

Planning for sustainable design and construction

Checklist

This is to be completed for all developments that require a Design and Access statement. A sustainability summary should be included within the document that demonstrates how the development performs in terms of each category. Where a particular category is not met, the developer should give reasons why measures cannot be introduced.



Subject area and questions	Yes or No	Please briefly state how the development has addressed the issues OR Why it has been unable to address them
Energy		
1. Will you be achieving a minimum 10% improvement over the Part L Building Regulations requirement for CO2 emissions?		
2. Will heating systems and their controls be specifically designed to reduce energy use?		
3. Will passive ventilation be employed so as to negate the need for air conditioning systems?		
4. Will renewable energy technologies be employed for electricity and heat generation?		
5. Will all lighting be kept to the minimum required and comprise dedicated low energy fittings and include controls so as to minimise electricity consumption and reduce light pollution?		
6. Will all electrical goods supplied be A rated, or if not supplied will the first occupiers be given information on energy efficient appliances?		

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Transport		
7. Is the development within close proximity (1km) of regular public transport services?		
8. Will the development discourage the use of the motor car?		
9. Will the development provide safe cycle routes throughout the site and will facilities such as secure cycle parking be provided?		
10. Will safe pedestrian routes through the site and into its surroundings be provided.		
11. Is the site within walking distance (1km) of key local amenities and if so what are they?		
12. Has a travel plan for employees of commercial developments been developed?		

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13. Is there sufficient space for home office working within residential units?		
Pollution		
14. Will all insulation materials used have a Global Warming Potential of less than five? (These ratings should be in the product specification)		
15. If to be used, will gas boilers with low Nitrous Oxide emissions be specified? What boiler class will be used?		
16. Will decorative and other internal finishes specified be low in Volatile Organic Compounds (VOCs) to benefit occupant's health?		
17. Will Sustainable Urban Drainage techniques be employed so as to reduce surface water run off and resultant flooding from storms?		
18. Will the development be built within an area of low flood risk?		

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Materials		
19. Will the development use construction materials with low environmental impact such as those A+ rated by BRE's Green Guide to Specification?		
20. Will local and/or recycled/reused materials be used in the construction of the development?		
21. Will all major building components be responsibly sourced, such as FSC (Forestry Stewardship Council) or other accredited form of timber and timber products?		
22. Will facilities to store recyclable waste be provided within the units, outside or both?		
23. For commercial developments will a waste minimisation and management plan be developed?		
24. Will composting facilities be provided on site?		

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25. Are the component parts used in the construction of the building/s suitable for re-use at the end of the building/s useful life?		
Water		
26. Will measures be put in place to reduce the internal use of potable water, such as the use of low flush WCs and aerated taps?		
27. Will measures be put in place to reduce the external use of potable water, such as the installation of water butts?		
28. What provision for rainwater harvesting and grey water recycling has been included in the development?		
29. Has the concept of a 'dry garden' using drought tolerant plant species been explored?		
Land Use and Ecology		
30. Is the site classified as previously developed and of low ecological value?		

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31. Has an ecological survey been carried out and are measures proposed to protect features identified and to safeguard protected species?		
32. Are measures proposed to enhance the arboricultural, ecological and landscape value of the site, in accordance with expert advice to form part of a landscaping scheme?		
33. What is the density of residential units on the site in terms of the number of dwellings per hectare?		
34. Does the development provide landscape planting that will include native plants and wildlife friendly plants and that will adapt to and help mitigate against climate change?		
Health and wellbeing		
35. Are all habitable rooms, kitchens and work areas adequately daylit and has the development been designed to maximise passive solar gain?		
36. Will private amenity space be provided to all residential units and an unpolluted sitting out area for employees of commercial uses?		

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Management		
37. Will local labour be employed on site?		
38. Will the developer sign up to the Considerate Constructors scheme?		
39. Is a Construction site management plan in place so as to minimise waste and pollution derived from engineering and building works?		
40. Will a Code for Sustainable Homes/ EcoHomes/BREEAM Assessment be carried out? What is the anticipated rating?		