Approach

Working with the design team Sustain 3D offer clients a design based environmental consultancy from the earliest stage of the construction process, which is aimed at maximising the benefits of a project’s environmental context, the use of appropriate construction techniques, and the careful selection of renewable materials.

We are concerned with driving down energy use and cost through the promotion of robust sustainable design principles. Our target is to achieve the highest possible standard of environmental design with minimum reliance and expenditure upon technological investment by adopting a fabric first approach.

We constantly seek zero-energy, zero-environmental impact solutions and will not tolerate waste in the design, construction or future life of our projects.

Practice

Sustain 3D has been established in response to the need to ensure buildings are purposely designed to have the least possible effect on the environment throughout their lifespan.

With the advent of standards such as the Code for Sustainable Homes and BREEAM, increasing reliance has been placed upon the use of technology to meet the assessment criteria. Sustain 3D offer an integrated design and technical service which aims to harness the natural and renewable energy sources which may be derived from building design and location.

By instigating a cyclical process of design and technical evaluation from the outset, Sustain 3D progressively develops a series of practical proposals which target zero impact on the environment. Client feedback has demonstrated that this design-led but integrated approach to environmental design successfully leads to an informed and well balanced building design solution.

Further Information

For further Information regarding any of our services please contact:

Sustain 3D
Tel: 01325 310404
Email: pauldodds@sustain3d.com
Our Services

Sustain 3D offer a serious and experienced approach to minimising energy and CO₂ emissions in both, new build and refurbishment projects, our team of fully qualified and accredited professionals provide a comprehensive nationwide service to Architects, Building Services Engineers, Developers, Surveyors, Local Authorities, Registered Social Landlords and Estate Agents for:

- SAP Calculations
- On Construction Domestic Energy Performance Certificates
- Code for Sustainable Homes Assessments
- SBEM Calculations
- Commercial Energy Performance Certificates
- Dynamic Thermal Simulation Modelling (IES Modelling)
- BREEAM Assessments
- Water Efficiency Calculations
- Low or Zero Carbon (LZC) Technologies Feasibility Studies
- Renewable Energy statements
- Part L 2010 Reports
- Feed-in-Tariff (FITS) Reports
- CSH Ene07/BREEAM Ene04 Reports

In association with BES Consulting Engineers: Our associate Mechanical and Electrical Design Consulting Engineers:

- Full Mechanical and Electrical Design Consultancy Services

Our assessors are accredited with the NHER, BRE Global, and Stroma Certification to provide low carbon design assessment and advice as well as other sustainable design help specifically tailored to meet your project needs no matter what its size. We have extensive experience in a wide range of sectors including residential, office, hotel, retail, education, community and healthcare buildings.

We are an independent provider offering nationwide coverage. We pride ourselves on our great Service, Reliability & Flexibility - the reason why most of our business is repeat-business or by recommendation.
SAP Calculations

Sustain 3D provide SAP Calculation Assessments for domestic properties, give us a call or email and we will be more than happy to provide you with a quote.

SAP is the Government’s Standard Assessment Procedure for Energy Rating of Dwellings. It is used to demonstrate compliance with Part L (Conservation of Fuel and Power) of the Building Regulations, for dwellings in England and Wales by providing a SAP rating.

Building Regulations Part L 2010 (SAP 2009)

The Approved Documents for Part L are now contained in the Building Regulations 2010, which came into effect on 1st October 2010. The regulations contain new energy performance requirements for work notified to building control bodies on or after 1st October 2010. The annual carbon emission rate of the dwelling is calculated using SAP 2009. Sustain 3D can provide Standard Assessment Procedure Calculations for both SAP 2005 and SAP 2009 ratings. We also produce On Construction Energy Performance Certificates for new build dwellings.

Why Choose Sustain 3D For Your SAP Calculations?

We offer a National SAP Calculation Service that’s affordable, quick & simple.

