

SOUTHAMPTON CITY COUNCIL SUSTAINABILITY CHECKLIST 2012

Site Address:

Check list submitted by:

Dated:

All planning applications for developments of either new build or conversion with a floor space of 500m²; or one or more residential units are required to complete this checklist.

The sustainability of the development should be addressed at the earliest possible stages. Factors such as layout, orientation and design must be carefully considered in order to ensure that sustainability is maximised and policy CS20 requirements are met. The sustainability of the development is an important factor in deciding if the development is acceptable, therefore this information must be provided upfront as policy CS20 may not be met if it has not been considered at planning application stage.

Please refer to policy CS20 in the Core Strategy for further detail on the sustainability requirements.

Section 1: Code for Sustainable Homes and BREEAM

New build residential must meet Code for Sustainable Homes Level 4.
New build non-residential over 500m2 must meet BREEAM Excellent.

Please select one of the following:

- A. The development is not a new build therefore does not have to meet this requirement
- B. The development is non-residential under 500m2 therefore does not have to meet this requirement
- C. The development is new build residential and a Code for Sustainable Homes pre-assessment estimator has been submitted to demonstrate the development has been designed to meet the requirements
- D. The development is new build non- residential over 500m2 and a BREEAM pre-assessment estimator has been submitted to demonstrate the development has been designed to meet the requirements

Section 2: Low Carbon and Renewable Energy Sources

Conversions of 500m² and over where non-residential and one or more dwellings where residential must demonstrate the following CO₂ savings through low carbon or renewable energy sources or over minimum part L Building Regulations

Development type	Low Rise Residential	4 Storey + Residential	Schools/ Colleges	Offices	Light Industrial / Other
Minimum CO ₂ emission reduction required	20%	15%	15%	15%	12.5%

Please select one of the following:

- A. The development is a new build and information on the energy strategy has been included in the pre-assessment estimator submitted and on the plans
- B. The development is a conversion to non-residential under 500m² and therefore does not have to meet the requirement
- C. The development is a conversion meeting the criteria above and the following strategy is proposed to meet the required CO₂ savings:
 - i) Wall insulation, please provide detail:
 - ii) Floor insulation, please provide detail:
 - iii) Roof insulation, please provide detail:
 - iv) Replacement windows, please provide detail:
 - v) Draught proofing, please provide detail:
 - vi) Boiler and heating system upgrade, please provide detail:
 - vii) Renewables, please provide detail:
 - viii) Other, please provide detail:

Section 3: Sustainable Drainage Systems and Green Infrastructure

SUDS measures must be fully integrated with the overall plan for a development at an early stage to ensure that the maximum benefits are achieved and, most importantly, SUDS measures are not added after the key elements of the development layout have been determined. When this is achieved land-take is accounted for early and the SUDS features are invariably less costly to construct and are more effective as a drainage system.

- i) Will water consumption be reduced through the use of water efficient appliances and low water flow fittings?
- ii) Does the development incorporate facilities for rain water and/or grey water recycling?
- iii) Have Sustainable Urban Drainage Systems been included in the development design?
- iv) If yes, please detail which of the following have been incorporated
 - Water butts, number and volume of units
 - Green roof, % cover
 - Permeable pavements, % of Hard Standing
 - Swales and basins
 - Infiltration trenches and filter drains
 - Ponds and wetlands
- v) The Green Space Factor Tool can be used to demonstrate suitable green infrastructure has been included in the development.

Further guidance and the tool itself can be found here:
www.southampton.gov.uk/sustainability

Has the tool been included?