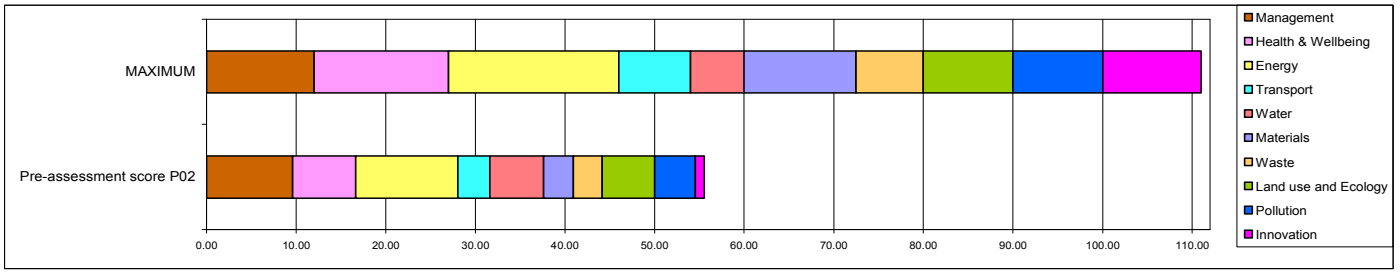
Buro Happold

Barnsley BSF Stage 3 - *Foulstone Wombwell* BREEAM Education 2008



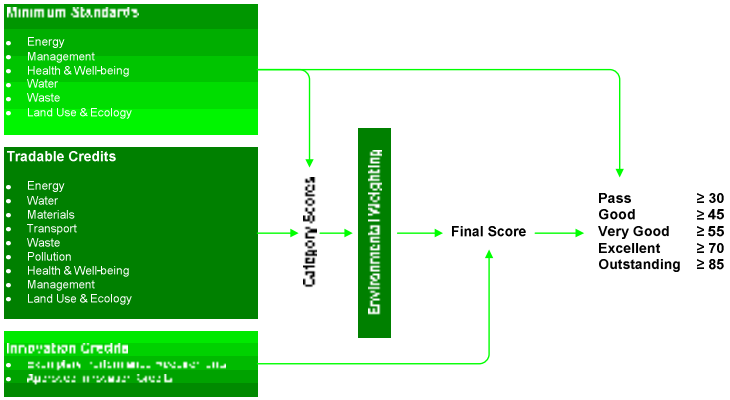
Total BREEAM Score **55.54%**

BREEAM Rating **VERY GOOD**

BREEAM Overview

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 is the standard measure used to describe a building's environmental performance. The purpose of carrying out a BREEAM assessment is to mitigate the impact of buildings on the environment, enable buildings to be recognised according to their environmental benefits, provide a credible environmental label and stimulate demand for sustainable buildings.

The below figure provides an example of the BREEAM assessment method: the score is composed of weighted points from achieving minimum standards, tradable credits and innovation credits in ten categories. These credits are then added together to produce a single overall score on a scale of Pass, Good, Very Good, Excellent and Outstanding



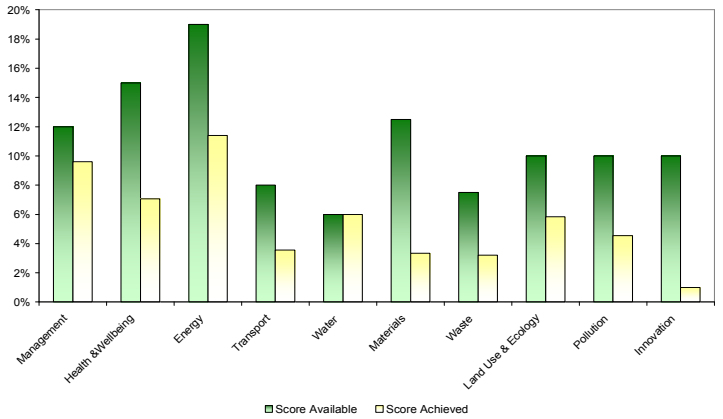
Foulstone Wombwell

The BREEAM pre-assessment for Foulstone Wombwell ALC has been completed through examination of the design plans and discussion with key members of the Design Team to achieve the target score of BREEAM Very Good. The figure below summarises the current BREEAM pre-assessment breakdown of scores within each category.

