Annex 3 – Detailed scope of Carbon Reduction, Renewable Energy and Sustainable Design and Construction SPD

Taking into consideration the policy context and best practice examples, the scope of the SPD will incorporate individual topics, setting out the individual checklist applicants should refer to, including requirements for submissions and our advice to designing the requirements.

It is anticipated that this SPD can be split into two parts; Firstly dealing with guidance in relation to the energy efficiency, renewable energy and sustainable design and construction and secondly presenting a checklist for applicants to demonstrate compliance with the policy approach.

The approach suggested for the SPD is as follows:

Part 1: Guidance	
1. Importance of Urban design to Climate change, carbon reduction and renewable energy	
Context	Narrative exploring the important interrelationship between design and sustainable design and construction. This will provide background detail to following requirements.
2. Mechanisms for Securing delivery	
S106	Guidance on when S106 is applicable and potential outline of the process
Planning conditions	Guidance on types of conditions that may be imposed on development
3. Energy Efficiency and Renewable Energy	
Policy Context	Applicable planning policy
Energy Efficiency	Setting out guidance and level of detail proportionate to the scale and type of development relating to topics of: • Energy efficiency measures • Construction standards including Passive House/ BREEAM / CEEQUAL • Modern construction methods

Renewable Energy	Set out guidance and level of detail proportionate to the scale and type of development relating to topics of: • Renewable energy • District heating
Energy Statement Requirements	Provides guidance regarding how to demonstrate and quantify how development will comply with policy energy requirements – 28% reduction overall and 19% from building fabric. Split into application lifecycle stages to ensure stages are clear. Information to include demonstration of Existing evidence Evidence for all criteria Unambiguous assessment Robustness
4. **Sustainable Design and Construction**	
Policy context	Sets out requirements and level of detail proportionate to the scale of development. Also sets importance for consideration of these elements in design process.
Climate change adaptation	Wider design consideration interrelated with adapting to climate change, including • Green Infrastructure • Overheating • materials
Water efficiency	Wider consideration for reducing consumption and SuDs
Construction waste	Guidance regarding managing construction waste through the process and sign posting to JMWP.
Sustainability Statement Requirements	Guidance setting out expectations and information to include in a sustainability statement.
Part 2: Checklist	
General	Questions and a proposed format for applicants to consider in preparing applications split into types of development. Definitions required for scale of development and when applicable.
Checklist Criteria & Guidance – Residential and Non-residential Development	

Energy/CO2	To conserve energy, in particular carbon dioxide emissions and maximise the use of energy efficient techniques.
Water	To improve efficiency in the use of water, conserve water resources and minimise vulnerability to flooding.
Materials	To retain local character and promote the use of materials with a low environmental impact.
Surface Water Run-off	To reduce flooding, pollution and other environmental damage.
Waste	To minimise the production of waste and maximise re-use and recycling.
Pollution	To minimise damage to the environment through air, ground surface water, land, noise or light pollution.
Heath & Well-being	To improve the quality of life in homes through good daylighting, improved sound insulation, provision of outdoor space with good accessibility. Also to ensure a good quality amenity level is afforded to occupants of non-residential buildings.
Management	To manage the site in an environmentally and socially considerate manner.
Land use and Ecology	To retain, protect and enhance wildlife habitats and natural features.
Innovation	To recognise innovation in the field of sustainability.
Monitoring	
Approach to how the council will seek to monitor the information provided through applications.	