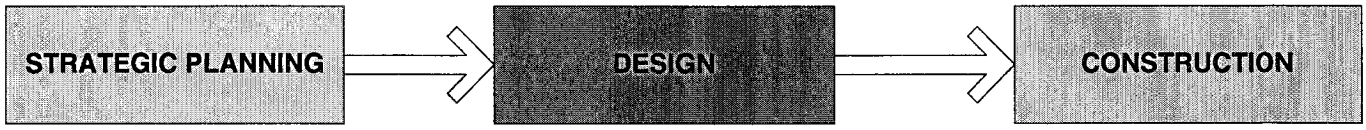
Attachment 2: Key Elements of Integrated Design and Construction



STRATEGIC PLANNING

- ❑ Include sustainability in project objectives
- ❑ Project budget and schedule to include sustainability considerations
- ❑ Educate team and set design goals
- ❑ Identify strategies and set target score
- ❑ Select Site based on sustainable principles
- ❑ Include Integrated Design requirements in consultant RFP

DESIGN

- ❑ Research & Evaluation to apply relevant strategies
- ❑ Life cycle cost analysis to evaluate options
- ❑ Energy simulation to check performance targets
- ❑ Integrated development of design details
- ❑ Refine strategies and verify project goals
- ❑ CBIP and other grant submissions as applicable
- ❑ Appoint third party testing and commissioning agency
- ❑ Final co-ordination and integration of services
- ❑ Include sustainable requirements in construction documents
- ❑ Prequalification of contractors for LEED projects
- ❑ Evaluation criteria to include sustainable requirements

CONSTRUCTION

- ❑ Educate contractors about sustainability goals
- ❑ Review and follow commissioning plan
- ❑ Establish quality control procedures
- ❑ Monitor ilmplementation of sustainable design
- ❑ Preoccupancy verification
- ❑ Document lessons learned
- ❑ Document performance evaluation
- ❑ Update and maintain approved list of contractors