

## **BICESTER ECO-TOWN Green Wall Specification and Maintenance Requirements**

### **Specification**

- **Wall number/area(s) to be planted:** Wall area 153m<sup>2</sup> approx.
- **Green Wall description:**
  - Grade 316 stainless steel bracketry and 4mm wire to create a support grid with 50cm spacing's.
  - Fixings mechanically fixed into blockwork
  - Planting into the ground at base of wall SGR selected climbers, 4nr per linear metre
  - 20% compost incorporated into existing site dug topsoil at base of wall
  - Mulched with amenity grade bark to a depth of 70mm.

### **Post Installation Maintenance**

Full coverage of the wall anticipated 18-24 months after planting dependant on season of planting, plant selection and microclimate.

Ground level planting requires maintenance to ensure that they get fully established and become a thriving self sustaining plant community. It is recommended that in the first 12 months post installation maintenance should consist of 3 visits. Followed by the next year of 3 visits, there after a minimum of 1 visit per year.

Typical procedures carried during maintenance include:

- Removal of unwanted plant material i.e. invasive species (if required).
- Correction of any localized plant system problems that may have occurred post installation.
- Replacement of any naturally failed plants exceeding 5% of total plants installed.
- Application of nutrient source.
- Pruning
- Replenishment of any areas of settled substrate.
- Feeding

### **Post Installation Irrigation**

A Drip line buried in the bark and attached to a manually operated lockable tap adjacent to the planter will be installed as part of the green wall system.