The Foulstone Wombwell ALC scores particularly well with respect to the Management and Water elements.

Through conservative estimates of credits and the nature of the site, the development fails to score particularly well on the Materials, Waste and Pollution sections. The Foulstone Wombwell ALC currently scores 55.54%, which meets the 55% required to achieve a Very Good rating.

Assessed Building's BREEAM Performance by Section



Ref	Credit	Credit Aim	Expected Credits	Available Credits	Ownership	Credit Validation
01 Management						
Man 1	Commissioning	To recognise and encourage an appropriate level of building services commissioning that is carried out in a co-ordinated and comprehensive manner, thus ensuring optimum performance under actual occupancy conditions	2	2	Contractor	**Two credits achievable.** Full commissioning of the building services will be undertaken before and after occupancy for 12 months. Specialist commissioning managers will be appointed to oversee the complex systems.
Man 2	Considerate Constructors	To recognise and encourage construction sites which are managed in an environmentally and socially considerate and accountable manner.	2	2	Contractor	**Two credits achievable.** A score of between 32 and 35.5 must be achieved in the Considerate Constructors Scheme, with a minimum score of 3 in each section.
Man 3	Contraction Site Impacts	To recognise and encourage construction sites managed in an environmentally sound manner in terms of resource use, energy consumption and pollution.	4	4	Contractor	**Four credits achievable.** A structured framework for managing construction site impacts must be implemented on-site. This will include: monitoring of CO_2 from site activities and transport, monitoring of water consumption on-site, implementing best practice in terms of air and water pollution on-site, implementation of an environmental materials policy and operational of an Environmental Management System. In addition to this all timber should be FSC certified.
Man 4	Building User Guide	To recognise and encourage the provision of guidance for the non-technical building user so they can understand and operate the building efficiently	1	1	Contractor	**One credit achievable.** A building user guide for FM Staff and non-technical building users will be produced which covers aspects of the building's operation including building services, energy transport and training.
Man 5	Site Investigation	To recognise and encourage detailed site investigation to ensure the building accounts for site conditions and any remedial action required is taken.	1	1	Geotechnical Engineer	**One credit achievable.** A compliant site investigation has been undertaken before stage C and meets the relevant codes of practice.
Man 6	Consultation	To involve the relevant stakeholders (including building users, business, residents and local government) in the design process in order to provide buildings fit for purpose and to increase local "ownership"	1	2	Contractor/ Architect	**One credit achievable.** Consultation with the Design Team and the local community has been undertaken and feedback from the stakeholders incorporated into the design. The second credit will not be achieved as the consultation will not use an independent method carried out by a third party.

Man 7	Shared Facilities	To recognise and encourage flexible buildings designed to cater for shared use with the local community	2	2	Architect	**Two credits achievable.** Potential users of shared facilities must be consulted regarding the design and access to the facilities. Any shared facilities must be suitably secure to ensure members of the public do not gain uncontrolled access to other parts of the building.
Man 8	Security	To recognise and encourage the implementation of effective design measures that will reduce the opportunity for and fear of crime on the new development	1	1	Architect	**One credit achievable.** Advice on designing out the opportunity for crime in line with the Secured by Design (SBD) principles must be sought and incorporated.
Man 9	Publication of Building Information	To recognise and encourage the publication of information related to the aspects of the design and procurement process' which reduce the overall environmental impact of the building	0	1	Contractor	**No credits assumed.** Information regarding the design process which reduces overall environmental impact must be published. This may be achievable, but is not currently assumed.
Man 10	Development as a Learning Resource	To recognise and encourage the use of the building and site as a learning resource for demonstrating environmental awareness	1	1	Architect/ Landscape Architect	**One credit achievable.** The building and landscape will incorporate features to demonstrate local /global impacts of buildings and operation and possible methods for mitigation.
Man 11	Ease of Maintenance	To recognise and encourage the specification of a building and building services that can be easily maintained during their lifecycle.	1	1	Design Team	**One credit achievable.** The design team will refer to the relevant CIBSE guidance on the maintenance of the building and building services so they can be easily maintained during their lifecycle.
Man 12	Life Cycle Costing	To recognise and encourage the development of a Life Cycle Cost (LCC) analysis model for the project to improve design, specification and through-life maintenance and operation.	0	2	Contractor	**No credits assumed.** Life cycle costing must be undertaken at a strategic level for the first credit to be awarded. The results must be implemented into the design for the second credit to be awarded. These credits may be achievable, but are not currently assumed.
02 Health & Well-being						
Hea 1	Daylighting	To give building users sufficient access to daylight	0	1	Architect/ M&E Engineer	**No credits assumed.** 80% of occupied areas must achieve a 2% daylight factor for the credit to be awarded. This may be possible, however it is not currently assumed until further daylight analysis has been undertaken.
Hea 2	View Out	To allow occupants to refocus their eyes from close work and enjoy an external view, thus reducing the risk of eyestrain and breaking the monotony of the indoor environment.	0	1	Architect	**One credit achievable.** The room depth is greater than 7m in most classrooms, therefore the credit is not awarded at this time. It may be possible to award if the furniture layout shows that all workstations are within 7m of a wall with a complaint opening.
Hea 3	Glare Control	To reduce problems associated with glare in occupied areas through the provision of adequate controls.	0	1	Architect	**No credit assumed.** Shading for Foulstone Wombwell will be controlled through the glass specification, therefore this credit will not be possible.

Hea 4	High Frequency Lighting	To reduce the risk of health problems related to the flicker of fluorescent lighting	1	1	M&E Engineer	**One credit achievable.** All fluorescent and compact fluorescent lights should be fitted with high frequency ballasts.
Hea 5	Internal and External Lighting Levels	To ensure lighting has been designed in line with best practice for visual performance and comfort.	1	1	M&E Engineer	**One credit achievable.** The relevant CIBSE codes of practice for internal and external lighting levels should be met to award this credit.
Hea 6	Lighting Zones and Controls	To ensure occupants have easy and accessible control over lighting within each relevant building area.	1	1	M&E Engineer	**One credit achievable.** Lighting should be zoned to allow separate occupant control where necessary.
Hea 7	Potential for Natural Ventilation	To recognise and encourage adequate cross flow of air in naturally ventilated buildings and flexibility in air-conditioned/mechanically ventilated buildings for future conversion to a natural ventilation strategy.	0	1	M&E Engineer	**No credit assumed.** It is assumed that this credit will not be possible to award.
Hea 8	Indoor Air Quality	To reduce the risk to health associated with poor indoor air quality.	0	1	M&E Engineer	**No credit assumed.** At this stage it can not be confirmed that the building's air intakes and extracts will be over 10m apart. This may be possible to confirm at a later stage and the credit awarded.
Hea 9	Volatile Organic Compounds	To recognise and encourage a healthy internal environment through the specification of internal finishes and fittings with low emissions of volatile organic compounds (VOCs).	0	1	Architect	**No credits assumed.** Specified Internal finishes and fittings must include low emissions of VOCs. This credit may be achievable, however further investigation must be provided
Hea 10	Thermal Comfort	To ensure, with the use of design tools, that appropriate thermal comfort levels are achieved.	1	1	M&E Engineer	**One credit achievable.** A full thermal analysis using compliant software will be undertaken. The credit will be awarded if the relevant BB101 standards are met.
Hea 11	Thermal Zoning	To recognise and encourage the provision of user controls which allow independent adjustment of heating/cooling systems within the building.	1	1	M&E Engineer	**One credit achievable.** The heating and cooling systems should be controlled to allow occupant control of zoned areas within occupied spaces.
Hea 12	Microbial Contamination	To ensure the building services are designed to reduce the risk of legionellosis in operation.	1	1	M&E Engineer	**One credit achievable.** All water systems must be designed in compliance with the relevant Approved Code of Practice (ACoP) guidelines.
Hea 13	Acoustic Performance	To ensure the acoustic performance of the building meets the appropriate standards for its purpose.	0	3	Acoustician	**No credits assumed.** Currently a conservative estimate has been made regarding the credits for acoustic performance. The acoustician confirms that two credits may be possible, however these are assumed at the current time.
Hea 16	Drinking Water	To provide appropriate and available supplies of free, fresh, chilled drinking water to building occupants throughout the day	1	1	M&E Engineer	**One credit achievable.** Water fountains will be provided throughout the school. A compliant type and number must be provided for the credit to be awarded.

Hea 17	Specification of Laboratory Fume Cupboards	To ensure that laboratory fume cupboards and safety cabinets are designed and specified in accordance with best practice.	1	1	Furniture Supplier	**One credit achievable.** The fume cupboards specified meet the relevant BB88 standards and discharged velocity.
03 Energy						
Ene 1	Reduction of CO_2 Emissions	To recognise and encourage buildings that are designed to minimise the CO_2 emissions associated with their operational energy consumption.	6	15	M&E Engineer	**6 credits achievable.** Currently a conservative estimate of 6 of a possible 15 credits has been assumed until further energy analysis has been undertaken. This is likely to improve as all of the heating will be supplied from biomass and in addition a wind turbine contribute towards the electricity demand.
Ene 2	Sub-metering of Substantial Energy Uses	To recognise and encourage the installation of energy sub0metering that facilitates the monitoring of in-use energy consumption.	1	1	M&E Engineer	**One credit achievable.** Accessible energy sub-meters labelled with end energy consuming use will be provided for the major building systems. These will be connected to a BMS for monitoring
Ene 3	Sub-metering of High Energy Load and Tenancy Areas	To recognise and encourage the installation of energy sub-metering that facilitates the monitoring of in-use energy consumption by tenant or end user.	0	1	M&E Engineer	**No credits assumed.** It is not currently expected that accessible energy sub-meters labelled with end energy consuming use should be provided to all relevant function areas and departments.
Ene 4	External Lighting	To recognise and encourage the specification of energy-efficient light fittings for external areas of the development.	1	1	M&E Engineer	**One credit achievable.** Energy efficient light fittings will be installed in all external areas of the site.
Ene 5	Low or Zero Carbon Technologies	To reduce carbon emissions and atmospheric pollution by encouraging local energy generation from renewable sources to supply a significant proportion of the energy demand.	3	3	M&E Engineer	**Three credits achievable.** A LZC feasibility study has been undertaken for Barnsley BSF which recommends biomass and wind as the most suitable options on-site. These systems will reduce carbon emissions by over 15% to award all 3 credits.
Ene 8	Lifts	To recognise and encourage the specification of energy-efficient transportation systems.	2	2	M&E Engineer	**Two credits achievable.** An analysis of transport demand and patterns for the school will be carried out to determine the optimum number and size of lifts and counterbalancing ratio, and the strategy with the lowest energy consumption specified. The energy-efficient features that provide the greatest savings will be recommended and incorporated into the lift design for the second credit.
Ene 10	Free Cooling	To reduce the dependency of the building on conventional mechanical refrigeration to provide adequate thermal comfort conditions.	1	1	M&E Engineer	**One credit achievable.** Foulstone Wombwell will utilise night time cooling, which is a complaint free cooling strategy.
Ene 11	Energy Efficient Fume Cupboards	To ensure the energy-efficient design and operation of fume cupboards in laboratory areas.	1	1	M&E Engineer	**No credits assumed.** The fume cupboard mechanical design will meet Good Practice Guidelines 320 and compliant face velocity.

