Assessment schedule ref Land to the West of 15 Lincett Avenue, Worthing, West Sussex. BN13 1AX

Ref WB/08/0294/FULL

June 2010

Sustainability assessment with respect to the proposed development and assessment of sustainable design principles covering performance in nine key areas listed below:

Area	Comment	Land to the West of 15 Lincett Avenue
1) Energy and Carbon Dioxide Emissions		
Dwelling Emission Rate	Dwelling Emission Rate (DER) and Target Emission Rate (TER) to be achieved.	To be addressed reference Building control submission as per Document L1A with all criteria to 'PASS'
Building Fabric	To future proof the energy efficiency of dwellings over their whole life by limiting heat losses across the building envelope	The dwelling is end of terrace and to achieve L1A compliance in achieving good insulation values and for contractor to be mindful of achieving good air tightness.
Internal Lighting	To encourage the provision of energy efficient internal lighting, thus reducing the CO2 emissions from the dwelling	40% of the fixed internal fittings to be dedicated as energy efficient fittings, capable of only accepting lamps having luminous efficacy greater than 40 lumens per circuit Watt. Lighting to be zone controlled
Drying Space	To provide a reduced energy means of drying clothes	Secure space designated to rear garden / amenity area for drying clothes

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Energy Labelled White Goods	To encourage the provision or purchase of energy efficient white goods, thus reducing the CO2 emissions from appliance use in the dwelling	Information on the EU Energy Efficiency Labelling Scheme of efficient white goods is to be provided. Houlder to be advised to utilize fridge/freezers A+ rated, Washing machines A rated ,Washer dryers B rated , appliances , or where developer provider such rated appliances to be provided
External Lighting	To encourage the provision of energy efficient external lighting, thus reducing CO2 emissions associated with the dwelling	Security light fittings to be energy efficiency maximum wattage of 150W PIR controlled and daylight cut-off sensors
Cycle storage	Cycle storage is provided	Secure cycle storage area to be provided
2) Water		
Internal Potable Water Use	To reduce the consumption of potable water in the home	Dual WC system to be provided
External Water Use	To encourage the recycling of rainwater and reduce the amount of mains potable water used for external water uses	Rainwater butt to be provided to collect rainwater for external/internal irrigation
3) Materials		
Environmental Impact of Materials	The following five key elements Roof External Walls Internal Walls Upper and Ground Floors Windows achieve a relevant Green Guide rating of A+ to D The Green Guide (2007)	Building products to be selected on performance, durability , suitability and environmental considerations as per "cradle to grave" profiles including raw material extraction, manufacture, distribution, in-use performance and disposal by taking into account the Eco-Points score to where ever possible to achieve a high rating reference the Green Guide so to evaluate the environmental impact and carbon footprint
Responsible Sourcing of Materials - Basic Building Elements	To recognise and encourage the specification of responsibly sourced materials for the basic Building elements.	Materials to be from reputable source / supplies
4) Surface Water Run-off	To encourage developments in areas with low risk of flooding or, if development are to be situated in areas with a medium or high risk of flooding, that appropriate measures are taken to reduce the impact in an eventual case of flooding.	The dwelling is located in an area of low annual probability of flooding

5) Waste	**Household Waste Storage and Recycling Facilities**	To recognise the importance of having adequate internal and external storage space for waste to enable its appropriate management
	Composting	To encourage developers to provide the facilities to compost household waste, reducing the amount of household waste sent to landfill.
6) Pollution	**Global Warming Potential (GWP) of Insulants**	insulating materials in the elements Roofs Walls Floors Hot water cylinder, pipe insulation:. External Doors of the dwelling listed below avoid the use of substances that have a GWP equal or greater than 5
7) Health & Well being	**Daylighting**	To improve the quality of life in homes through good daylighting and to reduce the need for energy to light the home.
	Sound Insulation	To ensure the provision of improved sound insulation to reduce the likelihood of noise complaints
	Private Space	To improve the occupiers' quality of life by providing an outdoor space for their use, which is at least partially private.
8) Management	**Home User Guide**	To recognise and encourage the provision of guidance to enable home owners/occupiers to understand and operate their home efficiently and to make the best use of local facilities
	Considerate Contructors Scheme	To recognise and encourage construction sites managed in an environmentally and socially considerate and accountable manner
	Security	To encourage the design of developments where people feel safe and secure; where crime and disorder, or the fear of crime, does not undermine quality of life or community cohesion.

The space has been allocated for waste storage and for recycling containers	
Site Waste to be minimized \ recycled and re used where ever possible.	
Home composting facilities to be recommended to the occupiers - to \ within the rear garden.	
Widows \ doors and insulation to achieve part L1A compliance	
The kitchens, living rooms, bedrooms and bathroom all benefit from natural daylight	
Standards of sound insulation to meet Approved Document E of the Building Regulations	
rear amenity space has been provided	
Home User Guide to be available in alternative accessible formats with info on - Environmental strategy\design and features, Energy, Water Use, Recycling and Waste, Public Transport & Local amenities.	
Construction to be restricted to working hours and to managed in an environmentally and socially considerate manner.	
The development to follow the principles of Secured by Design, to seek to achieve a safer and more secure environment.	