

### Description

- ◆ Two phases of a development delivering 450 residential units, offices, retail units, a cafe, a hotel and data storage facility
- ◆ Mount Wise Phase I created 469 homes, a striking range of one, two, three and four bedroom houses and apartments, each one elegantly complementing the figure head of the scheme, a grade II listed 200 year old Georgian building, Admiralty House
- ◆ Mount Wise Phase II involves building 89 dwellings either side and in front of the 18th century Admiralty House, which has planning permission to be sympathetically restored to create a 21 bedroom boutique hotel
- ◆ The site, previously been occupied by the MoD, contains a number of listed buildings and significant archaeological features including an extensive tunnel system and lengths of a city wall.

### Benefits Delivered

- ◆ Direct negotiation with external lighting supplier in order to provide pre-wired lighting columns which could be installed on site by the ground workers rather than the electrical contractor reducing site installation costs. Estimated saving £10k
- ◆ Co-ordination of utility providers and generation of cost proposals
- ◆ Delivery of low energy residences, EPC energy rating of B
- ◆ Work with contracting team to meet project budget constraints
- ◆ Regular site visits, and site quality control to assist in reducing the defects towards PC.



### Involvement

- ◆ Planning of all infrastructure, gas, electric, water and street lighting to serve the new housing estate
- ◆ Liaison with the local authority and providing estimates of service loads for each authority
- ◆ Supervision of services installation, co-ordinating with other site services and the construction programme
- ◆ Produced draft performance energy assessment for sales purposes to determine if an energy rating of 'B' is anticipated under the current version of the software
- ◆ Undertook thermal modelling of the glazed apartments.
- ◆ Infrastructure review and site diversions to accommodate the works, including capacity provision for planned future development phases
- ◆ Detailed site survey, detailed design and specification of the building engineering mechanical & electrical services
- ◆ Develop energy strategies to meet planning requirements and achieve a minimum EPC rating of B
- ◆ Thermal modelling of glazed south-facing penthouse apartments with façade engineering proposals to limit overheating
- ◆ Quality control to assist in reducing the defects towards PC.

*Phased regeneration of the 28 acres at Mount Wise which will be undertaken over several phases*