

General information

| | |
|------------------------------|--------------------------|
| BRE Assessment reference no. | BREEAM-0059-1800 |
| Client name | Nishkam West London |
| Building end user/occupier | Nishkam West London |
| Assessor name | Julia Messenger |
| Assessor organisation | BAM Construct UK Limited |

Building details

| | |
|---|--|
| Building name | Nishkam West London |
| Country | England |
| Building type (main description) | Education |
| Building type (sub-group) | Education - All age range school |
| Building floor area (GIA) m ² | 9436 |
| Building floor area (NIFA) m ² | 8490 (estimate) |
| BREEAM scheme | New Construction |
| BREEAM version | 2014 (SD5076) |
| BREEAM UK 2014 technical manual issue number | SD5076 Issue 1.0 |
| Project type | New Construction (Fully fitted) |
| Assessment stage | Pre-Assessment |
| Location type | London Borough |
| If applicable, does this industrial building have a heated or cooled operational area? | Option not applicable to building type |
| Commercial/industrial refrigeration and storage systems | No |
| Building user transportation systems (lifts and/or escalators) | Yes |
| Laboratory function/area and size category | Laboratory present: <10% of building's Gross Internal Floor Area |
| Laboratory containment level | Cat Level 1 only |
| Fume cupboard(s) and/or other containment devices | Yes |
| Unregulated water uses present? (e.g. vehicle wash system, irrigation) | Yes |
| If applicable, will this healthcare building house inpatients? | Option not applicable to building type |
| If applicable, does this industrial building have an office area? | Option not applicable to building type |
| If applicable, does this building contain areas requiring SAP assessment? | Option not applicable to building type |
| If SAP used, what proportion of the building's total floor area (GIA) does it apply to? | 0.00% |

Disclaimer

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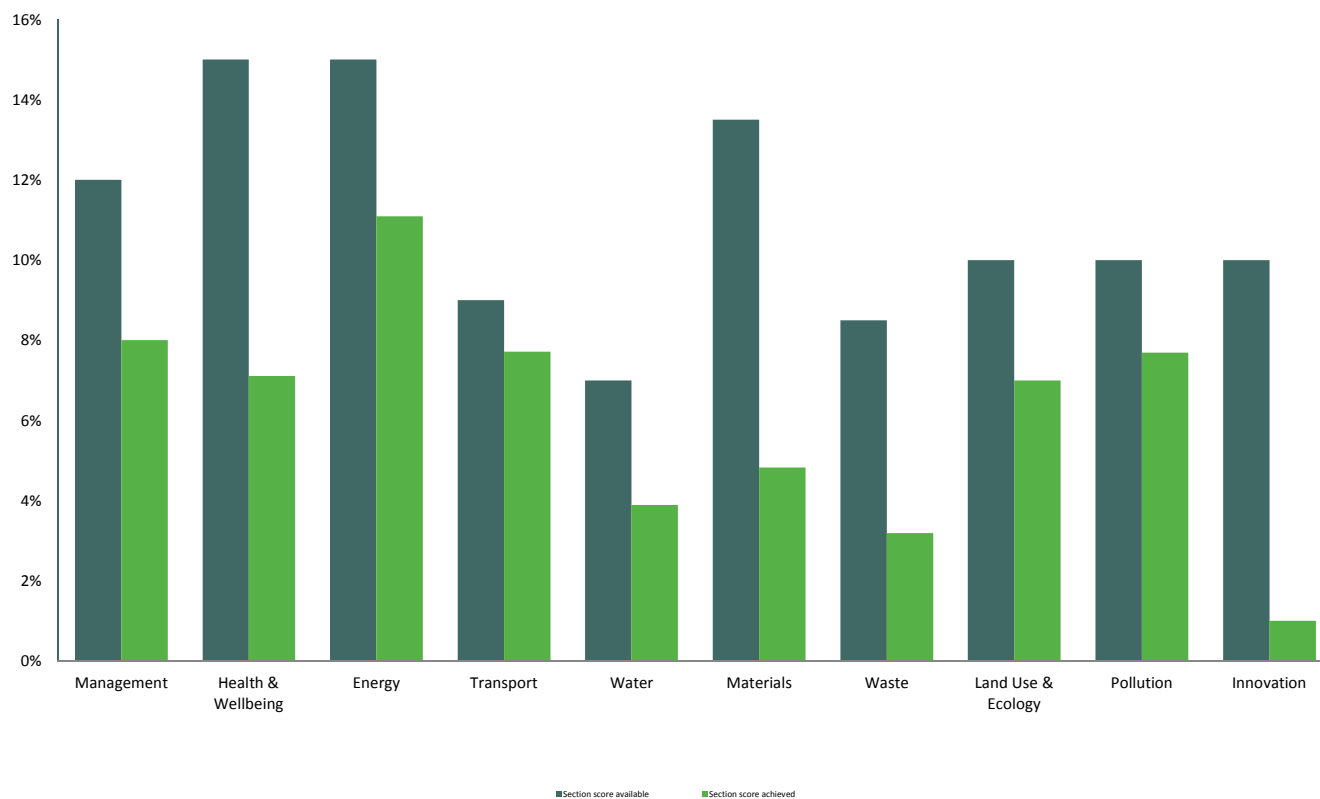
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Overall Building Performance

