Sustainability Checklist

STOCKPORT
METROPOLITAN BOROUGH COUNCIL

Sustainability is not an alternative name for environmental responsibility - it is a far broader goal that supports local communities, encourages economic prosperity and protects the environment for future generations.

This Sustainability Checklist is designed to help developers and building professionals working in Stockport to evaluate the sustainability of their projects. The 8 topics cover Location & Transport, Site Layout & Building Design, Materials, Waste, Energy, Water, Landscape & Biodiversity and Health & Well Being, mirroring the structure of design standards such as Code for Sustainable Homes or BREEAM.

The support document to this Checklist is the Council's **Sustainable Design and Construction Supplementary Planning Document (SPD)** which is laid out in the above topic format. How to achieve the items in the checklist is explained in detail in the SPD. This document provides free advice and resource information on the various options outlined in the Checklist and can be downloaded from this part of the Council's website under Related Documents on the right of the page:

www.stockport.gov.uk/planningsustainabledevelopment

You can dip into the SPD guidance accessing the information on the topic area of your choice, or read the whole document for detailed guidance on applying sustainable design and construction principles.

Completing the Checklist:
Go through the questions answering Y or N in the relevant boxes - DO NOT PUT ANSWERS IN THE GREY BOXES. In the second column, those response boxes marked gold mean that if the answer to the question is Y then it is a gold scoring Y, subject to the instructions in those boxes. Some of the questions will only score gold if both or some of the options are answered yes - please read the instructions in the gold score column carefully.

When you have answered all the questions, total up the number of Yes responses in the score box at the bottom of the table. If the overall score is under 45 then the highest Standard achieved will be Silver. If the overall score is 45 or over then a minimum of 23 golds are required to achieve Gold Standard - otherwise Silver Standard has been achieved. Add up the number of gold scores by using the second column to note those Y's which score a gold - a gold is scored for each item - e.g. if the gold requires yes to two options and both are yes then two golds are scored. See below for how the score will be converted into the relevant standard level.

On completion, the document can be saved and/or a printed copy can be kept on record with the project details. For ease of completion and submission an Excel version is available on request by emailing planning.policy@stockport.gov.uk or phoning 0161 474 4385.

	Y/N
To complete the form, enter a "Y" or "N" into the relevant boxes	Y

The scoring is evaluated as follows to allow one of the following standards to be applied to the project:

Gold	Score 45 or above with a minimum of 23 gold scores
Silver	Score 25 or over
Bronze	Score 15 to 24

Project: Proposed Development of up to 200 New Dwellings at Station Road, Land at Station Road, Reddish

Location: Station Road, Reddish

DC Ref Number:

Case Officer:

Topic	Question No	Question	Y/N	Gold Score
Location & Transport	1.0	Are issues of sustainability being considered at the inception, feasibility or outline proposals stages?	Y	
	1.1	Does the development take either of the following into consideration?		
		Flood risk	Y	gold if both
		Permeable Paving	Y	
	1.2	Is the development designed to Building for Life Standard?	Y	gold if B4L score is 12
	1.3	Is the development on a brownfield site?	Partially	
	1.4	Does the development bring back into use an existing building that is derelict or has been vacant for over a year?	N	
	1.5	Does the project have long term flexibility designed in to allow for changes of use in the future?	Y	
	1.6	Does the development take Urban Heat Island effects into account?	N	
	1.7	Has a Travel Plan been undertaken?	Y	
	1.8	Are public transport improvements required and/or provided by the development?	Y	
	1.9	Are options for integrated sustainable transport networks included in the development?	Y	
	1.10	Does the development include the provision of adequate and safe cycle parking facilities?	Y	Gold if both
	1.11	Are showering and clothes drying facilities for cyclists and pedestrians included in the design?	N	
Site Layout & Building Design	2.0	Does the design take any of the following into account?		
		passive solar design	Y	gold if all 3
		natural daylight	NO - tbc	
		natural ventilation	Y	
	2.1	Are Sustainable Building Standards being used for design and delivery of the project?		
		Code for Sustainable Homes		GOLD if one of the four is yes
		Lifetime Homes		
		BREEAM		
		CEEQUAL		
	2.2	Are green roofs and/or living walls integrated into the development?	NO	
	2.3	Are flexible and adaptable ICT opportunities reflected in the design?	Y	
	2.4	Does the development have long term flexibility designed in to allow for changes of use in the future?	Y	
	2.5	Do housing developments include work space within the dwelling design?	Y	