04 Transport						
Tra 1	Provision of Public Transport	To recognise and encourage development in proximity to good public transport networks, thereby helping to reduce transport-related emissions and traffic congestion.	1	3	Architect	**One credit achievable.** A dedicated school bus will be provided to Foulstone Wombwell, therefore one credit can be awarded. Additional credits are unlikely due to the location of the school, this will be investigated further at the next stage.
Tra 2	Proximity to Amenities	To encourage and reward a building that is located in proximity to local amenities, thereby reducing the need for external travel or multiple trips.	0	1	Architect	**No credits assumed.** It is not currently known if the required facilities are within the compliant distance of the school entrance. This may be awarded if the facilities in place or to be built.
Tra 3	Cyclist Facilities	To encourage building users to cycle by ensuring adequate provision of cyclist facilities.	1	2	Landscape Architect/ Architect	**One credit achievable.** The cycle spaces on site will meet the number and compliance requirements for one credit to be awarded. A further credit will be awarded if drying space or compliant lockers are incorporated into the design.
Tra 4	Pedestrian and Cyclist Safety	To recognise and encourage the provision of safe and secure pedestrian and cycle access routes on the development.	1	1	Landscape Architect	**One credit achievable.** The site design will comply with best practice to ensure the safety of pedestrians and cyclists.
Tra 5	Travel Plan	To recognise the consideration given to accommodating a range of travel options for building users, thereby encouraging the reduction of user reliance on forms of travel that have the highest environmental impact.	0	1	BMBC	**No credits assumed.** A travel plan/transport assessment has been undertaken by Barnsley Metropolitan Borough Council, however this is not currently compliant. If the recommended amendments are made, then the credit will be achievable.
Tra 8	Deliveries and Manoeuvring	To ensure that safety is maintained and disruption due to delivery vehicles minimised through well-planned layout and access to the site.	1	1	Landscape Architect	**One credit achievable.** The site will be designed to ensure there is suitable areas for delivery and access.
05 Water						
Wat 1	Water Consumption	To minimise the consumption of potable water in sanitary applications by encouraging the use of low water use fittings.	3	3	M&E Engineer	**Three credits achievable.** Low water sanitary fittings will be specified as with the previous phases. Half of the rainwater from the roof will contribute towards WC flushing, therefore three credits have been assumed.
Wat 2	Water Meter	To ensure water consumption can be monitored and managed and therefore encourage reductions in water consumption	1	1	M&E Engineer	**One credit achievable.** A water meter will be installed on the mains water supply to the building.

Wat 3	Major Leak Detection	To reduce the impact of major water leaks that may otherwise go undetected.	1	1	M&E Engineer	**One credit achievable.** A compliant leak detection system will be installed which is capable of detecting major leaks on the water supply between the building and site boundary.
Wat 4	Sanitary Supply Shut Off	To reduce the risk of minor leaks in toilet facilities.	1	1	M&E Engineer	**One credit achievable.** Solenoid valves will be installed on the water supply to each toilet area and the flow of water controlled through a link to sensors/detectors in each toilet facility.
Wat 5	Water Recycling	To encourage the collection and re-use of waste water or rainwater to meet toilet flushing needs and reduce the demand for potable fresh water.	1	1	M&E Engineer	**One credit achievable.** Half of the rainwater run-off from the school's roof will be collected and used for WC flushing demand.
Wat 6	Irrigation Systems	To reduce the consumption of potable water for ornamental planting and landscape irrigation.	1	1	Landscape Architect	**One credit achievable.** Credit awarded by default as the landscaping will be irrigated by precipitation.
06 Materials						
Mat 1	Materials Specification (Major Building Elements)	To recognise and encourage the use of construction materials with a low environmental impact over the full life cycle of the building.	3	6	Architect	**Three credits achievable.** It has been assumed that three credits will be achievable based on scores awarded in the previous phases. Further analysis will be undertaken at the next stage.
Mat 2	Hard Landscaping and Boundary Protection	To recognise and encourage the specification of materials for boundary protection and external hard surfaces that have a low environmental impact, taking account of the full life cycle of materials used.	0	1	Landscape Architect	**No credits assumed.** It is not currently expected that this credit will be awarded.
Mat 3	Re-Use of Façade	To recognise and encourage the in-situ reuse of existing building façades.	0	1	Structural Engineer	**No credits assumed.** This credit will not be awarded as the school does not utilise any existing façade.
Mat 4	Re-Use of Structure	To recognise and encourage the reuse of existing structures that previously occupied the site.	0	1	Structural Engineer	**No credits assumed.** This credit will not be awarded as the school does not utilise any existing structure.
Mat 5	Responsible Sourcing of Materials	To recognise and encourage the specification of responsibly sourced materials for key building elements.	0	3	Contractor/ Architect	**No credits assumed.** Currently a conservative estimate of no credits has been assumed. It may be possible to improve on this in the next stage if evidence is provided that materials have been responsibly sourced.
Mat 6	Insulation	To recognise and encourage the use of thermal insulation which has a low embodied environmental impact relative to its thermal properties and has been responsibly sourced.	0	2	Architect	**No credits assumed.** A conservative score of no credits is currently assumed. One credit may be awarded if the insulation has a low embodied impact. Another credit will be awarded if the insulation is responsibly sourced.