If you have a single dwelling please view our Single SAP Price List.
If you are a volume house builder please view our SAP Calculation volume price list.

Our prices include:

- Design Stage SAP Calculations
- Predicted Energy Certificate
- U-value calculations
- As Built SAP Calculations
- Energy Performance Certificate

8 reasons to use Sustain 3D for your SAP Calculations:

- Our fees are very competitive.
- We offer very quick turnaround times. (24 to 48 hours)
- We perform SAP 2005 and SAP 2009 calculations.
- We provide an evidence gathering form to make SAP calculations easier and quicker.
- We offer discounted prices for multiple SAP Calculations.
- Our SAP assessors are experienced in SAP Calculations and CSH compliance.
- U-value calculations are included in our fixed price SAP quotations.
- We can offer a guaranteed pass option for design stage SAPs.
Code for Sustainable Homes Assessments

Sustain 3D provide Code for Sustainable Homes Assessments for domestic properties across the UK, give us a call or email and we will be more than happy to provide you with a quote.

Code assessments can only be carried out by qualified, licensed and registered Code Assessors. Sustain 3D employs suitably qualified, licensed and registered Code Assessors, so you can be confident that your assessment will be dealt with by a fully licensed and experienced professional.

Why Choose Sustain 3D For Your Code for Sustainable Homes Assessments?

Sustain 3D’s experienced and fully qualified Code Assessors are able to offer a Code for Sustainable Homes Assessment service throughout the whole of the UK. For more information as to how our Company can assist on your project please enquire with your project by calling us or by email.

Sustain 3D can offer Code for Sustainable Homes Assessments at different stages of the development project tailored to the client and project requirements:

- Pre-assessment reports for planning application submission
- Pre-assessment reports, advice and guidance at the design stage
- Guidance on achieving specific code levels
- Design stage assessment leading to interim certificates
- Post-construction stage assessment leading to final code certificates

Complementary Code Services

- ENE 1: SAP Calculations
- ENE 1: Air Tightness Testing
- ENE 7: Low Zero Carbon (LZC) Feasibility Studies
- SUR 1 & 2: Hydrologist & Flood Risk Assessment reports
- HEA 1: Daylighting Calculations
- HEA 2: Acoustic Testing
- MAN 1: Home User Guide production
- ECO1 to 5: Ecology Report
The Code for Sustainable Homes (the Code) is an environmental assessment method for rating and certifying the performance of new homes. It is a national standard for use in the design and construction of new homes with a view to encouraging continuous improvement in sustainable home building. It was launched by the Government in December 2006, became operational in April 2007 and replaces EcoHomes as the National standard to be used in the design and construction of new-build residential properties in England and Wales.

The Code for Sustainable Homes covers nine categories of sustainable design:

1. Energy & CO2 emissions
2. Water
3. Materials
4. Surface water run-off
5. Waste
6. Pollution
7. Health & well-being
8. Management
9. Ecology

Each category includes a number of environmental issues and each issue is a source of environmental impact which can be assessed against a performance target and awarded one or more credits. Performance targets are more demanding than the minimum standard needed to satisfy Building Regulations.

The code uses a rating system from Level 1 to 6, Level 6 being the highest level of Sustainability and translates to a Zero Carbon Home. The results of the Code Assessment are recorded on a certificate which is assigned to the dwelling. The assessment contains two stages; a Design Stage Assessment leading to an Interim Certificate and a Post Construction Assessment leading to a Final Certificate.
Renewable Energy Statements

Our renewable energy consultancy team can provide a wide range of bespoke renewable energy reports, whether you’re looking to discharge a planning condition, need advice on the most cost effective way to achieve building compliance or want to know how much energy a solar PV installation will generate on your development. Give us a call or email for a quote.

LZC Feasibility Study

This report assesses the feasibility of various LZC (Low or Zero Carbon) technologies for a particular development and advises on the most suitable technology for the site.

