) Initial Part L2A SBEM calculations
- 2) M&E Design Philosophy Report which would define the services strategy for the new build extensions
- 3) Liaison with the Statutory Authorities
- 4) Review of M&E BREEAM credits
- 5) Preliminary plant sizing, major services routes and distribution sketches
- 6) Detailed site survey of the refurbished areas

## **Post Planning**

- 1) Develop sketch schemes for approval
- 2) Prepare design schematics
- 3) Detailed calculations
- 4) Develop detailed design drawings
- 5) Develop NBS Engineering Services Specification
- 6) Carry out Design Stage SBEM calculations for submission for Building Regulations approval
- 7) Finalise M&E BREEAM Credits at completion of design stage