

BREEAM 2011 New Construction Pre-Assessment Estimator

This assessment and indicative BREEAM rating is not a formal certified BREEAM assessment or rating and must not be communicated as such. The score presented is indicative of a buildings potential performance and is based on a simplified pre-formal BREEAM assessment and unverified commitments given at an early stage in the design process.

Building name	Waterlooville Leisure Centre Extension
Indicative building score (%)	47.99%
Indicative BREEAM rating	Pre-Assessment result indicates potential for BREEAM Good rating
Indicative minimum standards level achieved	Pre-Assessment result indicates the minimum standards for Very Good level

MANAGEMENT	Section Weighting	12.00%	Indicative Section Score	7.09%
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Man01 Sustainable Procurement

No. of BREEAM credits available	8	Available contribution to overall score	4.36%
No. of BREEAM innovation credits available	1	Minimum standards applicable	Yes

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will roles, responsibilities and a training schedule be defined in accordance with BREEAM?	No	1	0
Will a BREEAM AP be appointed at RIBA stage A/B and performance targets contractually agreed?	No	1	0
Will a BREEAM AP be appointed to monitor and report progress during RIBA stage B-E ?	No	1	0
Will a BREEAM AP be appointed to monitor and report progress during RIBA stage F-L?	No	1	0
Will a thermographic survey be conducted and any defects uncovered remedied?	No	1	0
Will compliant commissioning of building services be carried out?	Yes	1	1
Will compliant seasonal commissioning of building services be carried out?	Yes	1	1
Will water/energy consumption data be recorded and aftercare support provided for 12 months?	Yes	1	1
Will water/energy consumption be recorded/reported for 3 years post construction?	No	1	0

Total indicative BREEAM credits achieved	3
Total indicative contribution to overall building score	1.64%
Total indicative BREEAM innovation credits achieved	0
Indicative minimum standard(s) level	Pre-Assessment result indicates the minimum standards for Outstanding level

Comments/notes:

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Man02 Responsible Construction Practices

No. of BREEAM credits available	2	Available contribution to overall score	1.09%
No. of BREEAM innovation credits available	1	Minimum standards applicable	Yes

Pre-Assessment question/criteria

Which considerate construction scheme will be used or required to be used by the principal contractor?	Considerate Constructors Scheme
For the required scheme, what will be the target performance level set for the site/contractor?	A CCS score between 32 and 35.5.

Total indicative BREEAM credits achieved	2
Total indicative contribution to overall building score	1.09%
Total indicative BREEAM innovation credits achieved	0
Indicative minimum standard(s) level	Pre-Assessment result indicates the minimum standards for Outstanding level

Comments/notes:

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Man03 Construction Site Impacts

No. of BREEAM credits available	5	Available contribution to overall score	2.73%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will site energy consumption be metered/monitored?	Yes	1	1
Will site water consumption be metered/monitored?	Yes	1	1
Will the transport of construction materials and waste to/from site be measured/monitored?	Yes	1	1
Will timber be sourced in accordance with the Government's Timber Procurement Policy?	Yes	1	1
Will/does the principal contractor operate a compliant Environmental Management System?	Yes	1	1
Will the principal contractor adopt best practice pollution prevention policies & procedures?	Yes		

Total indicative BREEAM credits achieved	5
Total indicative contribution to overall building score	2.73%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

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Man04 Stakeholder Participation

No. of BREEAM credits available	4	Available contribution to overall score	2.18%
No. of BREEAM innovation credits available	0	Minimum standards applicable	Yes

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will an appropriate level of consultation activities be undertaken?	No	1	0
Will an access statement be developed and appropriate building user facilities provided?	Yes	1	1
Will building user guides and relevant user information be provided?	Yes	1	1
Will a post occupancy evaluation assessment be undertaken and information disseminated?	Yes	1	1

Total indicative BREEAM credits achieved	3
Total indicative contribution to overall building score	1.64%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	Pre-Assessment result indicates the minimum standards for Outstanding level

Comments/notes:

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Man05 Life cycle cost and service life planning

No. of BREEAM credits available	3	Available contribution to overall score	1.64%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will a feasibility stage Life Cycle Cost (LCC) analysis be commissioned and completed?	No	1	0
Will a strategic and system level LCC be commissioned and completed?	No	1	0
Will a technical design LCC to be commissioned and completed?	No	1	0