Mat 7	Designing for Robustness	To recognise and encourage adequate protection of exposed parts of the building and landscape, therefore minimising the frequency of use of replacement materials.	1	1	Architect/ Landscape Architect	**One credit achievable.** The architect and landscape architect have confirmed that suitable protection measures will be designed to protect the building and landscaping.
07 Waste						
Wst 1	Construction Site Waste Management	To promote resource efficiency via the effective and appropriate management of construction site waste.	1	4	Contractor	**One credit achievable.** A conservative estimate of one credits has been assumed. A further two credits will be awarded for implementing a SWMP with non-hazardous waste resource efficiency targets. An additional credit is available for diverting 75% by weight, or 65% by volume of non-hazardous waste from landfill and it has been reused.
Wst 2	Recycled Aggregates	To recognise and encourage the use of recycled and secondary aggregates in construction, thereby reducing the demand for virgin material.	0	1	Architect	**No credit assumed.** One credit may be awarded if more than 25% of the total high-grade aggregate is made up of recycled or secondary aggregate.
Wst 3	Recyclable Waste Storage	To recognise the provision of dedicated storage facilities for a building's operational-related recyclable waste streams, so that such waste is diverted from landfill or incineration.	2	2	Landscape Architect/ FM Team	**Two credits achievable.** A compliant recyclable waste store will be located within 20m of a building entrance. A recycling policy will be implemented by the school, therefore the credit can be awarded.
08 Land-Use and Ecology						
LE 1	Reuse of Land	To encourage the reuse of land that has been previously developed, and discourage the use of previously undeveloped land for building.	1	1	Landscape Architect	**One credit achievable.** The footprint of the school will be located in area of which the majority has been previously used in the previous 50 years.
LE 2	Contaminated Land	To encourage positive action to use contaminated land that otherwise would not have been remediated and developed.	1	1	Geotechnical Engineer	**One credit achievable.** The site is classified as contaminated and appropriate remediation will be undertaken prior to construction.
LE 3	Ecological Value of Site and Protection of Ecological Features	To encourage development on land that already has limited value to wildlife and to protect existing ecological features from substantial damage during site preparation and completion of construction works.	0	1	Landscape Architect	**No credit assumed.** It is not expected that this credit will be achieved as trees will need to be removed on-site for the development.
LE 4	Mitigating Ecological Impact	To minimise the impact of a building development on existing site ecology.	2	2	Ecologist	**Two credits achievable.** An estimated two credits will be achieved if there is no negative change in the ecological value of the site. An ecologist will be appointed at stage 2 to advise on planting schemes to achieve this.
LE 5	Enhancing Site Ecology	To recognise and encourage actions taken to maintain and enhance the ecological value of the site as a result of development	2	3	Ecologist	**Two credits achievable.** A conservative estimate of two credits is made at this stage. An ecologist will be appointed at stage 2 to advice on planting schemes to achieve a positive increase of up to 6 plant species.