Renewable Energy Statement

This report is required to discharge certain planning conditions set by Local Authority Planning Departments. Conditions vary depending on the Authority but usually include either a 10% or 20% reduction in Carbon emissions through the use of on-site renewables. Some Authorities require that a percentage of the site energy demand is met by on-site renewables – the report can also satisfy this requirement.

Part L 2010 Report

We have vast knowledge and experience in advising clients on how to achieve the mandatory carbon emissions target needed for various Code Levels. We are therefore ideally placed to offer a tailored report to help clients achieve compliance with the new Part L 2010 regulations. These new regulations have reduced the CO2 Target Emission Rate (TER) by 25% compared to the Part L 2006 target.

Feed-in-Tariff (FIT) Report

This report can highlight the likely renewable energy generated from a solar PV installation. The report also includes the following:

- Amount of money generated from the Government’s Feed-in-Tariffs.
- Amount of money saved by using the energy generated.
- Payback period of the installation.
- A solar PV array design for the property.
- Quotations from 3 local MCS Accredited Solar PV installers for the designed system.

ENE7 Report

This report is required as evidence to achieve credits in the ENE7 category (Low and Zero Carbon Technologies) of the Code for Sustainable Homes.
Dynamic Thermal Modelling

Fast, accurate thermal simulation is becoming an essential part of successful building design. At Sustain 3D we are experts in the use of IES Virtual Environment software which puts at our fingertips the most advanced and comprehensive thermal simulation software on the market. It shows clients how their building is performing, helps identify and solve problems as they arise, and enables our consultants to optimise the clients design and requirements. Quick to use once the building model is complete, the software draws on the data we already have collated through site surveys and clients documentation, this will produce the results we need at the touch of a button. Our consultants can compare different approaches and test out new ideas, so it’s safe to innovate.

Give us a call or email and we will be more than happy to provide you with a quote.

The Benefits of Simulation Modelling

Simulation modelling enables our consultants at Sustain 3D to assess every aspect of thermal performance, from annual energy consumption and carbon emissions down to individual surface temperatures.

- Apache Sim is at the core of the IES Virtual Environment suite of thermal analysis products, each of which simulates an aspect of thermal performance:
  - Solar shading and penetration (Sun Cast)
  - Value/Cost/LifeCycle analysis
  - HVAC systems and control (ApacheHvac)
  - Natural ventilation and mixed mode systems (MacroFlo)
- Apache Sim also enables Sustain 3D to perform carbon emissions calculations for compliance with Building Regulations Part L and Part J.

Application Areas

- Thermal performance analysis
- Building fabric design
- Occupant comfort analysis
- Natural ventilation studies
- Façade analysis
- Energy consumption prediction
- Plant design and sizing
- Mixed-mode design
- Carbon emissions
- CFD boundary conditions
- Building Regulations

Commercial Benefits

Our specialist consultants at Sustain 3D have a long and proven track record. Their expertise has been used right across the construction industry to help organisations win projects, and provided the technical information to improve buildings of all kinds. Now our expertise can be used in your organisation to design more energy efficient buildings, improve the performance of the building in terms of occupant comfort and minimise capital and running costs.
SBEM Calculations

Sustain 3D provide SBEM Calculations for new build commercial properties, give us a call or email and we will be more than happy to provide you with a quote.

What is an SBEM Calculation?

SBEM (Simplified Building Energy Model) is a software tool that is used to demonstrate compliance with Part L2 of the Building Regulations. SBEM calculates the monthly energy use and carbon dioxide emissions of a building based on the building geometry, construction, use, and HVAC and lighting equipment.

SBEM Calculations are a mandatory requirement for any heated, new build commercial building exceeding 50m² in floor area. Also some non-domestic extensions and conversion projects will require an SBEM Calculation.

When is an SBEM Calculation required?

Design Stage – Building Control require a Design Stage SBEM Calculation to be submitted with your Building Regulations Application. Without the SBEM Calculation, Building Control will not allow the project to start on site.