Total indicative BREEAM credits achieved	0
Total indicative contribution to overall building score	0.00%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

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HEALTH & WELLBEING	Section Weighting	15.00%	Indicative Section Score	8.57%
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Hea01 Visual Comfort

No. of BREEAM credits available	3	Available contribution to overall score	3.21%
No. of BREEAM innovation credits available	1	Minimum standards applicable	Yes

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will all fluorescent lamps be fitted with high frequency ballasts?	Yes	N/A	N/A
Will all relevant building areas be designed to achieve the appropriate daylight factor(s)?	No	1	
Will the design provide adequate glare control and view out for building users?	Yes	1	1
Will internal/external lighting be specified in accordance with the relevant CIBSE Guides/British Standards?	Yes	1	1
Will all relevant building areas be designed to achieve exemplary level daylight factor(s)?	No	1	0
Total indicative BREEAM credits achieved	2		
Total indicative contribution to overall building score	2.14%		
Total indicative BREEAM innovation credits achieved	0		
Indicative minimum standard(s) level	Pre-Assessment result indicates the minimum standards for Outstanding level		

Comments/notes:

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Hea02 Indoor Air Quality

No. of BREEAM credits available	4	Available contribution to overall score	4.29%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Indicative credits	
		Credits available	achieved
Will an air quality plan be produced?	No	1	0
Will the building be designed to minimise sources of internal air pollution?	No	1	0
Will the relevant products be specified to meet the VOC testing and emission levels required?	No	1	0
Will formaldehyde and total VOC levels be measured post construction?	No	1	0
Will the building be designed to, or have the potential to provide, natural ventilation?	No	1	0

Total indicative BREEAM credits achieved	0
Total indicative contribution to overall building score	0.00%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

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Hea03 Thermal Comfort

No. of BREEAM credits available	2	Available contribution to overall score	2.14%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will thermal modelling of the design be carried out?	Yes	1	1
Will the modelling inform the development of a thermal zoning and control strategy?	Yes	1	1
Total indicative BREEAM credits achieved	2		
Total indicative contribution to overall building score	2.14%		
Total indicative BREEAM innovation credits achieved	N/A		
Indicative minimum standard(s) level	N/A		

Comments/notes:

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Hea04 Water Quality

No. of BREEAM credits available	1	Available contribution to overall score	1.07%
No. of BREEAM innovation credits available	0	Minimum standards applicable	Yes

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will all water systems be designed to comply with the relevant HSE Approved Code of Practice and Guidance?	Yes	1	1
Where humidification is to be provided, will a failsafe humidification system be specified?	Yes		
Will a wholesome supply of accessible, clean and fresh drinking water be supplied for building users?	Yes		

Total indicative BREEAM credits achieved	1
Total indicative contribution to overall building score	1.07%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	Pre-Assessment result indicates the minimum standards for Outstanding level

Comments/notes:

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Hea05 Acoustic Performance

No. of BREEAM credits available	2	Available contribution to overall score	2.14%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will/has a suitably qualified acoustician be appointed to provide appropriate design advice?	Yes		
Will the building meet the relevant acoustic performance standards and testing requirements?	Yes	2	2

Total indicative BREEAM credits achieved	2
Total indicative contribution to overall building score	2.14%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

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Hea06 Safety and Security

No. of BREEAM credits available	2	Available contribution to overall score	2.14%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Where external site areas are present, will safe access be designed for pedestrians and cyclists?	No	1	0
Will a suitably qualified security consultant be appointed and security considerations accounted for?	Yes	1	1
Total indicative BREEAM credits achieved	1		
Total indicative contribution to overall building score	1.07%		
Total indicative BREEAM innovation credits achieved	N/A		
Indicative minimum standard(s) level	N/A		

Comments/notes:

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ENERGY	Section Weighting	19.00%	Indicative Section Score	4.56%
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Ene01 Reduction of CO₂ Emissions

No. of BREEAM credits available	15	Available contribution to overall score	11.40%
No. of BREEAM innovation credits available	5	Minimum standards applicable	Yes

How do you wish to assess the number of BREEAM credits achieved for this issue? Enter building performance data into the Ene01 calculator

Ene01 Calculator

Ene01 Calculator and Key Performance Indicators

Building floor area	1000	m2
Notional building energy demand	350.00	MJ/m2/annum
Actual building energy demand	350.00	MJ/m2/annum
Notional building energy consumption	360.00	kWh/m2/annum
Actual building energy consumption	350.00	kWh/m2/annum
Target Emission Rate (TER)	20.00	kgCO2/m2/annum
Building Emission Rate (BER)	19.50	kgCO2/m2/annum
Building improvement over TER	3.00%	
Demand Energy Performance Ratio (EPR)	0.0000	
Consumption Energy Performance Ratio (EPR)	0.0836	
CO ₂ Energy Performance Ratio (EPR)	0.0241	
Overall Building Energy Performance Ratio (EPR _{NC})	0.1078	

What is the equivalent % of the building's 'regulated' energy consumption that will be generated by carbon neutral sources and used to meet energy demand from 'unregulated' building systems or processes?

Is the building designed to be 'carbon negative' ?

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Total indicative BREEAM credits achieved	1
Total indicative contribution to overall building score	0.76%
Total indicative BREEAM innovation credits achieved	0
Indicative minimum standard(s) level	Pre-Assessment result indicates the minimum standards for Very Good level

Comments/notes:

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Ene02 Energy Monitoring

No. of BREEAM credits available	2	Available contribution to overall score	1.52%
No. of BREEAM innovation credits available	0	Minimum standards applicable	Yes

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will a BMS or sub-meters be specified to monitor energy use from major building services systems?	Yes	1	1
Will a BMS or sub-meters be specified to monitor energy use by tenant/building function areas?	Yes	1	1

Total indicative BREEAM credits achieved	2
Total indicative contribution to overall building score	1.52%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	Pre-Assessment result indicates the minimum standards for Outstanding level

Comments/notes:

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Ene03 External Lighting

No. of BREEAM credits available	1	Available contribution to overall score	0.76%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will external light fittings and controls be specified in accordance with the BREEAM criteria?	Yes	1	1
Total indicative BREEAM credits achieved	1		
Total indicative contribution to overall building score	0.76%		
Total indicative BREEAM innovation credits achieved	N/A		
Indicative minimum standard(s) level	N/A		

Comments/notes:

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Ene04 Low and Zero Carbon Technology

No. of BREEAM credits available	5	Available contribution to overall score	3.80%
No. of BREEAM innovation credits available	1	Minimum standards applicable	Yes

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Please select	No	2	0
Additional BREEAM credits not achievable for above option selection		2	0
Please select	No	1	0
Total indicative BREEAM credits achieved	0		
Total indicative contribution to overall building score	0.00%		
Total indicative BREEAM innovation credits achieved	0		
Indicative minimum standard(s) level	Pre-Assessment result indicates the minimum standards for Very Good level		

Comments/notes:

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Ene05 Energy Efficient Cold Storage

Assessment Issue Not Applicable

No. of BREEAM credits available	N/A	Available contribution to overall score	N/A
No. of BREEAM innovation credits available	N/A	Minimum standards applicable	N/A

Pre-Assessment question/criteria	Response	Indicative credits	
		Credits available	achieved

Total indicative BREEAM credits achieved	N/A
Total indicative contribution to overall building score	N/A
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

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Ene06 Energy Efficient Transportation Systems

Assessment Issue Not Applicable

No. of BREEAM credits available	N/A	Available contribution to overall score	N/A
No. of BREEAM innovation credits available	N/A	Minimum standards applicable	N/A

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved

Total indicative BREEAM credits achieved	N/A
Total indicative contribution to overall building score	N/A
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

Assessment Issue Not Applicable

No. of BREEAM credits available	N/A	Available contribution to overall score	N/A
No. of BREEAM innovation credits available	N/A	Minimum standards applicable	N/A

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Total indicative BREEAM credits achieved	N/A
Total indicative contribution to overall building score	N/A
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

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Ene08 Energy Efficient Equipment

No. of BREEAM credits available	2	Available contribution to overall score	1.52%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria

Which of the following will be present and likely to be a/the major contributor to 'unregulated' energy use:

	Present	Significant majority contributor
Small power/plug in equipment?	Yes	No
Swimming pool?	No	
Communal laundry?	No	
Data centre?	No	
IT-intensive operation areas?	No	
Residential areas?	No	
Healthcare?	No	
Kitchen and catering facilities?	No	

	Indicative compliance?	Credits available	Indicative credits achieved	
Will the significant majority contributor(s) to 'unregulated' energy use (above) meet the BREEAM criteria?	Yes	2	2	N/A