LE 6	Long Term Impact of Biodiversity	To minimise the long term impact of the development on the site's, and surrounding area's, biodiversity.	0	2	Ecologist	**No credits assumed.** An ecologist will be appointed at stage 2. This credit may be possible if a landscape and management plan is produced and measures to protect and enhance ecology through the project are undertaken.
LE 7	Consultation with Students and Staff	To encourage the design team to include pupils and staff in the design of the school grounds.	1	1	Landscape Architect	**One credit achievable.** Consultation has been undertaken with staff and students regarding the landscaping and external design of the school.
LE 8	Local Wildlife Partnership	To encourage the design team to form a partnership with a local group that has wildlife expertise, in order to benefit from their local knowledge and ongoing support.	0	1	Landscape Architect	**No credits assumed.** Consultation with a local wildlife group has not yet been undertaken. This credit can be awarded if a partnership is set up between the design team and a local group with wildlife expertise.
09 Pollution						
Pol 1	Refrigerant GWP - Building Services	To reduce the contribution to climate change from refrigerants with a high global warming potential.	0	1	M&E Engineer	**No credits assumed.** Credit may be achieved if refrigerants used within the building services have a GWP of less than 5.
Pol 2	Preventing Refrigerant Leaks	To reduce the emissions of refrigerants to the atmosphere arising from leakages in cooling plant.	0	1	M&E Engineer	**No credits assumed.** Credits are assumed not achievable at present.
Pol 4	Nox Emissions from Heating Source	To encourage the supply of heat from a system that minimises NOx emissions, and therefore reduces pollution of the local environment.	0	3	M&E Engineer	**No credits assumed.** This credit is unattainable as biomass is used to meet the heating and hot water demand for the school.
Pol 5	Flood Risk	To encourage development in low flood risk areas or to take measures to reduce the impact of flooding on buildings in areas with a medium or high risk of flooding.	2	3	Civil Engineer	**Two credits achievable** The majority of the proposed development is located in flood zone 1, however a small area to the west is in flood zone 2, therefore the maximum two credits for site location can not be achieved. The additional credit for implementing sustainable drainage solutions should be achievable.
Pol 6	Minimising Watercourse Pollution	To reduce the potential for silt, heavy metals, chemicals or oil pollution to natural watercourses from surface water run-off from buildings and hard surfaces.	1	1	Civil Engineer	**One credit achievable.** Measures to reduce the risk of pollution to watercourses in line with PPG3 and the SUDS manual will be put into place.
Pol 7	Reduction of Night Time Light Pollution	To ensure that external lighting is concentrated in the appropriate areas and that upward lighting is minimised, reducing unnecessary light pollution, energy consumption and nuisance to neighbouring properties.	1	1	M&E Engineer	**One credit achievable.** The external lighting strategy will be designed in compliance with the Institute for Lighting Engineers Design Guidance.

Pol 8	Noise Attenuation	To reduce the likelihood of noise from the new development affecting nearby noise-sensitive buildings.	1	1	Acoustician	**One credit achievable.** A compliant noise impact assessment must be undertaken and any identified remediation measures undertaken to reduce the noise from the proposed school. This credit should be achievable.
Innovation						
Man 2	Considerate Constructors	To recognise and encourage construction sites which are managed in an environmentally and socially considerate and accountable manner.	0	1	Contractor	**No credits assumed.** A score of 36 or more in the Considerate Constructors Scheme is required. This may be possible to achieve, however a conservative estimate of no credits is currently made.
Hea 1	Daylighting	To give building users sufficient access to daylight	0	1	M&E Engineer	**No credits assumed.** It is not expected that a daylight factor of 3% will be achieved in 80% of the rooms.
Ene 1	Reduction of CO_2 Emissions	To recognise and encourage buildings that are designed to minimise the CO_2 emissions associated with their operational energy consumption.	0	2	M&E Engineer	**No credits assumed.** These credits will not be achieved.
Ene 5	Low or Zero Carbon Technologies	To reduce carbon emissions and atmospheric pollution by encouraging local energy generation from renewable sources to supply a significant proportion of the energy demand.	1	1	M&E Engineer	**One credits achievable.** Carbon emission reductions from the biomass boiler and wind turbines will meet the 20% target for this credit to be awarded.
Wat 2	Water Meter	To ensure water consumption can be monitored and managed and therefore encourage reductions in water consumption	0	1	M&E Engineer	**No credits assumed.** This credit is not currently expected to be achieved, however could be if sub-meters are fitted to allow the metering of individual water-consuming building areas where demand is ≥10% of total water demand.
Mat 1	Materials Specification (Major Building Elements)	To recognise and encourage the use of construction materials with a low environmental impact over the full life cycle of the building.	0	1	Architect	**No credits assumed.** It is not expected that this credit will be awarded.
Mat 5	Responsible Sourcing of Materials	To recognise and encourage the specification of responsibly sourced materials for key building elements.	0	1	Contractor/ Architect	**No credits assumed.** It is not expected that this credit will be awarded.
Wst 1	Construction Site Waste Management	To promote resource efficiency via the effective and appropriate management of construction site waste.	0	1	Contractor	**No credits assumed.** The innovation credit can be awarded where 90% by weight, 80% by volume of non-hazardous construction waste is diverted from landfill and reused. This is not currently expected.
Inn 1	BREEAM Accredited Professional	To promote the use of a BREEAM AP assessor in the Design and construction process.	0	2	BREEAM Assessor	**No credits assumed.** This credit is not currently assumed, however two credits may be possible at a later stage.