| | |
|-------------------------------|---------------------|
| Building name | Nishkam West London |
| Indicative BREEAM rating | Very Good |
| Indicative Total Score | 61.5% |
| Min. standards level achieved | Excellent level |

Building Performance by Environment Section



| Environmental Section | No. credits available | Indicative no. credits Achieved | % credits achieved | Section Weighting | Indicative Section Score |
|-----------------------|-----------------------|---------------------------------|--------------------|-------------------|--------------------------|
| Management | 21 | 14 | 66.7% | 12.0% | 8.0% |
| Health & Wellbeing | 19 | 9 | 47.4% | 15.0% | 7.1% |
| Energy | 23 | 17 | 73.9% | 15.0% | 11.1% |
| Transport | 7 | 6 | 85.7% | 9.0% | 7.7% |
| Water | 9 | 5 | 55.6% | 7.0% | 3.9% |
| Materials | 14 | 5 | 35.7% | 13.5% | 4.8% |
| Waste | 8 | 3 | 37.5% | 8.5% | 3.2% |
| Land Use & Ecology | 10 | 7 | 70.0% | 10.0% | 7.0% |
| Pollution | 13 | 10 | 76.9% | 10.0% | 7.7% |
| Innovation | 10 | 1 | 10.0% | 10.0% | 1.0% |

| | |
|----------------------------------|---------------------|
| Building name | Nishkam West London |
| Building score (%) | 61.50% |
| Building rating | Very Good |
| Minimum standards level achieved | Excellent level |

MANAGEMENT

Man 01 Project brief and design

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 4 | Available contribution to overall score | 2.29% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | No |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|---|------------|-------------------|------------------|
| Will stakeholder consultation (project delivery) take place? | Yes | 1 | 1 |
| Will stakeholder consultation (third party) take place? | No | 1 | 0 |
| Will a sustainability champion (design) be assigned? | Yes | 1 | 1 |
| Will a sustainability champion (monitoring progress) be assigned? | Yes | 1 | 1 |

| | |
|--|-------|
| Total BREEAM credits achieved | 3 |
| Total contribution to overall building score | 1.71% |
| Total BREEAM innovation credits achieved | 0 |
| Minimum standard(s) level | N/A |

Comments/notes:

Man 02 Life cycle cost and service life planning

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 4 | Available contribution to overall score | 2.29% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | No |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|--|------------|-------------------|------------------|
| Will an elemental life cycle cost (LCC) analyses be carried out? | No | 2 | 0 |
| Will a component level LCC plan be developed? | No | 1 | 0 |
| Will the predicted capital cost be reported? | No | 1 | 0 |
| Expected capital cost of the project (if available) | | £/m ² | |

| | |
|--|-------|
| Total BREEAM credits achieved | 0 |
| Total contribution to overall building score | 0.00% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Man 03 Responsible construction practices