Total indicative BREEAM credits achieved	2
Total indicative contribution to overall building score	1.52%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

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Ene09 Drying Space

Assessment Issue Not Applicable

No. of BREEAM credits available	N/A	Available contribution to overall score	N/A
No. of BREEAM innovation credits available	N/A	Minimum standards applicable	N/A

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved

Total indicative BREEAM credits achieved	N/A
Total indicative contribution to overall building score	N/A
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

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TRANSPORT	Section Weighting	8.00%	Indicative Section Score	4.44%
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Tra01 Public Transport Accessibility

No. of BREEAM credits available	3	Available contribution to overall score	2.67%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria

What is the building type category (for the purpose of Tra01 issue assessment)?	Other Building Type 1
What is the degree of public transport provision for the building's location?	A single BREEAM compliant public transport node available
Building's indicative Accessibility Index	2
Does the building have a dedicated bus service?	
Total indicative BREEAM credits achieved	1
Total indicative contribution to overall building score	0.89%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

Tra02 Proximity to Amenities

No. of BREEAM credits available	1	Available contribution to overall score	0.89%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will the building be in close proximity of and accessible to applicable amenities?	Yes	1	1
Total indicative BREEAM credits achieved	1		
Total indicative contribution to overall building score	0.89%		
Total indicative BREEAM innovation credits achieved	N/A		
Indicative minimum standard(s) level	N/A		

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

Tra03 Cyclist facilities

No. of BREEAM credits available	2	Available contribution to overall score	1.78%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

What is the building type category (for the purpose of Tra03 issue assessment)?	Business - offices, Industrial
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Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will cycle storage spaces be provided?	No	2	0
Will cyclist facilities be provided?	Yes		
Total indicative BREEAM credits achieved	0		
Total indicative contribution to overall building score	0.00%		
Total indicative BREEAM innovation credits achieved	N/A		
Indicative minimum standard(s) level	N/A		

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

Tra04 Maximum Car Parking Capacity

No. of BREEAM credits available	2	Available contribution to overall score	1.78%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Building type category (for the purpose of Tra04 issue)?	Business - offices, Industrial
Buildings indicative Accessibility Index (sourced from issue Tra01)	2

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will the building meet BREEAM's maximum parking capacity criteria for this building type/Accessibility Index?	Yes	2	2
Total indicative BREEAM credits achieved	2		
Total indicative contribution to overall building score	1.78%		
Total indicative BREEAM innovation credits achieved	N/A		
Indicative minimum standard(s) level	N/A		

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

Tra05 Travel Plan

No. of BREEAM credits available	1	Available contribution to overall score	0.89%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will a transport plan based on site specific travel survey/assessment be developed?	Yes	1	1
Total indicative BREEAM credits achieved	1		
Total indicative contribution to overall building score	0.89%		
Total indicative BREEAM innovation credits achieved	N/A		
Indicative minimum standard(s) level	N/A		

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

WATER	Section Weighting	6.00%	Indicative Section Score	4.00%
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Wat01 Water Consumption

No. of BREEAM credits available	5	Available contribution to overall score	3.33%
No. of BREEAM innovation credits available	1	Minimum standards applicable	Yes

Select the level that corresponds closely to the target or likely water component specification?

Level 3 - Three credits

Total indicative BREEAM credits achieved	3
Total indicative contribution to overall building score	2.00%
Total indicative BREEAM innovation credits achieved	0
Indicative minimum standard(s) level	Pre-Assessment result indicates the minimum standards for Outstanding level

Comments/notes:

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Wat02 Water Monitoring

No. of BREEAM credits available	1	Available contribution to overall score	0.67%
No. of BREEAM innovation credits available	0	Minimum standards applicable	Yes

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will there be a water meter on the mains water supply to the building(s)?	Yes	1	1
Will metering/monitoring equipment be specified on the water supply to any relevant plant/building areas?	Yes		
Will all specified water meters have a pulsed output?	Yes		
If the site/building has an existing BMS connection, will all pulsed meters be connected to the BMS?	Yes		

Total indicative BREEAM credits achieved	1
Total indicative contribution to overall building score	0.67%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	Pre-Assessment result indicates the minimum standards for Outstanding level

Comments/notes:

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Wat03 Water Leak Detection and Prevention

