

CONSIDERATION COURTESY COMMUNITY CARE

Our construction team takes pride in setting our standards by these watchwords. If you feel we do not live up to them, please email us at post@marldon.net, or call us at our head office on 020 7627 7600.

Environmental Newsletter

• Sustainability:

Building a sustainable future: Sustainable construction aims to meet present day needs for housing, working environments and infrastructure without compromising the ability of future generations to meet their own needs in times to come. It incorporates elements of economic efficiency, environmental performance and social responsibility – and contributes to the greatest extent when architectural quality, technical innovation and transferability are included.

Sustainable construction involves issues such as the design and management of buildings; materials performance; construction technology and processes; energy and resource efficiency in building, operation and maintenance; robust products and technologies; long-term monitoring; adherence to ethical standards; socially-viable environments; stakeholder participation; occupational health and safety and working conditions; innovative financing models; improvement to existing contextual conditions; interdependencies of landscape, infrastructure, urban fabric and architecture; flexibility in building use, function and change; and the dissemination of knowledge in related academic, technical and social contexts.

Marldon's Commitment: Marldon are committed to achieving the most sustainable development possible given the constraints of the project. We are aiming to achieve an 'Excellent' rating under

BREEAM[®], the world's leading sustainability assessment method for master-planning projects, infrastructure and buildings.

- **BREEAM**[®] Assessments process the evaluation of the **Procurement, Design, Construction** and **Operation** of a development against targets that are based on performance benchmarks.

Assessments are carried out by independent, licensed assessors, and developments rated and certified on a scale of **Pass, Good, Very Good, Excellent** and **Outstanding**.

BREEAM measures sustainable value in a series of categories, ranging from energy to ecology. Each of these categories addresses the most influential factors, including low impact design and carbon emissions reduction; design durability and resilience; adaption to climate change; and ecological value and biodiversity protection. Within every category, developments score points – called credits – for achieving targets, and their final total determines their rating.

Scheme scoring under BREEAM:

	Current Scoring:
- Management	10.86
- Health & Wellbeing	9.17
- Energy	10.91
- Transport	9.00
- Water	3.11
- Materials	10.61
- Waste	6.38
- Land Use & Ecology	9.00
- Pollution	4.62
- Innovation	1.00

TARGET	70	CURRENTLY ACHIEVING	74.64
			EXCELLENT'

MARLDON AND SUSTAINABILITY



Sustainability is all about responsibility

– recognising that the resources of the world are finite, and that those who use them are responsible for ensuring that they remain for future generations.

At Marldon, we passionately believe that sustainability means taking a considered approach that examines our effect on the natural environment and the community in which we live and work.

So what do we do to contribute? Many of the consultants on our team ensure that the effects of our projects on the local and wider environment are minimised. These include:

- Sustainability experts advising on best practice;
- Mechanical and Electrical Engineers advising on fuel sources and minimising energy usage and natural resources;
- Air quality experts who tell us how best to ensure the building minimises pollution;
- Sound consultants measuring the effect of the project and the development upon the local community
- Traffic experts minimising the effect of associated transport and analysing the impact of our workforce and the occupants upon the local transport infrastructure
- Ecologists looking at our impact upon the natural environment and suggesting ways of bringing back biodiversity in to the built environment



WASTE

Our waste and recycling policy on average has resulted in **98%** of materials being recycled.

PROCUREMENT:

Our Procurement Strategy is to look for products sustainably sourced and accredited – especially our timber, assisted by our Joinery Department.

All timber is FSC Certified.

UK MANUFACTURING:

We aim to use products not just made in the UK but produced by UK manufacturers, so that the transport connected with our supply chain is minimised and so that we use our projects to invest in the jobs and industry associated with revival of UK manufacturing and UK business.