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 6 | Available contribution to overall score | 3.43% |
| No. of BREEAM innovation credits available | 1 | Minimum standards applicable | Yes |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|--|------------|-------------------|------------------|
| Is all site timber used in the project 'legally harvested and traded timber'? | Yes | | |
| Will/does the principal contractor operate a compliant Environmental Management System? | Yes | 1 | 1 |
| Will a construction stage sustainability champion be assigned? | Yes | 1 | 1 |
| Will a considerate construction scheme be used by the principal contractor? (One credit where 'compliance' has been achieved. Two credits where 'compliance' is significantly exceeded.) | 2 | 2 | 2 |
| Will construction site impacts be metered/monitored? | Yes | | |
| Will site utility consumption be metered/monitored? | Yes | 1 | 1 |
| Will transport of construction materials and waste be metered/monitored? | No | 1 | 0 |
| Will exemplary level criteria be met? | No | 1 | 0 |

| | |
|--|-------------------|
| Total BREEAM credits achieved | 5 |
| Total contribution to overall building score | 2.86% |
| Total BREEAM innovation credits achieved | 0 |
| Minimum standard(s) level | Outstanding level |

Comments/notes:

Man 04 Commissioning and handover

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 4 | Available contribution to overall score | 2.29% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | Yes |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|--|------------|-------------------|------------------|
| Will commissioning schedule and responsibilities be developed & accounted for? | Yes | 1 | 1 |
| Will a commissioning manager be appointed? | Yes | 1 | 1 |
| Will the building fabric be commissioned? | No | 1 | 0 |
| Will a training schedule for building occupiers/managers at Handover? | Yes | 1 | 1 |
| Will a building user guide be developed prior to handover? | Yes | | |

| | |
|--|-------------------|
| Total BREEAM credits achieved | 3 |
| Total contribution to overall building score | 1.71% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | Outstanding level |

Comments/notes:

Man 05 Aftercare

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 3 | Available contribution to overall score | 1.71% |
| No. of BREEAM innovation credits available | 1 | Minimum standards applicable | Yes |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|--|------------|-------------------|------------------|
| Will aftercare support be provided to building occupiers? | Yes | 1 | 1 |
| Will seasonal commissioning occur over 12months once substantially occupied? | Yes | 1 | 1 |
| Will a post occupancy evaluation be carried out 1 year after occupation? | Yes | 1 | 1 |
| Will exemplary level criteria be met? | Yes | 1 | 1 |

| | |
|--|-------------------|
| Total BREEAM credits achieved | 3 |
| Total contribution to overall building score | 1.71% |
| Total BREEAM innovation credits achieved | 1 |
| Minimum standard(s) level | Outstanding level |

Comments/notes:

HEALTH & WELLBEING

Hea 01 Visual Comfort

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 5 | Available contribution to overall score | 3.95% |
| No. of BREEAM innovation credits available | 1 | Minimum standards applicable | No |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|--|------------|-------------------|------------------|
| Will the design provide adequate glare control for building users? | No | 1 | 0 |
| Will relevant building areas be designed to achieve appropriate daylight factor(s)? | 2 | 2 | 2 |
| Will the design provide adequate view out for building users? | No | 1 | 0 |
| Will internal/external lighting levels, zoning and controls be specified in accordance with the relevant CIBSE Guides/British Standards? | Yes | 1 | 1 |
| Will exemplary level criteria be met? | No | 1 | 0 |

| | |
|--|-------|
| Total BREEAM credits achieved | 3 |
| Total contribution to overall building score | 2.37% |
| Total BREEAM innovation credits achieved | 0 |
| Minimum standard(s) level | N/A |

Comments/notes:

Hea 02 Indoor Air Quality

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 5 | Available contribution to overall score | 3.95% |
| No. of BREEAM innovation credits available | 2 | Minimum standards applicable | No |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|--|------------|-------------------|------------------|
| Will an air quality plan be produced and building designed to minimise air pollution? | No | 1 | 0 |
| Will building be designed to minimise the concentration and recirculation of pollutants in the building? | 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 |
| Will exemplary level VOCs (products) criteria be met? | 0 | 2 | 0 |

| | |
|--|-------|
| Total BREEAM credits achieved | 0 |
| Total contribution to overall building score | 0.00% |
| Total BREEAM innovation credits achieved | 0 |
| Minimum standard(s) level | N/A |

Comments/notes:

Hea 03 Safe containment in laboratories

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 1 | Available contribution to overall score | 0.79% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | No |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|---|------------|-------------------|------------------|
| Will an objective risk assessment of proposed laboratory facilities' design be completed? | Yes | | |
| Will the manufacture & installation of fume cupboards and containment devices meet best practice standards? | Yes | 1 | 1 |
| Will containment level 2 & 3 labs meet best practice safety & performance criteria? | | | |

| | |
|--|-------|
| Total BREEAM credits achieved | 1 |
| Total contribution to overall building score | 0.79% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Hea 04 Thermal comfort

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 3 | Available contribution to overall score | 2.37% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | No |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|---|------------|-------------------|------------------|
| Will thermal modelling of the design be carried out? | Yes | 1 | 1 |
| Will the building design be adapted for a projected climate change scenario? | No | 1 | 0 |
| Will the modelling inform the development of a thermal zoning and control strategy? | Yes | 1 | 1 |

| | |
|--|-------|
| Total BREEAM credits achieved | 2 |
| Total contribution to overall building score | 1.58% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Hea 05 Acoustic Performance

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 3 | Available contribution to overall score | 2.37% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | No |

Assessment Criteria

| Assessment Criteria | Credits | Credits available | Credits achieved |
|--|---------|-------------------|------------------|
| Will the building meet the appropriate acoustic performance standards and testing requirements for: a. Sound insulation b. Indoor ambient noise level c. Reverberation times? | 3 | 3 | 3 |

| | |
|--|-------|
| Total BREEAM credits achieved | 3 |
| Total contribution to overall building score | 2.37% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Hea 06 Safety and Security

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 2 | Available contribution to overall score | 1.58% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | No |

| Assessment Criteria | Compliant? | Credits available | 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? | No | 1 | 0 |

| | |
|--|-------|
| Total BREEAM credits achieved | 0 |
| Total contribution to overall building score | 0.00% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

ENERGY

Ene 01 Reduction of energy use and carbon emissions

| | | | |
|--|----|---|-------|
| No. of BREEAM credits available | 12 | Available contribution to overall score | 7.83% |
| 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?

Select the target number of BREEAM credits for the Ene01 issue:

Ene 01 Calculator

| | | | |
|---|----------------------|---|----------------------|
| Country of the UK where the building is located | <input type="text"/> | Confirm building regulation and version to be used: | <input type="text"/> |
|---|----------------------|---|----------------------|

New Construction (Fully fitted)

| | | |
|--|----------------------|------------|
| Building floor area | <input type="text"/> | m2 |
| Notional building heating and cooling energy demand | <input type="text"/> | MJ/m2yr |
| Actual building heating and cooling energy demand | <input type="text"/> | MJ/m2yr |
| Notional building primary energy consumption | <input type="text"/> | kWh/m2yr |
| Actual building primary energy consumption | <input type="text"/> | kWh/m2yr |
| Target emission rate (TER) | <input type="text"/> | kgCO2/m2yr |
| Building emission rate (BER) | <input type="text"/> | kgCO2/m2yr |
| Building emission rate improvement over TER | <input type="text"/> | |
| Heating & cooling demand energy performance ratio (EPR _{ED}) | <input type="text"/> | |
| Primary consumption energy performance ratio (EPR _{PC}) | <input type="text"/> | |
| CO ₂ Energy performance ratio (EPR _{CO2}) | <input type="text"/> | |
| Overall building energy performance ratio (EPR _{NC}) | <input type="text"/> | |

| | |
|--|----------------------|
| Where specified, please confirm the energy production from onsite or near site energy generation technologies | <input type="text"/> |
| Equivalent % of the building's 'regulated' energy consumption generated by carbon neutral sources and used to meet energy demand from 'unregulated' building systems or processes? | <input type="text"/> |
| Is the building designed to be 'carbon negative' ? | <input type="text"/> |
| If the building is defined as 'carbon negative' what is the total (modelled) renewable/carbon neutral energy generated and exported? | <input type="text"/> |

| | |
|--|-----------------|
| Total BREEAM credits achieved | 6 |
| Total contribution to overall building score | 3.91% |
| Total BREEAM innovation credits achieved | 0 |
| Minimum standard(s) level | Excellent level |

Comments/notes:

Ene 02 Energy monitoring

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 2 | Available contribution to overall score | 1.30% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | Yes |

| Assessment criteria | Compliant? | Credits available | 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 BREEAM credits achieved | 2 |
| Total contribution to overall building score | 1.30% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | Outstanding level |

Comments/notes:

Ene 03 External lighting

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 1 | Available contribution to overall score | 0.65% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | No |

| Assessment criteria | Compliant? | Credits available | Credits achieved |
|--|------------|-------------------|------------------|
| Will external light fittings and controls be specified in accordance with the BREEAM criteria? | Yes | 1 | 1 |

| | |
|--|-------|
| Total BREEAM credits achieved | 1 |
| Total contribution to overall building score | 0.65% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Ene 04 Low carbon design

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 3 | Available contribution to overall score | 1.96% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | No |

| Assessment criteria | Compliant? | Credits available | Credits achieved |
|---|------------|-------------------|------------------|
| Will passive design measures be used in line with an analysis be carried out during concept design stage (RIBA stage 2 or equivalent)? | Yes | 1 | 1 |
| Will free cooling measures be implemented in the whole building in line with the passive design analysis? | Yes | 1 | 1 |
| Will a LZC technology be specified in line with a feasibility study carried out by the completion of the Concept Design stage (RIBA Stage 2 or equivalent)? | Yes | 1 | 1 |

| | |
|--|-------|
| Total BREEAM credits achieved | 3 |
| Total contribution to overall building score | 1.96% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Ene 05 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 |

| Assessment criteria | Compliant? | Credits available | Credits achieved |
|---|------------|-------------------|------------------|
| Will the refrigeration system be designed, installed & commissioned in accordance with BREEAM criteria? | | N/A | N/A |
| Will the refrigeration system demonstrate a saving in indirect greenhouse gas emissions? | | N/A | N/A |

| | |
|--|-----|
| Total BREEAM credits achieved | N/A |
| Total contribution to overall building score | N/A |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Ene 06 Energy efficient transportation systems

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 3 | Available contribution to overall score | 1.96% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | N/A |

| Assessment criteria | Compliant? | Credits available | Credits achieved |
|---|------------|-------------------|------------------|
| Will a transportation system analysis be carried out to determine and specify the optimum number, size and type of lifts that is most energy efficient? | Yes | 1 | 1 |
| Will the relevant energy-efficient features criteria be met? | Yes | 2 | 2 |

| | |
|--|-------|
| Total BREEAM credits achieved | 3 |
| Total contribution to overall building score | 1.96% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Ene 07 Energy efficient laboratory 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 |

| Assessment criteria | Compliant? | Credits available | Credits achieved |
|---|------------|-------------------|------------------|
| Pre-requisite: Criterion 1 of Hea 03 - risk assessment of laboratory facilities Have the occupants' laboratory requirements & performance criteria been confirmed during the preparation of the initial project brief to minimise energy demand? | | | |
| Best Practice Energy Practices in Laboratories (table 27) | | | |
| Will the laboratory meet criteria item b) Fan power? | | | |
| Will the laboratory criteria item c) Fume cupboard volume flow rates? | | | |
| Will the lab meet item d) Grouping / isolation of high filtration/ventilation activities? | | | |
| Will the laboratory meet criteria item e) Energy recovery - heat? | | | |
| Will the laboratory meet criteria item f) Energy recovery - cooling? | | | |
| Will the laboratory meet criteria item g) Grouping of cooling loads? | | | |
| Will the laboratory meet criteria item h) Free cooling? | | | |
| Will the laboratory meet criteria item i) Load responsiveness? | | | |
| Will the laboratory meet criteria item j) Cleanrooms? | | | |
| Will the laboratory meet criteria item k) Diversity? | | | |
| Will the laboratory meet criteria item l) Room air-change rates? | | | |
| Total BREEAM credits achieved | N/A | | |
| Total contribution to overall building score | N/A | | |
| Total BREEAM innovation credits achieved | N/A | | |
| Minimum standard(s) level | N/A | | |

Comments/notes:

Ene 08 Energy efficient equipment

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 2 | Available contribution to overall score | 1.30% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | No |

Assessment criteria

| Which of the following will be present and likely to be a/the major contributor to 'unregulated' energy use? | Present | Major impact |
|--|---------|--------------|
| Ref A Small power and plug in equipment? | | |
| Ref B Swimming pool? | | |
| Ref C Communal laundry? | | |
| Ref D Data centre? | | |
| Ref E IT-intensive operation areas? | | |
| Ref F Residential areas? | | |
| Ref G Healthcare? | | |
| Ref H Kitchen and catering facilities? | | |

| | Compliant | Credits available | Credits achieved |
|--|-----------|-------------------|------------------|
| Will the significant majority contributor(s) to 'unregulated' energy use above meet the BREEAM criteria? | Yes | 2 | 2 |

| | |
|--|-------|
| Total BREEAM credits achieved | 2 |
| Total contribution to overall building score | 1.30% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Ene 09 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 |

| Assessment criteria | Compliant? | Credits available | Credits achieved |
|--|------------|-------------------|------------------|
| Will internal/external drying space and fixings be provided? | | | |
| Total BREEAM credits achieved | N/A | | |
| Total contribution to overall building score | N/A | | |
| Total BREEAM innovation credits achieved | N/A | | |
| Minimum standard(s) level | N/A | | |

Comments/notes:

TRANSPORT

Tra 01 Public Transport Accessibility

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 3 | Available contribution to overall score | 3.86% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | No |

Building type category (for purpose of Tra01 issue assessment) Pre-school, School and/or Sixth form

| Assessment Criteria | Compliant | Credits available | Credits achieved |
|---|-----------|-------------------|------------------|
| Indicative public transport accessibility index (AI): | 6.87 | 3 | 2 |
| Will the building have a dedicated bus service? | | | N/A |

| AI | Indicative Accessibility Index for pre-assessment |
|----|--|
| 0 | Poor or no public transport provision |
| 1 | A single BREEAM compliant public transport node available |
| 2 | Some BREEAM compliant public transport nodes/services available |
| 4 | A selection of BREEAM compliant public transport nodes/services available |
| 8 | Good provision of public transport i.e. small urban centre / suburban area |
| 10 | Very Good provision of public transport i.e. small/medium urban centre |
| 12 | Excellent provision of public transport, i.e. medium urban centre |
| 18 | Excellent provision of public transport, i.e. large urban/metropolitan city centre |

| | |
|--|-------|
| Total BREEAM credits achieved | 2 |
| Total contribution to overall building score | 2.57% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Tra 02 Proximity to Amenities

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 1 | Available contribution to overall score | 1.29% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | No |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|--|------------|-------------------|------------------|
| Will the building be in close proximity of and accessible to applicable amenities? | Yes | 1 | 1 |

| | |
|--|-------|
| Total BREEAM credits achieved | 1 |
| Total contribution to overall building score | 1.29% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Tra 03 Cyclist facilities

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 2 | Available contribution to overall score | 2.57% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | No |

| | |
|--|--------------------------------|
| Building type category (for purpose of Tra03 issue assessment) | Secondary schools & sixth form |
| How many compliant cycle storage spaces will be provided? | 100 |
| What cyclist facilities will be provided? | Showers only |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|----------------------|------------|-------------------|------------------|
| Cycle storage spaces | Yes | 2 | 2 |
| Cyclist facilities | Yes | | |

| | |
|--|-------|
| Total BREEAM credits achieved | 2 |
| Total contribution to overall building score | 2.57% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Tra 04 Maximum Car Parking Capacity

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 |

| | |
|--|--|
| Building type category (for purpose of Tra04 issue) | |
| Building's indicative Accessibility Index (sourced from issue Tra01) | |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|---|------------|-------------------|------------------|
| Will BREEAM's maximum parking capacity criteria for the building type/Accessibility Index be met? | | | |

| | |
|--|-----|
| Total BREEAM credits achieved | N/A |
| Total contribution to overall building score | N/A |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Tra 05 Travel Plan

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 1 | Available contribution to overall score | 1.29% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | No |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|---|------------|-------------------|------------------|
| Will a transport plan based on site specific travel survey/assessment be developed? | Yes | 1 | 1 |

| | |
|--|-------|
| Total BREEAM credits achieved | 1 |
| Total contribution to overall building score | 1.29% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

WATER

Wat 01 Water Consumption

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 5 | Available contribution to overall score | 3.89% |
| No. of BREEAM innovation credits available | 1 | Minimum standards applicable | Yes |

| | |
|---|---|
| How do you wish to assess the number of BREEAM credits to be achieved for this issue? | Define a target % improvement over baseline sanitary fittings |
| What is the target for % reduction in potable water consumption for sanitary use in the building? | 25% - two credits |