No. of BREEAM credits available	2	Available contribution to overall score	1.33%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will a mains water leak detection system be installed on the building's mains water supply?	No	1	0
Will flow control devices be installed in each sanitary area/facility?	Yes	1	1
Total indicative BREEAM credits achieved		1	
Total indicative contribution to overall building score		0.67%	
Total indicative BREEAM innovation credits achieved		N/A	
Indicative minimum standard(s) level		N/A	

Comments/notes:

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Wat04 Water Efficient Equipment

No. of BREEAM credits available	1	Available contribution to overall score	0.67%
No. of BREEAM innovation credits available	No	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will water efficient irrigation methods and/or vehicle wash systems (if relevant) be installed?	Yes	1	1
Total indicative BREEAM credits achieved	1		
Total indicative contribution to overall building score	0.67%		
Total indicative BREEAM innovation credits achieved	N/A		
Indicative minimum standard(s) level	N/A		

Comments/notes:

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MATERIALS	Section Weighting	12.50%	Indicative Section Score	6.73%
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Mat01 Life Cycle Impacts

No. of BREEAM credits available	6	Available contribution to overall score	5.77%
No. of BREEAM innovation credits available	1	Minimum standards applicable	No

Pre-Assessment question/criteria

How do you wish to assess the number of BREEAM credits achieved for this issue?	Define a target number of BREEAM credits to be achieved		
Select the number of BREEAM credits being targeted for the Mat01 issue	4	BREEAM Innovation credits	

Total indicative BREEAM credits achieved	4
Total indicative contribution to overall building score	3.85%
Total indicative BREEAM innovation credits achieved	0
Indicative minimum standard(s) level	N/A

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

Mat02 Hard Landscaping and Boundary Protection

No. of BREEAM credits available	1	Available contribution to overall score	0.96%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will ≥80% of all external hard landscaping and boundary protection achieve a Green Guide A or A+ rating?	No	1	0
Total indicative BREEAM credits achieved	0		
Total indicative contribution to overall building score	0.00%		
Total indicative BREEAM innovation credits achieved	N/A		
Indicative minimum standard(s) level	N/A		

Comments/notes:

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Mat03 Responsible Sourcing

No. of BREEAM credits available	3	Available contribution to overall score	2.88%
No. of BREEAM innovation credits available	1	Minimum standards applicable	Yes

Pre-Assessment question/criteria

How do you wish to assess the number of BREEAM credits achieved for this issue?	Define a target number of BREEAM credits		
Select the number of BREEAM credits being targeted for the Mat03 issue	0	BREEAM Innovation credits	
Will all timber used on the project be sourced in accordance with the UK Govt's Timber Procurement Policy?	Yes		

Total indicative BREEAM credits achieved	0	
Total indicative contribution to overall building score	0.00%	
Total indicative BREEAM innovation credits achieved	0	
Indicative minimum standard(s) level	Pre-Assessment result indicates the minimum standards for Outstanding level	

Comments/notes:

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Mat04 Insulation

No. of BREEAM credits available	2	Available contribution to overall score	1.92%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Is the building targeting an insulating index of 2 or more?	Yes	1	1
Will the building's insulating materials be responsibly sourced?	Yes	1	1

Total indicative BREEAM credits achieved	2
Total indicative contribution to overall building score	1.92%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

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Mat05 Designing for Robustness

No. of BREEAM credits available	1	Available contribution to overall score	0.96%
No. of BREEAM innovation credits available	0	Minimum standards applicable	N/A

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will suitable durability/protection measures be specified and installed to vulnerable areas of the building?	Yes	1	1
Total indicative BREEAM credits achieved	1		
Total indicative contribution to overall building score	0.96%		
Total indicative BREEAM innovation credits achieved	N/A		
Indicative minimum standard(s) level	N/A		

Comments/notes:

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WASTE	Section Weighting	7.50%	Indicative Section Score	3.75%
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Wst01 Construction Waste Management

No. of BREEAM credits available	4	Available contribution to overall score	5.00%
No. of BREEAM innovation credits available	1	Minimum standards applicable	Yes

Pre-Assessment question/criteria

How do you wish to assess the number of BREEAM credits achieved for this issue?	Define a target number of BREEAM credits to be achieved		
Select the number of BREEAM credits being targeted for the Wst01 issue	2	BREEAM Innovation credits	

