

Appendix D: The Sustainability Checklist

By incorporating more sustainable measures in the design and construction of development the quality of life and the environment in Broxbourne can be significantly enhanced.

Completing the checklist encourages applicants to think about the impact their proposal has on the environment and how it can be improved, often with minimal additional cost. This enables developers, businesses and householders to create more sustainable designs with better long-term benefits for the environment.

Completing the checklist

The checklist will enable the Council to see how sustainability is being considered in new developments from residential extensions to larger housing and non-residential proposals. Please provide as much of the information as possible.

This checklist should be completed and submitted with all planning applications.

The level of detail provided should reflect the type and scale of development. Smaller-scale development may not be able to incorporate all the sustainable measures detailed in the checklist.

Question	Please provide details and any supporting information or clear reasons for not including the measures listed
1. Is the development proposing to exceed the minimum Building Regulations in relation to building construction and energy efficiency?	
2. Will on-site renewable energy be included as part of the development? Does the orientation of buildings maximise opportunities for solar gain? (e.g. Solar, wind power, bio fuels etc.)	
3. Does the development utilise opportunities for ventilation and shading to avoid over heating of buildings? E.g. Brise soleil, tree planting, louvres, canopies and shutters	
4. Will the development as a whole help to reduce carbon emissions and energy usage? If so, how?	
5. Will the development enable opportunities for growing food?	
6. Will locally sourced materials be used in the development?	

Question	Please provide details and any supporting information or clear reasons for not including the measures listed
7. Will the development incorporate recycling or composting facilities on site?	
8. Will rainwater harvesting/collection systems be installed? <i>For example, for householder extensions are water butts going to be installed?</i>	
9. How has the development considered incorporating wild flower turf instead of grass turf? Is land to be set aside for nature?	
10. How will the development maximise the use of sustainable materials and construction methods in line with Local Plan Policy DSC5: Sustainable Construction? For full policy text please see here	
11. For all major developments, how is it demonstrated that the proposal has considered Local Plan Policy W3: Water Efficiency? For full policy text please see here	
12. Where proposals include new lighting, how is it demonstrated that the proposal has considered Local Plan Policy EQ3: Lighting? For full policy text please see here	
13. What is the development's impact on air quality and how will any adverse effects on air quality be mitigated? Applicants are advised to see Local Plan Policy EQ2: Air quality to inform their response. For full policy text please see here	

Question	Please provide details and any supporting information or clear reasons for not including the measures listed
<p>14. Does the development encourage active or green travel? e.g. walking, cycling, scootering, public transport</p>	
<p>15. Does the development include provision for active EV charging points in line with Local Plan Policy TM4: Electric Vehicle Charging Points</p> <p>For full policy text please see here</p>	
<p>16. Does the building fabric incorporate small scale wildlife habitat creation?</p> <p>E.g. Bird boxes and bee bricks</p>	
<p>17. Will the development result in net gains to biodiversity in line with Local Plan Policy NEB1: General Strategy for biodiversity</p> <p>For full policy text please see here</p>	
<p>18. Has the proposal considered incorporating green roofs as part of the development?</p>	