

Taunton Garden Town - Design Checklist:

Climate + Planet Positive

Vision Theme

TGT primary + secondary questions

assessment



Garden Town Characteristics

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13. Building with Nature					
Have the Core Standards been met?					This is essential as a base standard
Have the Wellbeing Standards been met?					Accessibility to good quality greenspace is a key characteristic of the Garden Town.
Have the Water Standards been met?					Water quality within the landscape of the Garden Town should be excellent.
Have the Wildlife Standards been met?					Bio-diversity increases are an essential theme

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14. Energy Conservation + Carbon Reduction					
Is energy demand minimised across the development?					Garden Town project are expected to significantly reduce energy consumption
Does the development achieve a carbon reduction improvement of at least 19% over Part L of the Building Regulations 2013?					Garden Town projects are expected to be consistently performing better than the national standards for carbon reduction.
Is energy demand minimised within the buildings?					A 'fabric first' strategy for energy conservation is strongly encouraged including 'passiv-haus' standards where appropriate.

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15. Renewable Energy					
Are opportunities for site-wide energy solutions being effectively harnessed?					Where reasonable and opportunities exist for site-wide energy solutions (e.g low carbon heat networks, private wire renewable energy generation etc.) then these should be explored and pursued unless more effective and viable solutions exist.
Does the development maximise opportunities to meet energy demands from renewable or low carbon sources?					Any remaining carbon reduction requirements should be met by on-site renewable or low carbon energy generation (e.g. roof-mounted solar PV panels).
Does the development perform as expected?					Post-occupancy evaluation and monitoring is expected.

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16. Resources + Resilience					
Is there evidence of recycled / locally-sourced materials being used?					Specifications should fully explore whether alternative low-environmental impact options are available without reducing build quality.
Can rainwater be actively conserved?					The Garden Town should attempt to be self-sufficient in terms of water used for irrigation / gardening purposes.
Has whole life-cycle material performance influenced the specification?					Robust and resilient / durable materials are encouraged, or where these have a limited lifespan, that they can be obtained from renewable sources.
Are systems in place to minimise landfill waste during construction?					The process of construction should be carefully controlled to be as efficient in resource use as possible and may include off-site construction techniques, MMC, etc.