Total indicative BREEAM credits achieved	2
Total indicative contribution to overall building score	2.50%
Total indicative BREEAM innovation credits achieved	0
Indicative minimum standard(s) level	Pre-Assessment result indicates the minimum standards for Outstanding level

Comments/notes:

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Wst02 Recycled Aggregates

No. of BREEAM credits available	1	Available contribution to overall score	1.25%
No. of BREEAM innovation credits available	1	Minimum standards applicable	No

Pre-Assessment question/criteria

How do you wish to assess the number of BREEAM credits achieved for this issue?	Define a target number of BREEAM credits to be achieved		
Select the number of BREEAM credits being targeted for the Wst02 issue	0	BREEAM Innovation credits	

Total indicative BREEAM credits achieved	0
Total indicative contribution to overall building score	0.00%
Total indicative BREEAM innovation credits achieved	0
Indicative minimum standard(s) level	N/A

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

Wst03 Operational Waste

No. of BREEAM credits available	1	Available contribution to overall score	1.25%
No. of BREEAM innovation credits available	0	Minimum standards applicable	Yes

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will appropriate facilities for the storage of operational recyclable waste volumes be provided?	Yes	1	1
If relevant, will a static waste compactor(s) or baler(s) be specified/installed?	N/A		
If relevant, will a vessel for composting suitable organic waste be specified/installed?	N/A		

Total indicative BREEAM credits achieved	1
Total indicative contribution to overall building score	1.25%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	Pre-Assessment result indicates the minimum standards for Outstanding level

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

Wst04 Speculative Floor and Ceiling Finishes

Assessment Issue Not Applicable

No. of BREEAM credits available	N/A	Available contribution to overall score	N/A
No. of BREEAM innovation credits available	N/A	Minimum standards applicable	N/A

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Total indicative BREEAM credits achieved	N/A		
Total indicative contribution to overall building score	N/A		
Total indicative BREEAM innovation credits achieved	N/A		
Indicative minimum standard(s) level	N/A		

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

LAND USE & ECOLOGY

Section Weighting

10.00%

Indicative Section Score

5.00%

LE01 Site Selection

No. of BREEAM credits available	2	Available contribution to overall score	2.00%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will at least 75% of the proposed development's footprint be located on previously been developed land?	No	1	0
Is the site deemed to be significantly contaminated?	No	1	0

Total indicative BREEAM credits achieved	0
Total indicative contribution to overall building score	0.00%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

LE02 Ecological Value of Site and Protection of Ecological Features

No. of BREEAM credits available	1	Available contribution to overall score	1.00%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Can the land within the construction zone be defined as 'land of low ecological value'?	Yes	1	1
Will all features of ecological value surrounding the construction zone/site boundary be protected?	Yes		
Total indicative BREEAM credits achieved	1		
Total indicative contribution to overall building score	1.00%		
Total indicative BREEAM innovation credits achieved	N/A		
Indicative minimum standard(s) level	N/A		

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

LE03 Mitigating Ecological Impact

No. of BREEAM credits available	2	Available contribution to overall score	2.00%
No. of BREEAM innovation credits available	0	Minimum standards applicable	Yes

Pre-Assessment question/criteria

What is the likely change in ecological value (plant species richness) as a result of the sites development?	No negative change or improvement in plant species richness
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Total indicative BREEAM credits achieved	2
Total indicative contribution to overall building score	2.00%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	Pre-Assessment result indicates the minimum standards for Outstanding level

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

LE04 Enhancing Site Ecology

No. of BREEAM credits available	3	Available contribution to overall score	3.00%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will a suitably qualified ecologist be appointed to report on enhancing and protecting site ecology?	Yes	3	2
Will the suitably qualified ecologists general recommendations be implemented?	Yes		
What is the targeted/intended improvement in ecological value as a result of enhancement actions?	Small improvement in plant species richness		

Total indicative BREEAM credits achieved	2
Total indicative contribution to overall building score	2.00%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

LE05 Long Term Impact on Biodiversity

No. of BREEAM credits available	2	Available contribution to overall score	2.00%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will the building meet BREEAM's mandatory criteria for this BREEAM issue?	No	2	0
Will a Biodiversity Champion be appointed to monitor/minimise impacts of site activities on biodiversity?			
Will the contractor provide training for the site workforce on how to protect ecology during the project?			
Will the contractor record actions to protect biodiversity and monitor their effectiveness during construction?			
Will a new ecologically valuable habitat, appropriate to the local area, be created?			
Where flora/fauna habitats exist on site, will the contractor programme site works to minimise disturbance?			

