

SUSTAINABLE DEVELOPMENT CHECKLIST



Development at:
Proposed development:

Applicant:
Agent:

SUSTAINABLE DEVELOPMENT CHECKLIST	✓
ENERGY: The energy used to heat, cool and provide power to buildings accounts for a significant proportion of global CO2 emissions (Local Plan policy links: SDP13 SDP14).	
Energy efficiency to reduce demand	
Does the building fabric exceed minimum building regulations for thermal efficiency?	
Do all appliances and fittings meet energy efficient standards ('A' rated for electrical appliances)?	
On-site renewable energy	
Has a feasibility assessment of renewable technology options (to include solar thermal and PV, wind, biomass, and/or Combined Heat & Power) been conducted?	
Have any of the above features been integrated into the development design (if not, justification on the grounds of the feasibility assessment outcome will need to be provided)?	
Space heating and cooling and hot water	
Does the building design utilise passive solar gains and shading/passive ventilation?	
Will the development be connected to district heating/cooling infrastructure for space heating and hot water?	
WASTE: Unsustainable patterns of consumption result in an increasing amount of municipal waste going to landfill (Local Plan policy links: SDP13).	
Reduce	
Have measures been put in place to ensure minimal levels of packaging and waste during construction?	
Will excess construction materials be returned to the supplier?	
Reuse	
Have opportunities been sought to integrate reclaimed and/or recycled materials from construction processes into building design?	
Recycle	

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Has a waste management strategy been produced to demonstrate the location and management of recycling facilities, both during and post construction?	
Will the development enable high levels of recycling and composting (with the ultimate aim of zero waste to landfill)?	
Does the unit layout provide sufficient space for rubbish bins to facilitate easy source segregation of waste during operation?	
<p>TRANSPORT: Motor vehicle traffic accounts for an ever increasing amount of energy consumption and associated emissions, contributing to global warming and air pollution. Although fuel and emission efficiency has improved, vehicle ownership and distances travelled have dramatically increased (Local Plan policy links: SDP2 SDP3 SDP4 SDP5 SDP11 SDP15).</p>	
Public transport	
Does the development encourage the use of public transport (e.g. situated in a high accessibility area - see Southampton Local Plan Accessibility Map)?	
Personal transport	
Does the development discourage personal car use?	
Are sufficient on site facilities provided for cyclists?	
Has a Travel Plan been developed for the site?	
Green fuels	
Does the site provide any facilities for electric, hybrid, hydrogen and/or bio-diesel fuelled vehicles?	
Air Quality	
Is the development within an Air Quality Management Area?	
Is the development within 100m of an Air Quality Management Area?	
<p>MATERIALS: The manufacturing, transportation and disposal of materials impact on the environment. Using sustainable building methods and materials can have performance benefits (Local Plan policy links: SDP13).</p>	
The materials	
Has a Life Cycle Analysis methodology been used to inform material specification for the lowest impact material?	
Does the development design incorporate recycled and/or reclaimed materials to minimise levels of embodied CO ₂ ?	
Will locally sourced materials be used wherever possible to reduce transportation impacts?	
Will renewable materials from sustainably managed sources (FSC certified timber) be used?	
Building design	
Does the development utilise previously developed land and/or bring existing buildings back into use?	
Have buildings been designed on a long life principle for future adaptability in reuse?	

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<p>WATER: Domestic water consumption in the UK is growing at an unprecedented rate and many regions are already in short supply (Local Plan policy links: SDP13 SDP20).</p>	
Reducing demand	
Does the development design incorporate water efficient appliances and low water flow fittings?	
Increased reuse	
Have opportunities been taken to treat waste water and collect rain water on-site for reuse?	
Managing flood risk	
Is the development designed to withstand and adapt to potential impacts of climate change such as sea level rise and storm surges?	
Is the development in an area identified as a flood risk?	
Has a flood risk assessment been carried out?	
<p>CULTURE & HERITAGE: Sustainable development should conserve our valuable culture and reflect social diversity (Local Plan policy links: SDP7).</p>	
Cultural heritage	
Will buildings and sites of archaeological/geological value be safeguarded, and features of interest preserved where possible?	
Will the area be developed with sensitivity to the history of the site, with interpretation of history and heritage included wherever possible?	
Local character	
Will the development generate local job opportunities?	
<p>HEALTH: There is a proven correlation between the state of our natural and built environment and our health and well being. Local Plan policy links: CLT5</p>	
Healthy lifestyles	
Will measures be provided to improve opportunities for and access to welcoming and safe public open space?	
Healthy environment	
Have levels of daylighting, ventilation, sound insulation and private space been included in building design above and beyond current standard practice?	
Does the development design create a healthy indoor environment by ensuring use of toxic materials is eliminated?	

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NATURAL HABITATS & NATURE CONSERVATION: Unchecked development can cause natural habitat destruction and result in species loss at a local level (Local Plan policy links: SDP12 NE1 NE2 NE3 NE4).	
Ecological value	
Has wildlife potential been protected through provision and enhancement of open spaces?	
Have designated sites of nature conservation value been safeguarded?	
Landscaping & site management	
Does the proposed landscaping reflect the character of the locality?	
Will native trees and shrubs be used for wildlife corridors?	
Will a management plan be produced to ensure commitment to ongoing management and sustainable land use?	

Signed:

Dated: