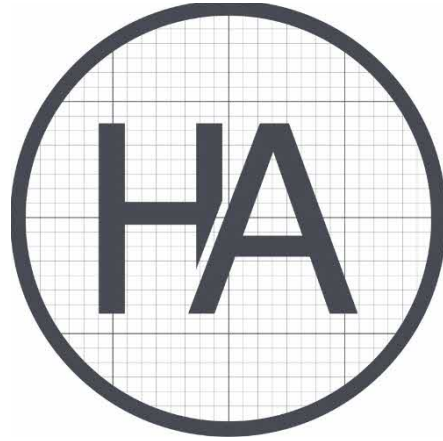


Cheltenham Sustainability Statement  
H.A. Planning Limited



# H. A. Planning

## Sustainability Statement

in support of

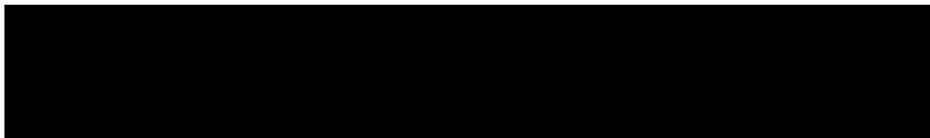
Planning Application for

93 Brooklyn Road

CHELtenham

GL51 8DT

H. A. Planning Limited  
67 Cleevemount Road  
Cheltenham  
Gloucestershire  
GL52 3HD



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This Planning Application seeks to extend the side and rear of the dwellinghouse to form an open plan kitchen dining area and install a utility room and home office. The first floor will be reconfigured internally to accommodate a study and the staircase for the loft conversion.

**Energy Efficiency:** The extension roof insulation will be increased due to a warm roof construction and additional insulation to the pitched section with the use of insulated plasterboard to the interior. The lanterns are manufactured with Pilkington Blue glass to reduce unwanted ultraviolet but increase solar gain to the new extension. The Bi-fold doors will be Visofold 1000 with trickle vents providing increased thermal efficiency to the extension with natural ventilation. The walls will be constructed with increased thermal interior blocks and cavity wall insulation maximising efficiency and reducing heat loss.

**Low Carbon Heat:** The heating system will be unchanged.

**Renewable Energy:** This will remain unchanged as the size of the extension will not provide for an additional array.

**Water:** The proposed changes to the new utility and kitchen will ensure all appliances will have saving devices and to achieve a water consumption of <105 l/p/d.

**Transport and Travel:** The permission seeks the installation of a home office. Shared mobility has been adopted wherever possible.

**Flood risk assessment:** This was carried out prior to making the application. Levels do not warrant further action. Floor levels will remain as existing.

**Ecology and Biodiversity:** All steps will to taken to preserve local and site-specific items.

**Waste:** Adequate internal and external bin storage and recycling space is currently allocated. Water butts will be applied to utilise rainwater from the new extension roof.

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