

## Sustainable Design and Construction

Checklist for use with developments over 5 dwellings or over 500m<sup>2</sup> for commercial developments

Subject area and questions	Y/P/N Y=Yes P=Partial N=No	Please state how the development has addressed the issues as set out in the SDC guidelines OR why the development has been unable to address the issues as set out in the SDC guidelines
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### General (chapter 5)

1.	What is the proposed BREEAM/Ecohomes rating for each type of proposed building?		
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### Site issues (chapter 6)

2.	Will the orientation and design of the buildings make maximum use of solar gain and natural day lighting?		
3.	Are any renewable energy technologies being incorporated within the development?		
4.	Has/will an ecological survey of the site been/be carried out?		
5.	Will the ecology of the site be preserved and enhanced?		
6.	Will the development encourage the use of public transport?		
7.	Will the development discourage the use of cars?		
8.	Will cycling be encouraged through safe cycle routes around the site and through the provision of secure cycle storage facilities?		
9.	Will there be a network of safe pedestrian routes around the site and to local facilities?		
10.	Will a travel plan for businesses and schools be developed?		

### Water Systems and Drainage (chapter 7)

11.	Will water saving measures be included?		
12.	Will water saving advice be provided in the purchasers/tenants pack?		
13.	Have opportunities for using rainwater or grey water been assessed?		
14.	Will SUDS be employed on site?		
15.	Will the Councils' requirements regarding foul water drainage be addressed?		

### Energy (chapter 8)

16.	Will insulation standards above Building Regulations be achieved?		
17.	Will heating systems and their controls be specifically designed to reduce energy use?		



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2003-2004

Quality of the Built Environment

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18.	Will community heating be incorporated?		
19.	Will CHP be incorporated?		
20.	Will renewable energy technologies be incorporated?		
21.	Will buildings be ventilated through passive means?		
22.	If being supplied, will A-rated goods be specified?		
23.	Will an NHER of 10/SAP 100+/CI of 8.6 be achieved for dwellings on the site?		
24.	Will the site be signed up to a green electricity tariff?		

<b>Materials (chapter 9)</b>			
25.	Will the development use construction materials with low environmental impact (for example, A rated by BRE's Green Guide to Specification)?		
26.	Will any local suppliers and materials be used?		
27.	Will ozone-depleting materials (in insulation,etc) be excluded?		
28.	Is FSC or PEFC certified or equivalent timber being specified?		

<b>Waste Reduction and Recycling (chapter 10)</b>			
29.	Will a waste minimisation plan be developed?		
30.	Are measures being included to increase the reuse of materials and recycling of waste?		
31.	Are recycling storage and waste separation facilities/space being provided?		
32.	Will Environmental Services requirements regarding waste collection be adhered to?		
33.	Are composting facilities being provided?		

<b>Health and well-being (chapter 11)</b>			
34.	Are low NOx boilers being specified?		
35.	Are healthy materials being specified, such as low VOC or water based paints and natural floor coverings, to improve indoor air quality?		
36.	Will sound attenuation standards for party walls and floors exceed Building Regulations requirements?		
37.	Will extra trees be planted to improve air quality?		

<b>Construction Management (chapter 12)</b>			
38.	Will the developer sign up to the Considerate Constructors Scheme for this development?		
39.	Will local labour being employed on site?		
40.	Will suitable mitigation measures be in place to decrease air pollution during the construction phase?		
41.	Will suitable mitigation measures be in place to decrease water pollution during the construction phase?		