As-built Stage – Building Control require an As-built Stage SBEM Calculation and EPC when the building is completed. Without this info it is unlikely that the building will achieve Final Building Control approval.

What types of commercial buildings are covered by SBEM Calculations?

Sustain 3D can provide SBEM Calculations for all types of commercial buildings:

- Offices
- Hotels
- Hospitals
- Leisure Centre’s
- Care Homes
- Supermarkets
- Warehouses
- Community Buildings
- Pubs

Why Choose Sustain 3D For Your SBEM Calculations?

- A National SBEM Calculation Service that’s affordable, quick & simple.
- Our SBEM prices start from as little as £120.00 + VAT.
- Guaranteed Pass as standard.
- We offer very quick turnaround times.
- We provide an evidence gathering form.
- Our SBEM assessors are experienced in performing SBEM Calculations.
Commercial EPC

Sustain 3D provide Commercial EPCs for non-domestic properties. Give us a call or email and we will be more than happy to provide you with a quote.

What is a Commercial EPC?

A Commercial EPC includes an analysis of the building’s energy efficiency and provides the building with an Energy Efficiency Rating between A and G.

A separate report provides recommendations on how the energy efficiency of the building can be improved and the cost savings from these improvements.

When is a Commercial EPC required?

Since 2009 it became a legal requirement to provide a Commercial Energy Performance Certificate with every commercial premise that is marketed for sale or to let. It is required at the point of marketing and is also required when a building lease is renewed.

Commercial EPCs are also required on completion of a new build commercial property.

Why Choose Sustain 3D for Your Commercial EPC?

- A National Commercial EPC Service that’s affordable, quick & simple.
- Our Commercial EPC prices start from as little as £99.00 + VAT.
- We offer very quick turnaround times.
- We provide an evidence gathering form.
Water Efficiency Calculations

*Sustain 3D* provide water efficiency calculations for domestic properties across the UK, give us a call or email and we will be more than happy to provide you with a quote.

As of the 6th April 2010 Part G of the Building Regulations introduced the requirement that all new dwellings and conversions now meet water efficiency targets.

Building Control require Water Efficiency Calculations to show that no more than 125 Litres of water per person, per day is used within a dwelling.

**Why Choose Sustain 3D For Your Water Efficiency Calculations?**

*Sustain 3D* have been providing these calculations since their introduction and provide compliant calculations on various sites across England and Wales. The Company has created compliant sanitaryware specification that outlines target flow rates of taps and showers as well as capacities of toilets and baths, for clients requiring targets before the specify products.
BREEAM Assessments

Sustain 3D provide BREEAM Assessments for a range of building types across the UK, give us a call or email and we will be more than happy to provide you with a quote.

BREEAM assessments can only be carried out by qualified, licensed and registered BREEAM Assessors. Sustain 3D employs suitably qualified, licensed and registered BREEAM Assessors, so you can be confident that your assessment will be dealt with by a fully licensed and experienced professional.

Why Choose Sustain 3D For Your BREEAM Assessments?

Sustain 3D have a number of experienced and fully qualified BREEAM Assessors that are able to offer a BREEAM Assessment service throughout the whole of the UK. For more information as to how the Company can assist on your project please enquire with your project by calling us or email.

Sustain 3D can offer BREEAM Assessments at different stages of the development project tailored to the client and project requirements:

- Pre-assessment reports for planning application submission
- Pre-assessment reports, advice and guidance at the design stage
- Guidance on achieving specific BREEAM ratings
- Design stage assessment leading to BREEAM interim certificates
- Post-construction stage assessment leading to final BREEAM certificates