Materials	3.0	Does the contractor selection process take into account Environmental Performance Assessments or proven environmental performance?	N/A	
	3.1	Will the development use Life Cycle Assessment processes to assess proposed materials?	Y	
	3.2	Are any of the following materials going to be re-used / recycled from the site		
		Aggregates	N/A at this stage	Gold if more than 75% of any material is re-used
		Masonry Products	N/A at this stage	
		Timber	Y	
		Other	N/A at this stage	
	3.3	Are any of the following materials going to be re-used/recycled entirely from another source within 50km?		
		Aggregates	N/A at this stage	
		Masonry Products	N/A at this stage	
		Timber	N/A at this stage	
		Other	N/A at this stage	
	3.4	Are any of the following new 'virgin' materials going to be derived entirely from local sources (within 50km)?		
		Aggregates	N/A at this stage	
		Masonry Products	N/A at this stage	
		Timber	N/A at this stage	
		Other	N/A at this stage	
	3.5	Do the materials used take into account the likely refurbishment cycle?		
	3.6	Will soil be re-used and/or prepared to BS Top Soil Standard?		
Waste	4.0	Has a Site Waste Management Plan been prepared?	No - Not yet	
	4.1	Project includes segregation and storage zones for collection of recyclable wastes		
		During Construction		gold if both Y
		In Use	y	
	4.2	Have composting facilities been included in the development?	N	
Energy	PLEASE NOTE THIS ITEM IS NOT SCORED	If the development triggers the Council's climate change policy thresholds please state for the record the percentage target achieved:		
	5.0	Which energy saving measures have been included in the design?		
		Establish or connect to district heating	NO	
		Insulation levels above building regulations requirements	Y	
		Designed to Passivhaus standard	NO	
		Designed to Active House standard	NO	
		Energy efficient options for lighting	Y	
		Energy efficient options for heating/cooling	Y	
		Energy efficient options for ventilation	Y	
		Combined Heat & Power Provision	NO	
	5.1	Are Renewable or Low Carbon Energy options included in the development?		
		Biomass	NO	
		Solar Photovoltaics	Y	
		Solar Thermal Hot Water	NO	
		Wind	NO	
		Hydro	NO	
		Heat Pumps	Y	
	5.2	Have minimum AAA rated White Goods been specified for the development?	Y	
	5.3	Has a green tariff energy supply been selected from a supplier for at least 12 months?	Y	
	5.4	Has Smart metering been included in the design?	Y	
	5.5	Has a Building Management System been included in the design?	N	
Water	6.0	Does the design include sustainable urban drainage systems?	Y	
	6.1	Does the design include low water consumption devices such as:		
		rainwater collection		3 or more Y's scores gold
		greywater recycling		
		dual flush toilets	Y	
		waterless urinals		
		spray taps		
		water saving showers	Y	
		tapered or peanut shaped baths		
		water saving white goods	Y	
		low water use gardens / dry gardens		
Landscape & Biodiversity	7.0	Is new or additional open space being provided as a result of the development?	Y	
	7.1	Does the design take account of Landscape Character Assessment?	Y (Ongoing)	
	7.2	Does landscaping make use of native plant species?	Y	
	7.3	Have habitats been maintained or newly formed?	Y	
	7.4	Has landscaping contributed to sustainable urban drainage provision?	Y	
	7.5	Where required, are linear areas being planted to enable species migration?	Y	
	7.6	Has the landscape been designed to achieve low maintenance and low resource intensive outcomes?	Y- As far as possible	
	7.7	Has planting been used as part of security provision on site?	Y	
Health & Wellbeing	8.0	Does the design include occupant controls and management of individual areas for thermal comfort and lighting levels?	TBC	
	8.1	Has noise from internal and external sources been appropriately assessed and modelled to inform design processes?	Y	
	8.2	Do any fluorescent lights used have high frequency ballasts in to reduce flicker?	TBC	
	8.3	Has specification of internal finishes and furnishings taken into account Volatile Organic Compounds?	TBC	
	8.4	Have you done a Health Impact Assessment and submitted it for validation to Stockport's Director of Public Health?	N	
		Score	39	

Any comments on the project can be made on an additional sheet.