

APPENDIX V - Sustainable Design SPD Checklist

The following checklist corresponds to the questions presented in Chapters 1 – 7 of the SPD.

The checklist provides a framework for applicants in completing Sustainable Design and Energy Statements to accompany planning applications - see figure A1 below for an example.

This will help applicants demonstrate that the most appropriate sustainable design solutions are selected, and provide the local planning authority with a systematic method of assessing whether the proposal meets the relevant planning policies and other requirements.

Users should refer the table on page 11 of the SPD, and to 1-APP for the definitive list of applications where a Sustainable Design and Energy Statement is required.

Figure A1 Checklist example

REF	SPD Question	Internal Use Only
Q 7.2	Is car parking well integrated so it supports the street scene? (BfL 12)	√
	Reference or description	See Sustainable Design and Energy Statement para 3.5
	Internal Use	

Building for Life questions can be identified in the checklist by the initials **BfL**, plus the relevant number. This reference has been provided to enable schemes to be put forward for accreditation under the BfL standard if desired.

Each section includes questions relevant to both residential development and non-residential development. The questions can then be selected that are relevant to the development in hand.

1. Character

REF	SPD Question	Internal Use Only
Q 1.1	Does the scheme feel like a place with a distinctive character? (BfL 8)	
Response		
Reference		
Q 1.2	Do buildings exhibit architectural quality? (BfL 17)	
Response		
Reference		
Q 1.3	Does the scheme exploit existing buildings, landscape or topography? (BfL 7)	
Response		
Reference		
Q 1.4	Is the design specific to the scheme? (BfL 6)	
Response		
Reference		

2. Continuity and Enclosure

REF	SPD Question	Internal Use Only
Q 2.1	Are streets defined by a coherent and well structured layout? (BfL 10)	
Response		
Reference		
Q 2.2	Are public spaces and pedestrian routes overlooked and do they feel safe? (BfL 15)	
Response		
Reference		
Q 2.3	Are private space well designed with respect to their intended user?	
Response		
Reference		

3. Ease of Movement

REF	SPD Question	Internal Use Only
Q 3.1	Does the scheme integrate with existing roads, paths and surrounding development? (BfL 9)	
Response		
Reference		
Q 3.2	Does the building layout take priority over the roads and car parking, so that highways do not dominate? (BfL 11)	
Response		
Reference		
Q 3.3	Are the streets pedestrian, cycle and vehicle friendly? (BfL 13)	
Response		
Reference		
Q 3.4	Does the development have easy access to public transport? (BfL 4)	
Response		
Reference		
Q 3.5	Are transportation routes resilient to changing environmental conditions?	
Response		
Reference		

4. Legibility

REF	SPD Question	Internal Use Only
Q 4.1	Do buildings and layout make it easy to find your way around? (BfL 9)	
Response		
Reference		

5. Adaptability, Resilience and Environmental Sustainability

Q 5.1 – Q5.10 are posed to assess the qualities of all schemes in terms of adaptability, resilience and environmental sustainability considerations. Answering these questions is required for the purposes of this SPD and the achievement of sustainable design in North Northamptonshire. However, for residential schemes, answering Q5.3 – Q5.10 below will assist schemes seeking a positive score the following BfL questions:

BfL 20 - Do buildings or spaces outperform statutory minima, such as Building Regulations?

BfL 5 - Does the development have any features that reduce its environmental impact?

In assessing schemes against the BfL criteria, CABE do not give accreditation for the above questions to schemes that provide a token gesture e.g. the provision of recycling facilities or a water butt. The achievement of a positive score for these questions is considered holistically and in the context of the overall sustainability credentials of particular schemes. As such, answering the following question for the purposes of this SPD will also help schemes make a robust case for the achievement of a positive score for **BfL questions 20 and 5**.

REF	SPD Question	Internal Use Only
Q 5.1	Do internal spaces and a layout allow for adaptation, conversion or extension? (BfL 18)	
Response		
Reference		
Q5.2	Has the scheme made use of advances in construction or technology that enhance its performance, quality and attractiveness? (BfL 19)	
Response	Yes, enhanced insulation and building fabric shall be used along with solar control glazing	
Reference		
Q 5.3	Does the scheme incorporate energy efficient design?	
Response	Yes, all heating & cooling systems shall be high efficiency with natural ventilation utilized wherever possible. LED lighting shall also be used.	
Reference		
Q 5.4	Does the scheme have appropriate water conservation measures?	
Response	Yes, water efficient, low flush appliance shall be installed	
Reference		
Q 5.5	Does the scheme have appropriate flood-risk management strategies?	

Response		
Reference		
Q 5.6	Does the scheme promote waste management and recycling?	
Response		
Reference		
Q 5.7	Does the scheme incorporate green infrastructure and ecological considerations?	
Response		
Reference		
Q 5.8	Does the scheme make use of recycled land and/or material?	
Response		
Reference		
Q 5.9	Are buildings orientated and designed to maximise levels of solar gain, daylight and natural ventilation?	
Response	Yes, teaching areas are kept away from the South façade lessening heat gain & glare.	
Reference		
Q 5.10	Does the development work with the natural features of the site?	
Response		
Reference		

6. Diversity

REF	SPD Question	Internal Use Only
Q 6.1	Does the development contain an appropriate type and mix of uses for its location?	
Response		
Reference		
Q 6.2	Does the development provide (or is it close to) community facilities, such as a school, park, play areas, shops, pubs or cafes? (BfL 1)	
Response		
Reference		
Q 6.3	(In residential schemes) Is there a tenure mix that reflects the needs of the local community? (BfL 3)	
Response		
Reference		
Q 6.4	(In residential schemes) Is there a mix of accommodation that reflects the needs and aspirations of the local community? (BfL 2)	
Response		
Reference		
Q 6.5	Is the density of the built form appropriate for its locations?	
Response		
Reference		

--	--	--

7. Quality of the Public Realm

REF	SPD Question	Internal Use Only
Q 7.1	Is car parking well integrated so it supports the street scene? (BfL 12)	
Response		
Reference		
Q 7.2	Is public space well designed and does it have suitable management arrangements in place? (BfL 16)	
Response		
Reference		
Q 7.3	Does the public realm contribute to the environmental sustainability of the scheme?	
Response		
Reference		