Complementary BREEAM Services

- ENE 1: SAP Calculations
- ENE 1: Air Tightness Testing
- ENE 4: Low Zero Carbon (LZC) Feasibility Studies
- ENE 06: Lift/Escalator transport analysis reports
- POL 3: Hydrologist & Flood Risk Assessment report
- HEA 01: Daylighting Calculations
- HEA 02: Indoor Air Quality Testing
- HEA 03: Thermal modeling analysis
- HEA 05: Acoustic Report/Testing
- MAN 1: Building User Guide production
- ECO1 to 5: Ecology Report
The BREEAM Scheme

BREEAM (Building Research Establishment’s Environmental Assessment Method) is the world’s leading and most widely used environmental assessment method for buildings. It sets the standard for best practice in sustainable design and has become the de facto measure used to describe a building’s environmental performance.

Aims of BREEAM

- To mitigate the impacts of buildings on the environment
- To enable buildings to be recognised according to their environmental benefits
- To provide a credible, environmental label for buildings
- To stimulate demand for sustainable buildings

Objectives of BREEAM

- To provide market recognition to low environmental impact buildings
- To ensure best environmental practice is incorporated in buildings
- To set criteria and standards surpassing those required by regulations and challenge the market to provide innovative solutions that minimise the environmental impact of buildings
- To raise the awareness of owners, occupants, designers and operators of the benefits of
  - Buildings with a reduced impact on the environment
- To allow organisations to demonstrate progress towards corporate environmental objectives

Building projects are assessed at the design and post-construction stages using a system of environmental issues grouped within the following categories:

- Management
- Health and Well Being
- Energy
- Transport
- Water
- Materials
- Waste
- Land use and Ecology
- Pollution
What is BREEAM New Construction?

BREEAM New Construction is a performance based assessment method and certification scheme for new buildings. The primary aim of BREEAM New Construction is to mitigate the life cycle impacts of new buildings on the environment in a robust and cost effective manner. This is achieved through integration and use of the scheme by clients and their project teams at key stages in the design and procurement process. This enables the client, through the BREEAM Assessor and the BRE Global certification process, to measure, evaluate and reflect the performance of their building against best practice in an independent and robust manner. This performance is quantified by a number of individual measures and associated criteria stretching across a range of environmental issues, which is ultimately expressed as a single certified BREEAM rating, i.e. the label.

BREEAM Scoring & Rating

There are a number of elements that determine the overall performance of a new construction project assessed using BREEAM, these are as follows:

- The BREEAM rating level benchmarks
- The minimum BREEAM standards
- The environmental section weightings
- The BREEAM assessment issues and credits

How these elements combine to produce a BREEAM rating is summarised on the following pages. This is followed by a description and example describing the methodology for calculating a rating.

BREEAM Rating & Benchmarks

<table>
<thead>
<tr>
<th>BREEAM Rating</th>
<th>% Benchmark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unclassified</td>
<td>&lt;30</td>
</tr>
<tr>
<td>Pass</td>
<td>30</td>
</tr>
<tr>
<td>Good</td>
<td>45</td>
</tr>
<tr>
<td>Very Good</td>
<td>55</td>
</tr>
<tr>
<td>Excellent</td>
<td>70</td>
</tr>
<tr>
<td>Outstanding</td>
<td>85</td>
</tr>
</tbody>
</table>
The BREEAM rating benchmark levels enable a client or other stakeholder to compare an individual building’s performance with other BREEAM rated buildings and the typical sustainability performance of new non-domestic buildings in the UK.

In this respect each BREEAM rating level broadly represents performance equivalent to:

- Outstanding: Less than top 1% of UK new non-domestic buildings (innovator)
- Excellent: Top 10% of UK new non-domestic buildings (best practice)
- Very Good: Top 25% of UK new non-domestic buildings (advanced good practice)
- Good: Top 50% of UK new non-domestic buildings (intermediate good practice)
- Pass: Top 75% of UK new non-domestic buildings (standard good practice)

An unclassified BREEAM rating represents performance that is non-compliant with BREEAM, in terms of failing to meet either the BREEAM minimum standards of performance for key environmental issues or the overall threshold score required for formal BREEAM certification.