Total indicative BREEAM credits achieved	0
Total indicative contribution to overall building score	0.00%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

POLLUTION	Section Weighting	10.00%	Indicative Section Score	3.85%
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Pol01 Impact of Refrigerants

No. of BREEAM credits available	3	Available contribution to overall score	2.31%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will refrigerant containing systems be installed in the assessed building?	Yes	2	0
Is the Global Warming Potential of the specified refrigerant(s) likely to be 10 or less?	No		
What is the target range Direct Effect Life Cycle CO ₂ eq. emissions for the system?	>1000	kgCO ₂ eq/kW coolth capacity	
Will a refrigerant leak detection and containment system be specified/installed?	No	1	0
Total indicative BREEAM credits achieved	0		
Total indicative contribution to overall building score	0.00%		
Total indicative BREEAM innovation credits achieved	N/A		
Indicative minimum standard(s) level	N/A		

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

Pol02 NO_x Emissions

No. of BREEAM credits available	3	Available contribution to overall score	2.31%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria

Response

Please enter the target/maximum NO _x emission level for space heating system	120.00	mg/kWh
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Total indicative BREEAM credits achieved	0
Total indicative contribution to overall building score	0.00%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

Pol03 Surface Water Run off

No. of BREEAM credits available	5	Available contribution to overall score	3.85%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
What is the actual/likely annual probability of flooding for the assessed site?	Please select	2	0
Will a Flood Risk Assessment be undertaken and ground level of the building/access meet BREEAM criteria?	No		
Will the site meet the BREEAM criteria for peak rate surface water run off?	Yes	1	1
Will the site meet the criteria for surface water run off volume, attenuation and/or limiting discharge?	Yes	1	1
Will the site be designed to minimise watercourse pollution in accordance with the BREEAM criteria?	Yes	1	1

Total indicative BREEAM credits achieved	3
Total indicative contribution to overall building score	2.31%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

Pol04 Reduction of Night Time Light Pollution

No. of BREEAM credits available	1	Available contribution to overall score	0.77%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will the external lighting be designed to reduce light pollution?	Yes	1	1
Total indicative BREEAM credits achieved	1		
Total indicative contribution to overall building score	0.77%		
Total indicative BREEAM innovation credits achieved	N/A		
Indicative minimum standard(s) level	N/A		

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

Pol05 Noise Attenuation

No. of BREEAM credits available	1	Available contribution to overall score	0.77%
No. of BREEAM innovation credits available	0	Minimum standards applicable	No

Pre-Assessment question/criteria	Response	Credits available	Indicative credits achieved
Will there be, or is there noise-sensitive areas/buildings within 800m radius of the development?	Yes	1	1
Will a noise impact assessment be completed and, if applicable, noise attenuation measures specified?	Yes		

Total indicative BREEAM credits achieved	1
Total indicative contribution to overall building score	0.77%
Total indicative BREEAM innovation credits achieved	N/A
Indicative minimum standard(s) level	N/A

Comments/notes:

BREEAM 2011 New Construction Pre-Assessment Estimator

INNOVATION	Section Weighting	10.00%	Indicative Section Score	0.00%
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Inn01 Innovation

No. of BREEAM innovation credits available	10	Available contribution to overall score	10.00%
		Minimum standards applicable	No

Pre-Assessment question/criteria	Exemplary level achieved	Credits available	Indicative credits achieved
Man01 Sustainable Procurement	No	1	0
Man02 Responsible Construction Practices	No	1	0
Hea01 Visual Comfort	No	1	0
Ene01 Reduction of CO2 Emissions	No	5	0
Ene04 Low and Zero Carbon Technology	No	1	0
Ene05 Energy Efficient Cold Storage	N/A	N/A	N/A
Wat01 Water Consumption	No	1	0
Mat01 Life Cycle Impacts	No	1	0
Mat03 Responsible Sourcing of Materials	No	1	0
Wst01 Construction Waste Management	No	1	0
Wst02 Recycled Aggregates	No	1	0

Total indicative BREEAM credits achieved	0
Total indicative contribution to overall building score	0.00%
Indicative minimum standard(s) level	N/A

Comments/notes: