

**3 Hampshire Street
London NW5**

**CODE FOR SUSTAINABLE HOMES
PRE-ASSESSMENT**

Prepared For:

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3 Hampshire Street
Camden
NW52TE**

Prepared By:



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1. Executive summary

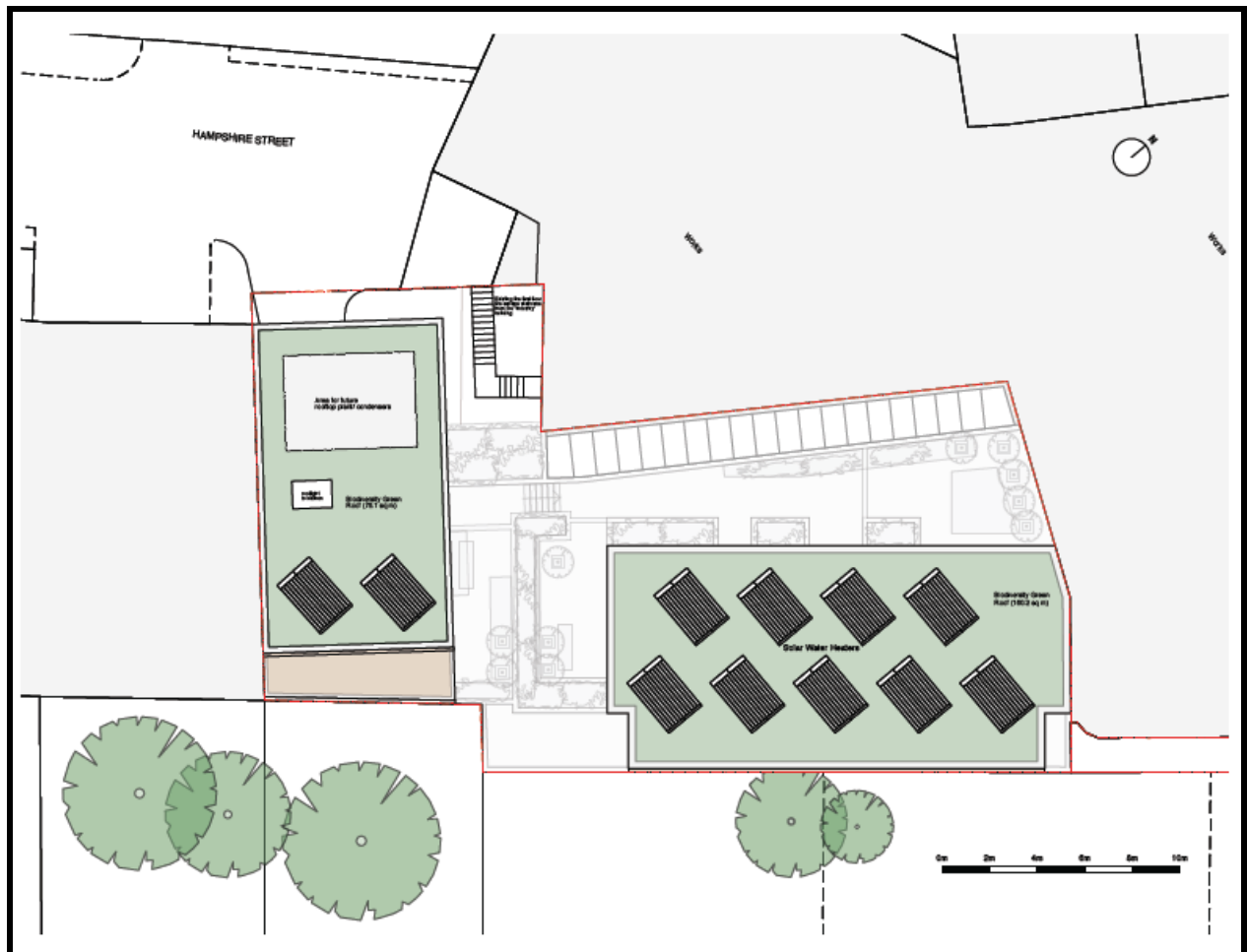
DSA Engineering was commissioned by Horizon Laundry to undertake a Code for Sustainable Homes 2008 Design and Procurement (D&P) Pre-Assessment Estimator for a typical flat of the proposed development. Code of Sustainable Homes is a voluntary, standard environmental assessment method by which the environmental impact of a building is assessed against a range of issues. Credits are awarded where the building achieves a specific performance benchmark and the Code Scale runs from 'Level 1' to 'Level 6', as depicted below in Table 1 and a Code Level is awarded on the basis of achieving both a set of mandatory minimum standards and a minimum overall score.

This report summarises the results of the Code of Sustainable Homes 2008 pre-assessment.

Based on the information provided by the design team and the commitments made by them, the proposed development at **3 Hampshire Street, has a predicted Code Level 3 rating** (see Appendix 1).

2. Summary of site proposals

The proposed development comprises 7 flats occupying 449.3m² and 443m² of offices/light industrial space.



3. Methodology

The Department for Communities and Local Government (DCLG), with the support from the Building Research Establishment (BRE), has developed a standard environmental assessment method for dwellings known as the Code for Sustainable Homes, by which the environmental impact of a dwelling is assessed against a range of issues. Credits are awarded where the dwelling achieves a benchmark performance. The Code seeks to bring about reductions in the environmental impact of dwellings through improvements in policy, legislation and best practice as well as providing greater regulatory certainty for the homebuilding industry.

The method addresses impacts of a building on the global, local and indoor environments across a range of categories, grouped under the headings of:

- Energy and CO2
- Water
- Materials
- Surface Water Run-off
- Waste
- Pollution
- Health and Wellbeing
- Management
- Ecology

A dwelling is given a score to indicate its overall environmental performance. This is referred to as the Code rating which is expressed as a rating from Level 1 to 6. The rating achieved depends on the total score achieved, as well as a number of mandatory credit standards being met which become increasingly onerous the higher the Code rating.

Minimum mandatory standards are required to achieve a Level 1 rating, below which a certificate is issued which shows a summary of the performance achieved, but does not show a rating.

From 1st May 2008 it is mandatory for a Code sustainability certificate or a nil rated certificate (where an assessment has not taken place) to be included in the Home Information Packs as information to prospective purchasers of new properties in England.

A Pre-Assessment Estimator provides a quick evaluation of the Code rating likely to be achieved under a formal assessment. The results can be used to feed into the design process in order to maximise the score achieved. Its completion is a means of monitoring the sustainability performance of the development against an established benchmark.

It should be noted that, as the Pre-Assessment Estimator is a simplified version of the full method, it only provides an estimate of the final Code rating. As a consequence, the final rating may vary following a formal assessment.

On completion of the design stage, a Code Design Stage Assessment will be undertaken and an interim certificate will be issued by the BRE. Once the Post Construction Review is undertaken and submitted to the BRE and approved the final Code for Sustainable Homes certificate is issued.

4. Code for sustainable homes scoring

The Code Scale runs from 'Level 1' to 'Level 6', as illustrated below in Table 1. A Code Level is awarded on the basis of achieving both a set of mandatory minimum standards and a minimum overall score.

Table 1 Indicates the sustainability performance associated different levels of the Code

Code Level 1	Above regulatory standards and a similar standard to the BRE's EcoHomes PASS level and the Energy Saving Trust (EST) Good Practice Standard for energy efficiency.
Code Level 2	A similar standard to the BRE's EcoHomes GOOD level.
Code Level 3	A broadly similar standard to the BRE's EcoHomes VERY GOOD level and the EST's Best Practice Standard for energy efficiency.
Code Level 4	Broadly set at current exemplary performance.
Code Level 5	Based on exemplary performance with high standards of energy and water efficiency.
Code Level 6	Aspirational standard based on zero carbon emissions for the dwelling and high performance across all environmental categories.

The following credits have mandatory standards: Ene 1, Wat 1, Mat 1, Sur 1, Was 1 and Was 2.

Before a final score is awarded an environmental weighting factor is applied to each category based on its relative environmental importance. These weightings are shown in Table 2 and the number of points required to attain each Code Level is shown in Table 3.

Table 2 Shows the Environmental Categories and the scoring of each category

Environmental Impact Category	No. of Credits in Category	Environmental Weighting Factor (%)	Approximate Score per credit (%)
Energy/CO ₂	29	36.4	1.26
Water	6	9	1.50
Materials	24	7.2	0.30
Surface Water Run-off	4	2.2	0.55
Waste	7	6.4	0.91
Pollution	4	2.8	0.70
Health and Wellbeing	12	14.0	1.17
Management	9	10.0	1.11
Ecology	9	12.0	1.33
Total	104	100%	

Table 3 Shows the number of points required to attain each Code for Sustainable Homes level

Mandatory Levels Assumed	Code Rating	Points Score
Level 1	Level 1	36
Level 2	Level 2	48
Level 3	Level 3	57
Level 4	Level 4	68
Level 5	Level 5	84
Level 6	Level 6	90

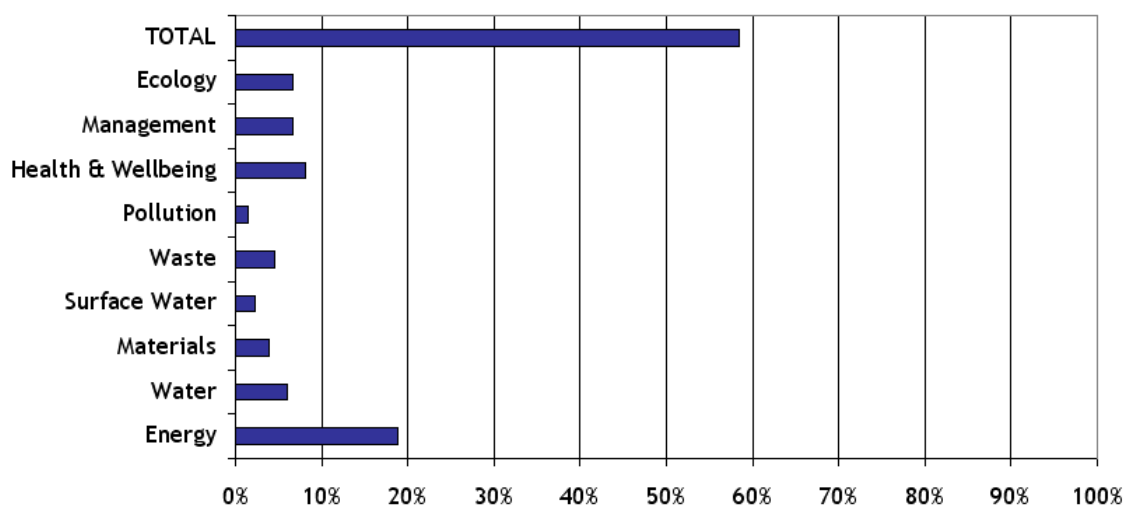
5. Code for sustainable homes rating summary

It is predicted that this development will achieve a Code Level of 3 based on discussions with the design team and the client (see Appendix 1).

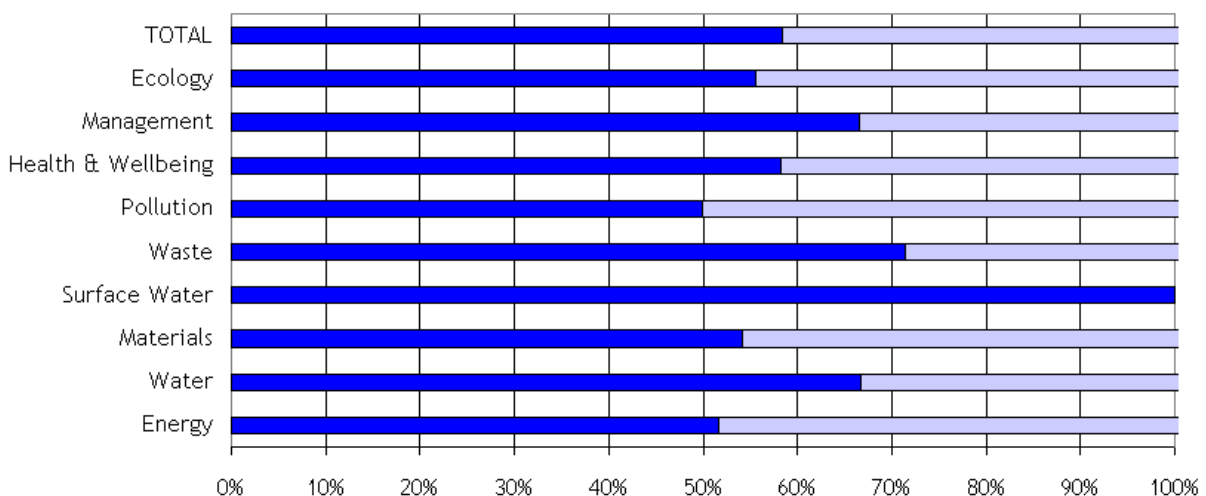
This development will exceed the minimum standard set out by Camden Council of achieving a minimum score of 50/50/50 in the Energy/Water/Material sections.

Graphs 1 and 2 below present the summary of the results of the Code for Sustainable Homes pre-assessment:

Graph 1: Predicted contribution of individual sections to the total score and percentage of total achievable score



Graph 2: Predicted percentage of credits achievable: Total and by Category



APPENDIX 1 – Full CSH pre-assessment



RESULTS

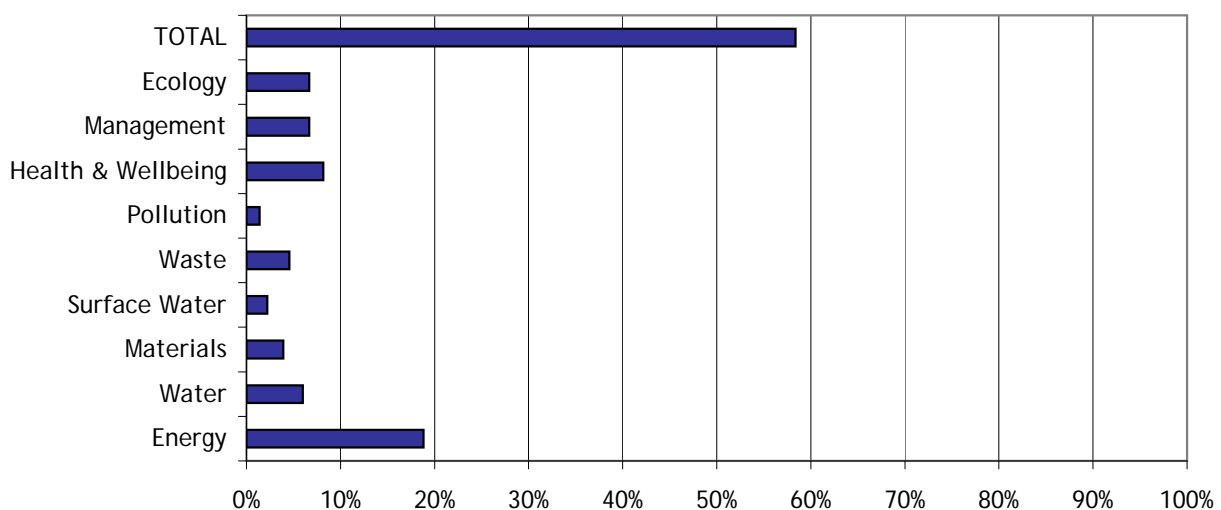
Development Name:	3 Hampshire Street
Dwelling Description:	7 dwellings
Name of Company:	DSA Engineering
Code Assessor's Name:	David Apple
Company Address:	77-79 Farringdon Road, LONDON EC1M 3JU
Notes/Comments:	

PREDICTED RATING - CODE LEVEL: 3

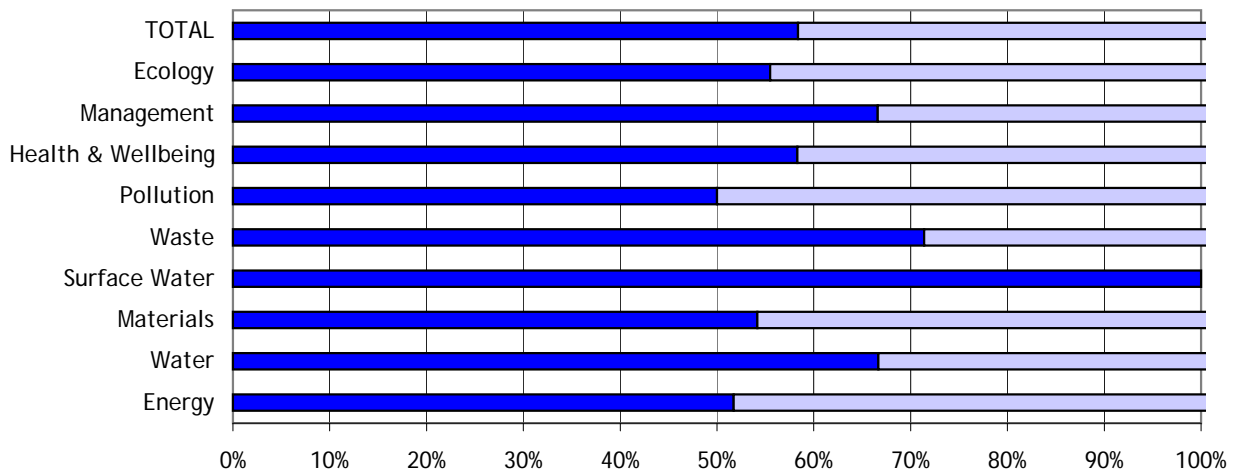
Mandatory Requirements: All Levels

% Points: 58.37% - Code Level: 3
Breakdown: Energy - Code Level: 3
Water - Code Level: 4

Graph 1: Predicted contribution of individual sections to the total score and percentage of total achievable score



Graph 2: Predicted percentage of credits achievable: Total and by Category



NOTE: The rating obtained by using this Pre Assessment Estimator is for guidance only. Predicted ratings may differ from those obtained through a formal assessment, which must be carried out by a licensed Code assessor.

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CATEGORY 1 ENERGY		Overall Level: 3	Overall Score	58.37
% of Section Credits Predicted: 51.00%		Credits		Level
Contribution to Overall Score: 18.82 points		15 of 29 Credits		Level 3
Ene 1 Dwelling Emission Rate	<p>Credits are awarded based on the percentage improvement of the Dwelling Emission Rate (DER) over the Target Emission Rate (TER) as calculated using SAP 2005. Minimum standards for each Code level apply.</p> <div><p>Select the % improvement / Mandatory Requirement</p><div><div>0% improvement</div><div>OR 10% Improvement</div><div>OR 14% Improvement</div><div>OR 18 % Improvement</div><div>OR 22% Improvement</div><div>OR 25% Improvement</div><div>OR 31% Improvement</div><div>OR 37% Improvement</div><div>OR 44% Improvement</div><div>OR 52% Improvement</div><div>OR 60% Improvement</div><div>OR 69% Improvement</div><div>OR 79% Improvement</div><div>OR 89% Improvement</div><div>OR 100% Improvement</div><div>OR Zero Carbon Home*</div></div></div>	5 of 15 Credits	Level 3	
* as defined in the Code Technical Guide				
Ene 2 Building Fabric	<p>Credits are awarded based on the Heat Loss Parameter (HLP) obtained from the SAP 2005 calculations. This is based on the level of insulation provided in the dwellings.</p> <div><p>Select a HLP range</p><div><div>Greater than 1.30</div><div>OR Less than or equal to 1.30</div><div>OR Less than or equal to 1.10</div></div></div>	1 of 2 Credits	-	
Ene 3 Internal Lighting	<p>Credits are awarded based on the percentage of fixed internal fittings that are dedicated energy efficient provided in habitable spaces within the dwelling.</p> <div><p>Select the % of dedicated energy efficient fittings</p><div><div>Less than 40%</div><div>OR Greater than or equal to 40%</div><div>OR Greater than or equal to 75%</div></div></div>	1 of 2 Credits	-	

Issue	Credits	Level
Ene 4 Drying Space	<p>One credit is awarded for the provision of either internal or external secure drying space with posts and footings or fixings capable of holding 4m+ of drying line for 1-2 bed dwellings and 6m+ for dwellings with 3 bedrooms or greater.</p> <div> <div>Will drying space meeting the criteria be provided? —</div> <div> <div>Yes <input type="radio"/></div> <div>OR No <input checked="" type="radio"/></div> </div> </div>	0 of 1 Credits -
Ene 5 Energy Labelled White Goods	<p>Credits are awarded where each dwelling is provided with either information about the EU Energy Labelling Scheme, White Goods with ratings ranging from A+ to B or a combination of the previous according to the technical guide.</p> <div> <div>Select the appropriate option below —</div> <div> <div>EU Energy labelling information <input checked="" type="checkbox"/></div> <div>A+ Rated Fridges and Freezers <input type="checkbox"/></div> <div>Combination of rated white goods with EU Energy Labelling Scheme <input checked="" type="checkbox"/></div> </div> </div>	2 of 2 Credits -
Ene 6 External Lighting	<p>Credits are awarded based* on the provision of space lighting with dedicated energy efficient fittings and security lighting fittings with appropriate control gear OR provision of dual lamp luminaires with both space and security lamps compliant with the above energy efficiency requirements.</p> <div> <div>Space Lighting —</div> <div> <div>None provided <input type="radio"/></div> <div>OR Non Code compliant lighting <input type="radio"/></div> <div>OR Code compliant lighting <input checked="" type="radio"/></div> </div> <div> <div>Security Lighting —</div> <div> <div>None provided <input type="radio"/></div> <div>OR Non Code compliant lighting <input type="radio"/></div> <div>OR Code compliant lighting and controls <input checked="" type="radio"/></div> </div> <div> <div>Dual lamp luminaires —</div> <div>Compliant with both above criteria <input type="checkbox"/></div> </div> </div> <p>* Statutory safety lighting is not covered by this requirement</p> </div>	2 of 2 Credits -

Issue	Credits	Level
<p>Ene 7 Low or Zero Carbon Technologies</p>	<p>Credits are awarded where either there is a 10% or 15% reduction in total carbon emissions that result from using low or zero carbon technologies. Note that where funding has not been granted through the Low Carbon Buildings Programme, a feasibility study is required that meets the Code requirements.</p> <div data-bbox="312 439 1038 618"> <p>Select % contribution made by low or zero carbon technologies</p> <p>Less than 10% of demand <input type="radio"/></p> <p>OR 10% of demand or greater <input type="radio"/></p> <p>OR 15% of demand or greater <input checked="" type="radio"/></p> </div>	<p>2 of 2 Credits</p> <p>-</p>
<p>Ene 8 Cycle Storage</p>	<p>Credits are awarded where adequate, safe, secure and weather proof cycle storage is provided according to the Code requirements.</p> <div data-bbox="312 775 1038 909"> <p>Fill in the development details below</p> <p>Number of bedrooms: <input type="text" value="2"/></p> <p>Number of cycles stored per dwelling* <input type="text" value="1.0"/></p> </div> <p>* if you have storage for 1 cycle per two dwellings insert 0.5 in number of cycles stored per dwelling</p>	<p>1 of 2 Credits</p> <p>-</p>
<p>Ene 9 Home Office</p>	<p>A credit is awarded for the provision of space for a home office. The location, space and services provided must meet the Code requirements.</p> <div data-bbox="312 1144 1038 1279"> <p>Will there be provision for a Home Office?</p> <p>Yes <input checked="" type="radio"/></p> <p>OR No <input type="radio"/></p> </div>	<p>1 of 1 Credits</p> <p>-</p>

CATEGORY 2 WATER		Overall Level: 3	Overall Score	58.37
% of Section Credits Predicted: 66.00%			Credits	Level
Contribution to Overall Score: 6.00 points			4 of 6 Credits	Level 4
Wat 1 Indoor Water Use	<p>Credits are awarded based on the predicted average household water consumption, calculated using the Code Water Calculator Tool. Minimum standards for each code level apply.</p> <div><p>Select the predicted water use / Mandatory Requirement</p><p>greater than 120 litres/ person/ day <input type="radio"/></p><p>OR less than 120 litres/ person/ day <input type="radio"/></p><p>OR less than 110 litres/ person/ day <input type="radio"/></p><p>OR less than 105 litres/ person/ day <input checked="" type="radio"/></p><p>OR less than 90 litres/ person/ day <input type="radio"/></p><p>OR less than 80 litres/ person/ day <input type="radio"/></p></div>	3 of 5 Credits	Level 3 AND Level 4	
Wat 2 External Water Use	<p>A credit is awarded where a compliant system is specified for collecting rainwater for external irrigation purposes. Where no outdoor space is provided the credit can be achieved by default.</p> <div><p>Select the scenario that applies</p><p>No internal or communal outdoor space <input type="radio"/></p><p>OR Outdoor space with collection system <input checked="" type="radio"/></p><p>OR Outdoor space without collection system <input type="radio"/></p></div>	1 of 1 Credits	-	

CATEGORY 3 MATERIALS		Overall Level: 3	Overall Score	58.37
% of Section Credits Predicted: 54.00%		Credits		Level
Contribution to Overall Score: 3.90 points		13 of 24 Credits		All Levels
Mat 1 Environmental Impact of Materials	<p><u>Mandatory Requirement:</u> At least three of the five key building elements must achieve a Green Guide 2008 Rating of A+ to D.</p> <p><u>Tradable Credits:</u> Points are awarded on a scale based on the Green Guide Rating of the specifications. The Code Materials Calculator can be used to predict a potential score.</p> <p> <input type="checkbox"/> Mandatory Requirement </p> <p>Will the mandatory requirement be met? <input checked="" type="checkbox"/></p> <p> <input type="checkbox"/> Enter the predicted score </p> <p>What is the predicted number of credits? <input type="text" value="8"/></p>	8 of 15 Credits	All Levels	
Mat 2 Responsible Sourcing of Materials - Basic Building Elements	<p>Credits are awarded where materials used in the basic building elements are responsibly sourced. The Code Materials Calculator can be used to predict a potential score.</p> <p> <input type="checkbox"/> Enter the predicted Score </p> <p>What is the predicted number of credits? <input type="text" value="3"/></p>	3 of 6 Credits	-	
Mat 3 Responsible Sourcing of Materials - Finishing Elements	<p>Credits are awarded where materials used in the finishing elements are responsibly sourced. The Code Materials Calculator can be used to predict a potential score.</p> <p> <input type="checkbox"/> Enter the predicted Score </p> <p>What is the predicted number of credits? <input type="text" value="2"/></p>	2 of 3 Credits	-	

CATEGORY 4 SURFACE WATER RUN-OFF		Overall Level: 3	Overall Score	58.37
% of Section Credits Predicted: 100.00%		Credits		Level
Contribution to Overall Score: 2.20 points		4 of 4 Credits		All Levels
Sur 1 Management of Surface Water Run-off from developments	<p>Mandatory Requirement: Peak rate of run-off into watercourses is no greater for the developed site than it was for the pre-development site. Tradable Credits: Where SUDS are used to improve water quality of the rainwater discharged or for protecting the quality of the receiving waters.</p> <div> Mandatory Requirement <div> Will the mandatory requirement be met? <input checked="" type="checkbox"/> </div> </div> <div> Select the appropriate option <div> No SUDS or default case compliance <input type="radio"/> Code compliant SUDS systems <input type="radio"/> Non Code compliant SUDS systems <input checked="" type="radio"/> Site discharges rainwater directly to a tidal estuary or the sea <input type="radio"/> </div> </div>	2 of 2 Credits	All Levels	
Sur 2 Flood Risk	<p>Credits are awarded where developments are located in areas of low flood risk or where in areas of medium or high flood risk appropriate measures are taken to prevent damage to the property and its contents in accordance with the Code criteria in the technical guide.</p> <div> Select the annual probability of flooding (from PPS25*) <div> Zone 1 - Low <input checked="" type="radio"/> OR Zone 2 - Medium <input type="radio"/> OR Zone 3 - High <input type="radio"/> </div> </div> <div> Select the appropriate option(s) <div> Low risk of flooding from FRA** <input checked="" type="checkbox"/> All measures of protection are demonstrated in FRA <input type="checkbox"/> Ground floor level and access routes are 600 mm above design flood level <input type="checkbox"/> </div> </div> <p>* Planning Policy Statement 25 - Planning and Flood Risk ** FRA - Flood Risk Assessment</p>	2 of 2 Credits	-	

CATEGORY 5 WASTE		Overall Level: 3	Overall Score	58.37
% of Section Credits Predicted: 71.00%			Credits	Level
Contribution to Overall Score: 4.57 points			5 of 7 Credits	All Levels
Was 1 Storage of non-recyclable waste and recyclable household waste	Mandatory Requirement: The space provided for waste storage should be sized to hold the larger of either all external containers provided by the Local Authority or the min capacity calculated from BS 5906. Tradable Credits are awarded for adequate internal and/ or external recycling facilities.			
	<div>Mandatory Requirement</div> <div>Will the minimum space be provided and be accessible to disabled people?<input checked="" type="checkbox"/></div>			
	<div>Internal Recyclable household waste storage</div> <div>Where there is no external recyclable waste storage and no Local Authority collection scheme</div> <div>Internal storage (capacity 60 litres)<input type="checkbox"/></div>			
	<div>Local Authority collection Scheme</div> <div>Post Collection sorting</div> <div>Internal storage (capacity 30 litres)<input checked="" type="checkbox"/></div> <div>Pre-collection sorting</div> <div>Internal storage (capacity 30 litres)<input type="checkbox"/></div>			
	<div>External Storage, no Local Authority collection scheme</div> <div>3 separate internal storage bins (capacity 30 litres)<input type="checkbox"/></div> <div>Houses</div> <div>External Storage(capacity 180 litres)<input type="checkbox"/></div> <div>Flats</div> <div>Private recycling operator<input type="checkbox"/></div> <div>3 or greater types of waste collected<input type="checkbox"/></div>			
			0 of 2 Credits	
			4 of 4 Credits	All Levels
			0 of 4 Credits	

Issue	Credits	Level
<p>Was 2 Construction Site Waste Management</p>	<p><u>Mandatory Requirements:</u> A SWMP plan including the monitoring of waste generated on site and the setting of targets to promote resource efficiency must be produced and implemented. <u>Tradable Credits:</u> The SWMP should also include procedures and commitments for minimising waste and/ or commitments to sort, reuse and recycle construction waste.</p> <div data-bbox="311 488 1038 607"> <p>Mandatory Requirement</p> <p>Is the development cost less than £300K? <input type="checkbox"/></p> </div> <div data-bbox="311 629 1038 1003"> <p>Contents of the SWMP</p> <p>Does the SWMP include:</p> <ul style="list-style-type: none"> + monitoring of waste generated on site? <input checked="" type="checkbox"/> + targets to promote resource efficiency? <input checked="" type="checkbox"/> + the waste groups? <input checked="" type="checkbox"/> + compliance with best practice? <input checked="" type="checkbox"/> + procedures for reducing waste? <input checked="" type="checkbox"/> + commitments for reducing waste? <input checked="" type="checkbox"/> + procedures to sort, reuse and recycle waste? <input type="checkbox"/> + commitments to sort, reuse and recycle waste? <input type="checkbox"/> </div>	<p>1 of 2 Credits</p> <p>All Levels</p>
<p>Was 3 Composting</p>	<p>A credit is awarded where individual home composting facilities are provided, or where a community/ communal composting service, either run by the Local Authority or overseen by a management plan is in operation.</p> <div data-bbox="311 1182 1038 1420"> <p>Select the facilities available</p> <p>No composting facilities <input checked="" type="radio"/></p> <p>Individual composting facilities <input type="radio"/></p> <p>OR Communal/ community composting*? <input type="radio"/></p> <p>Local Authority <input type="checkbox"/></p> <p>OR Private with management plan <input type="checkbox"/></p> </div> <p>* including if a automated waste collection system is in place</p>	<p>0 of 1 Credit</p> <p>-</p>

CATEGORY 6 POLLUTION		Overall Level: 3	Overall Score	58.37
% of Section Credits Predicted: 50.00%		Credits		Level
Contribution to Overall Score: 1.40 points		2 of 4 Credits		All Levels
Pol 1 Global Warming Potential (GWP) of Insulants	<p>A credit is awarded where <u>all</u> insulating materials only use substances (in manufacture AND installation) that have a GWP of less than 5.</p> <div> <p>Select the most appropriate option</p> <p>All insulants have a GWP less than 5 <input type="radio"/></p> <p>OR Some insulants have a GWP of less than 5 <input type="radio"/></p> <p>OR No insulants have a GWP of less than 5 <input checked="" type="radio"/></p> </div>	0 of 1 Credits	-	
Pol 2 NOx Emissions	<p>Credits are awarded on the basis of NOx emissions arising from the operation of the space and water heating system within the dwelling.</p> <div> <p>Select the most appropriate option</p> <p>Greater than 100 mg/kWh <input type="radio"/></p> <p>OR Less than 100 mg/kWh <input type="radio"/></p> <p>OR Less than 70 mg/kWh <input checked="" type="radio"/></p> <p>OR Less than 40 mg/kWh <input type="radio"/></p> <p>OR Class 4 boiler <input type="radio"/></p> <p>OR Class 5 boiler <input type="radio"/></p> <p>OR All space and hot water energy requirements are met by systems who do not produce NOx emissions <input type="radio"/></p> </div>	2 of 3 Credits	-	

CATEGORY 7 HEALTH & WELLBEING		Overall Level: 3	Overall Score	58.37															
% of Section Credits Predicted: 58.00%			Credits	Level															
Contribution to Overall Score: 8.16 points			7 of 12 Credits	-															
Hea 1 Daylighting	<p>Credits are awarded for ensuring key rooms in the dwelling have high daylight factors (DF) and a view of the sky.</p> <div><p>Select the compliant areas</p><table><tr><td>Room</td><td></td></tr><tr><td>Kitchen: Avg DF of at least 2%</td><td><input type="checkbox"/></td></tr><tr><td>Living Room*: Avg DF of at least 1.5%</td><td><input checked="" type="checkbox"/></td></tr><tr><td>Dining Room*: Avg DF of at least 1.5%</td><td><input checked="" type="checkbox"/></td></tr><tr><td>Study*: Avg DF of at least 1.5%</td><td><input checked="" type="checkbox"/></td></tr><tr><td>80% of working plane in all above rooms receive direct light from the sky?</td><td><input type="checkbox"/></td></tr></table></div> <p>Any room used for Ene 9 Home Office must also achieve a min DF of 1.5%. *Tick the box if there is no study/ home office as this aspect of the credit will be awarded by default.</p>	Room		Kitchen: Avg DF of at least 2%	<input type="checkbox"/>	Living Room*: Avg DF of at least 1.5%	<input checked="" type="checkbox"/>	Dining Room*: Avg DF of at least 1.5%	<input checked="" type="checkbox"/>	Study*: Avg DF of at least 1.5%	<input checked="" type="checkbox"/>	80% of working plane in all above rooms receive direct light from the sky?	<input type="checkbox"/>	1 of 3 Credits	-				
Room																			
Kitchen: Avg DF of at least 2%	<input type="checkbox"/>																		
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Study*: Avg DF of at least 1.5%	<input checked="" type="checkbox"/>																		
80% of working plane in all above rooms receive direct light from the sky?	<input type="checkbox"/>																		
Hea 2 Sound Insulation	<p>Credits are awarded where performance standards exceed those required in Building Regulations Part E. This can be demonstrated by carrying out pre-completion testing or through the use of Robust Details Limited.</p> <div><p>Select a type of property</p><table><tr><td>Detached Property</td><td><input type="radio"/></td></tr><tr><td>Attached Properties:</td><td></td></tr><tr><td>- Separating walls and floors only exist between non habitable spaces</td><td><input type="radio"/></td></tr><tr><td>- Separating walls and floors exist between habitable spaces</td><td><input checked="" type="radio"/></td></tr></table></div> <div><p>Select a performance standard</p><table><tr><td>Performance standard not sought</td><td><input type="radio"/></td></tr><tr><td>Airborne: 3db higher; Impact: 3dB lower</td><td><input checked="" type="radio"/></td></tr><tr><td>OR Airborne: 5db higher; Impact: 5dB lower</td><td><input type="radio"/></td></tr><tr><td>OR Airborne: 8db higher; Impact: 8dB lower</td><td><input type="radio"/></td></tr></table></div>	Detached Property	<input type="radio"/>	Attached Properties:		- Separating walls and floors only exist between non habitable spaces	<input type="radio"/>	- Separating walls and floors exist between habitable spaces	<input checked="" type="radio"/>	Performance standard not sought	<input type="radio"/>	Airborne: 3db higher; Impact: 3dB lower	<input checked="" type="radio"/>	OR Airborne: 5db higher; Impact: 5dB lower	<input type="radio"/>	OR Airborne: 8db higher; Impact: 8dB lower	<input type="radio"/>	1 of 4 Credits	-
Detached Property	<input type="radio"/>																		
Attached Properties:																			
- Separating walls and floors only exist between non habitable spaces	<input type="radio"/>																		
- Separating walls and floors exist between habitable spaces	<input checked="" type="radio"/>																		
Performance standard not sought	<input type="radio"/>																		
Airborne: 3db higher; Impact: 3dB lower	<input checked="" type="radio"/>																		
OR Airborne: 5db higher; Impact: 5dB lower	<input type="radio"/>																		
OR Airborne: 8db higher; Impact: 8dB lower	<input type="radio"/>																		

Issue		Credits	Level
Hea 3 Private Space	<p>A credit is awarded for the provision of an outdoor space that is at least partially private. The space must allow easy access to all occupants.</p> <div> <p>Will a private/ semi-private space be provided? _____</p> <p>Yes, private/semi-private space will be provided <input checked="" type="radio"/></p> <p>OR No private/semi-private space <input type="radio"/></p> </div>	1 of 1 Credits	-
Hea 4 Lifetime Homes	<p><u>Mandatory Requirement:</u> Lifetime Homes is mandatory when a dwelling is to achieve Code Level 6.</p> <p><u>Tradable credits:</u> Credits are awarded where the developer has implemented all of the principles of the Lifetime Homes scheme.</p> <div> <p>Mandatory Requirement _____</p> <p>Dwelling to achieve Code Level 6? <input type="checkbox"/></p> <p>Lifetime Homes Compliance _____</p> <p>All Lifetime Homes criteria will be met <input checked="" type="radio"/></p> <p>OR Credit not sought <input type="radio"/></p> </div>	4 of 4 Credits	-

CATEGORY 8 MANAGEMENT		Overall Level: 3	Overall Score	58.37
% of Section Credits Predicted: 66.00%		Credits		Level
Contribution to Overall Score: 6.66 points		6 of 9 Credits		All Levels
Man 1 Home User Guide	<p>Credits are awarded where a simple guide is provided to each dwelling covering information relevant to the 'non-technical' home occupier, in accordance with the Code requirements.</p> <p>Tick the topics covered by the Home User Guide</p> <div> <p>Operational Issues? <input checked="" type="checkbox"/></p> <p>Site and Surroundings? <input checked="" type="checkbox"/></p> <p>Is available in alternative formats? <input checked="" type="checkbox"/></p> </div>	3 of 3 Credits	-	
Man 2 Considerate Constructors Scheme	<p>Credits are awarded where there is a commitment to comply with best practice site management principles using either the Considerate Constructors Scheme or an alternative locally/nationally recognised scheme.</p> <p>Select the appropriate scheme and score</p> <div> <p>No scheme used <input type="radio"/></p> <p><u>Considerate Constructors</u></p> <p>OR Best Practice: Score between 24 and 31.5 <input type="radio"/></p> <p>OR Best Practice+: Score between 32 and 40 <input checked="" type="radio"/></p> <p><u>Alternative Scheme*</u></p> <p>OR Mandatory + 50% optional requirements <input type="radio"/></p> <p>OR Mandatory + 80% optional requirements <input type="radio"/></p> </div> <p>* In the first instance, contact a Code Service Provider if you are considering to use an alternative scheme.</p>	2 of 2 Credits	-	
Man 3 Construction Site Impacts	<p>Credits are awarded where there is a commitment and strategy to operate site management procedures on site as following:</p> <p>Tick the impacts that will be addressed</p> <div> <p><u>Monitor, report and set targets, where applicable, for:</u></p> <p>- CO₂/ energy use from site activities <input type="checkbox"/></p> <p>- CO₂/ energy use from site related transport <input type="checkbox"/></p> <p>- water consumption from site activities <input checked="" type="checkbox"/></p> <p><u>Adopt best practice policies in respect of:</u></p> <p>- air (dust) pollution from site activities <input checked="" type="checkbox"/></p> <p>- water (ground and surface) pollution on site <input checked="" type="checkbox"/></p> <p><u>80% of site timber</u> is reclaimed, re-used or responsibly sourced <input type="checkbox"/></p> </div>	1 of 2 Credits	-	

Issue		Credits	Level
Man 4 Security	<p>Credits are awarded for complying with Section 2 - Physical Security from Secured by Design - New Homes. An Architectural Liaison Officer (ALO), or alternative, needs to be appointed early in the design process and their recommendations incorporated.</p> <div data-bbox="311 443 1038 571"> <div> Secured by Design Compliance <input checked="" type="radio"/> </div> <div> Credit not sought <input checked="" type="radio"/> </div> <div> OR <input type="radio"/> </div> <div> Secured by Design Section 2 Compliance <input type="radio"/> </div> </div>	0 of 2 Credits	-

CATEGORY 9 ECOLOGY		Overall Level: 3	Overall Score	58.37
% of Section Credits Predicted: 55.00%		Credits		Level
Contribution to Overall Score: 6.66 points		5 of 9 Credits		All Levels
Eco 1 Ecological Value of Site	<p>One credit is awarded for developing land of inherently low value.</p> <p>Select the appropriate option _____</p> <div> <p>Credit not sought <input type="radio"/></p> <p>OR Land has ecological value <input type="radio"/></p> <p>OR Land has low/ insignificant ecological value* <input checked="" type="radio"/></p> </div> <p>* Low ecological value is determined either a) by using Checklist Eco 1 across the whole development site; or b) where an suitably qualified ecologist is appointed and can confirm or c) produces an independent ecological report of the site, that the construction zone is of low/ insignificant value; AND the rest of the development site will remain undisturbed by the works.</p>	1 of 1 Credits	-	
Eco 2 Ecological Enhancement	<p>A credit is awarded where there is a commitment to enhance the ecological value of the development site.</p> <p>Tick the appropriate boxes _____</p> <div> <p>Will a <i>Suitably Qualified Ecologist</i> be appointed to recommend appropriate ecological features? <input type="checkbox"/></p> <p>AND Will all key recommendations be adopted? <input type="checkbox"/></p> <p>AND 30% of other recommendations be adopted? <input type="checkbox"/></p> </div>	0 of 1 Credits	-	
Eco 3 Protection of Ecological Features	<p>A credit is awarded where there is a commitment to maintain and adequately protect features of ecological value.</p> <p>Type and protection of existing features _____</p> <div> <p>Site with features of ecological value? <input type="radio"/></p> <p>OR Site of low ecological value (as Eco 1)? <input checked="" type="radio"/></p> <p>AND All* existing features potentially affected by site works are maintained and adequately protected? <input type="checkbox"/></p> </div> <p>*If a suitably qualified ecologist has confirmed that a feature can be removed due to insignificant ecological value or poor health conditions, as long all the rest have been protected, then this box can be ticked.</p>	1 of 1 Credits	-	

Issue		Credits	Level
Eco 4 Change of Ecological Value of Site	<p>Credits are awarded where the change in ecological value has been calculated in accordance with the Code requirements and is calculated to be:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>Change in Ecological Value _____</p> <p>Major negative change: fewer than -9 <input type="radio"/></p> <p>Minor negative change: between -9 and -3 <input type="radio"/></p> <p>OR Neutral: between -3 and +3 <input type="radio"/></p> <p>Minor enhancement: between +3 and +9 <input checked="" type="radio"/></p> <p>Major enhancement: greater than 9 <input type="radio"/></p> </div>	3 of 4 Credits	-
Eco 5 Building Footprint	<p>Credits are awarded where the ratio of combined floor area of all dwellings on the site to their footprint is:</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>Ratio of Net Internal Floor Area: Net Internal Ground Floor Area _____</p> <p>Credit Not Sought <input checked="" type="radio"/></p> <p>OR Houses: 2.5:1 OR Flats: 3:1 <input type="radio"/></p> <p>OR Houses: 3:1 OR Flats: 4:1 <input type="radio"/></p> <p>OR Houses & Flats Weighted (2.5:1 & 3:1) <input type="radio"/></p> <p>OR Houses & Flats Weighted (3:1 & 4:1) <input type="radio"/></p> </div>	0 of 2 Credits	