**BREEAM Minimum Standards**

To maintain a flexible system BREEAM adopts a ‘balanced score-card’ approach to the assessment and rating of building performance. This means that, to achieve a particular level of performance the majority of BREEAM credits can be traded, i.e. non-compliance in one area can be off-set through compliance in another to achieve the target BREEAM rating.

However, to ensure that performance against fundamental environmental issues is not overlooked in pursuit of a particular rating, BREEAM sets minimum standards of performance in key areas e.g. energy, water, waste etc. It is important to bear in mind that these are minimum acceptable levels of performance and, in that respect they should not necessarily be viewed as levels that are representative of best practice for a BREEAM rating level.

To achieve a particular BREEAM rating, the minimum overall percentage score must be achieved and the minimum standards, applicable to that rating level complied with.
BREEAM Environmental Weightings

Environmental weightings are fundamental to any building environmental assessment method as they provide a means of defining, and therefore ranking, the relative impact of environmental issues. BREEAM uses an explicit weighting system derived from a combination of consensus based weightings and ranking by a panel of experts. The outputs from this exercise are then used to determine the relative value of the environmental sections used in BREEAM and their contribution to the overall BREEAM score.

This weighting system is defined in greater detail within the BRE Global Core Process Standard (BES 5301) and it’s supporting procedural documents. These form part of the over-arching BREEAM Standard and the Code for a Sustainable Built Environment. The same ranking of impacts used in BREEAM underpins the scoring mechanisms in the BRE Green Guide to Specification and the BRE Environmental Profiling Method for construction materials.

The weighting factors have been derived from consensus based research with various groups such as government, material suppliers and lobbyists. This research was carried out by BRE to establish the relative importance of each environmental issue.
Building Services Design

In association with BES Consulting Engineers: Mechanical and Electrical Design Consultants, we can offer a complete suite of services to dovetail a comprehensive sustainability and environmental engineering services package.

The team of highly qualified service engineers consistently provide an invaluable level of support to our clients. The team provide high quality, innovative solutions founded on the latest and best engineering practices for the following disciplines:

**Principally the consultancy services are**

- Full Mechanical Design Services
- Full Electrical Design Services
- Line Safety
- Vertical Transportation
- Expert witness Services
- Surveys, Reports & Feasibility Studies
- Public Health Services
- BIM (Building Information Modelling)
- Project management
- Cost control / analysis
- Tender analysis and associated reports
- Tailored to suit specific project/client requirements
- Detail design and specification
- Acting in an independent capacity or as part of a multi-disciplinary team

**Further information**

Further information on all of the services offered through Sustain 3D’s association with BES Consulting Engineers is available on their website:

www.bes-c.co.uk
## Volume House Builder Price List:
### SAP & EPC

<table>
<thead>
<tr>
<th>Number of Plots</th>
<th>SAP Calculations*²</th>
<th>EPCs*³</th>
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<tbody>
<tr>
<td>10 to 25</td>
<td>£45</td>
<td>£20</td>
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<tr>
<td>26 to 50</td>
<td>£35</td>
<td>£15</td>
</tr>
<tr>
<td>51 to 75</td>
<td>£30</td>
<td>£10</td>
</tr>
<tr>
<td>76 to 100</td>
<td>£25</td>
<td>£10</td>
</tr>
<tr>
<td>101+</td>
<td>£20</td>
<td>£10</td>
</tr>
</tbody>
</table>

### Terms and Conditions
1. All prices are subject to VAT at current rate.
2. The SAP Calculations price is for design stage SAP Calculations.
3. The EPC price is for as built SAP Calculations and EPCs.
4. Prices include Landmark EPC lodgement fees
### Single SAP & EPC Price List

<table>
<thead>
<tr>
<th>Dwelling Type</th>
<th>SAP Calculation*²</th>
<th>EPC*³</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Build/Conversion Flat</td>
<td>£50</td>
<td>£30</td>
</tr>
<tr>
<td>New Build/Conversion House</td>
<td>£95</td>
<td>£30</td>
</tr>
<tr>
<td>Extension</td>
<td>£125</td>
<td>n/a</td>
</tr>
</tbody>
</table>

Terms and Conditions

1. All prices are subject to VAT at current rate.
2. The SAP Calculations price is for design stage SAP Calculations.
3. The EPC price is for as built SAP Calculations and EPCs.
4. Prices includes Landmark EPC lodgement fees
## Commercial SBEM & EPC Price List

<table>
<thead>
<tr>
<th>Commercial/Non Domestic Properties</th>
<th>SBEM Calculation*2</th>
<th>EPC*3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial (less than 50m²)</td>
<td>From £120</td>
<td>£50</td>
</tr>
<tr>
<td>Commercial (50m² - 250m²)</td>
<td>From £180</td>
<td>£50</td>
</tr>
<tr>
<td>Commercial (250m² - 500m²)</td>
<td>From £240</td>
<td>£50</td>
</tr>
<tr>
<td>Commercial (500m² - 750m²)</td>
<td>From £300</td>
<td>£50</td>
</tr>
<tr>
<td>Commercial (750m² - 1000m²)</td>
<td>From £360</td>
<td>£50</td>
</tr>
<tr>
<td>Commercial (1000m² +)</td>
<td>Please call/email for quote</td>
<td>£50</td>
</tr>
</tbody>
</table>

### Terms and Conditions

1. All prices are subject to VAT at current rate.
2. An SBEM Calculation is required to generate an EPC.
3. Price includes Landmark EPC lodgement fee.
## Code for Sustainable Homes

### Price List

<table>
<thead>
<tr>
<th>Assessment Type</th>
<th>Charge</th>
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</thead>
<tbody>
<tr>
<td>Pre Assessment Estimator</td>
<td>£250</td>
</tr>
<tr>
<td>Design Stage Assessment (for 4 dwellings or less)</td>
<td>£950*</td>
</tr>
<tr>
<td>+ per unit fee (for 5 – 25 dwellings)</td>
<td>£70*</td>
</tr>
<tr>
<td>+ per unit fee (for 26 - 50 dwellings)</td>
<td>£60*</td>
</tr>
<tr>
<td>+ per unit fee (for 50 - 100 dwellings)</td>
<td>£50*</td>
</tr>
<tr>
<td>+ per unit fee (for 101 dwellings +)</td>
<td>£40*</td>
</tr>
<tr>
<td>Post Construction Review</td>
<td>£950**</td>
</tr>
</tbody>
</table>

*This includes Stroma Certification registration costs as illustrated below.

**This includes issue of Code for Sustainable Homes certificate.

### Stroma Registration Costs

<table>
<thead>
<tr>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site registration fee, per dwelling</td>
</tr>
<tr>
<td>Minimum fee</td>
</tr>
</tbody>
</table>

Terms and Conditions

All prices are subject to VAT at current rate.
Proud To Have Worked With

Bramall Construction
Moody
fhm
Sanctuary Housing
Tolent
Keepmoat
Sanctuary Housing
Endeavour Housing Association
North Star Housing Group
Hobson Porter
Four Housing Group
Mansell
HACS
Walter Thompson
Broadacres
Abbeyfield
BES
Anchor
Chevin Housing Association Ltd
Barchester
Guinness Northern Counties
JRF Joseph Rowntree Foundation
Tees Valley Housing
Nottingham City Homes
Contact Us

- **Address**
  Block 3 St Cuthberts House
  Durham Way North
  Aycliffe Business Park
  Newton Aycliffe
  Co Durham

- **Opening Times**
  Mon to Fri 8.30am to 5.00pm

- **Phone**
  01325 310404

- **Email**
  pauldodds@sustain3d.com