Please select the calculation procedure used

Standard approach data

| | |
|--|----------------------|
| Water Consumption from building micro-components | <input type="text"/> |
| Water demand met via greywater/rainwater sources | <input type="text"/> |
| Total net water consumption | <input type="text"/> |
| Improvement on baseline performance | <input type="text"/> |

Key Performance Indicator - use of freshwater resource

| | |
|-----------------------------|----------------------|
| Total net Water Consumption | <input type="text"/> |
| Default building occupancy | <input type="text"/> |

Alternative approach data

| | |
|---|----------------------|
| Overall microcomponent performance level achieved | <input type="text"/> |
| <input type="text"/> | <input type="text"/> |

| | |
|--|-------------------|
| Total BREEAM credits achieved | 2 |
| Total contribution to overall building score | 1.56% |
| Total BREEAM innovation credits achieved | 0 |
| Minimum standard(s) level | Outstanding level |

Comments/notes:

Wat 02 Water Monitoring

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 1 | Available contribution to overall score | 0.78% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | Yes |

| Assessment Criteria | Compliant? | Credits available | 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 | 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 BREEAM credits achieved | 1 |
| Total contribution to overall building score | 0.78% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | Outstanding level |

Comments/notes:

Wat 03 Water Leak Detection and Prevention

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 2 | Available contribution to overall score | 1.56% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | No |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|---|------------|-------------------|------------------|
| Will a mains water leak detection system be installed on the building's mains water supply? | Yes | 1 | 1 |
| Will flow control devices be installed in each sanitary area/facility? | No | 1 | 0 |

| | |
|--|-------|
| Total BREEAM credits achieved | 1 |
| Total contribution to overall building score | 0.78% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Wat 04 Water Efficient Equipment

| | | | |
|--|----|---|-------|
| No. of BREEAM credits available | 1 | Available contribution to overall score | 0.78% |
| No. of BREEAM innovation credits available | No | Minimum standards applicable | No |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|---|------------|-------------------|------------------|
| Has a meaningful reduction in unregulated water demand been achieved? | Yes | 1 | 1 |
| Total BREEAM credits achieved | | 1 | |
| Total contribution to overall building score | | 0.78% | |
| Total BREEAM innovation credits achieved | | N/A | |
| Minimum standard(s) level | | N/A | |

Comments/notes:

MATERIALS

Mat 01 Life Cycle Impacts

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 6 | Available contribution to overall score | 5.79% |
| No. of BREEAM innovation credits available | 3 | Minimum standards applicable | No |

How do you wish to assess the number of BREEAM credits to be achieved for this issue?

Assessment Criteria

| | |
|--|---------------------------------|
| Predicted total Mat01 credits achieved | <input type="text" value="3"/> |
| Predicted total Mat01 points achieved | |
| Number of building elements assessed | |
| Green Guide exemplary level compliant? | <input type="text" value="No"/> |
| Has IMPACT compliant software been used? | <input type="text" value="No"/> |

| | |
|--|-------|
| Total BREEAM credits achieved | 3 |
| Total contribution to overall building score | 2.89% |
| Total BREEAM innovation credits achieved | 0 |
| Minimum standard(s) level | N/A |

Comments/notes:

Mat 02 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 |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|--|------------|-------------------|------------------|
| Will ≥80% of all external hard landscaping and boundary protection achieve a Green Guide A or A+ rating? | No | 1 | 0 |

| | |
|--|-------|
| Total BREEAM credits achieved | 0 |
| Total contribution to overall building score | 0.00% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Mat 03 Responsible Sourcing

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 4 | Available contribution to overall score | 3.86% |
| No. of BREEAM innovation credits available | 1 | Minimum standards applicable | Yes |

| Assessment Criteria | Compliant | Credits available | Credits achieved |
|--|-----------|-------------------|------------------|
| All timber and timber based products are 'Legally harvested and trader timber' | Yes | | |
| Is there a documented sustainable procurement plan? | No | 1 | 0 |
| Percentage of available responsible sourcing of materials points achieved | 18.00% | 3 | 1 |

Please confirm the route used to assess Mat03 Route 1: Lowest RSCS point score

| | |
|--|-------------------|
| Total BREEAM credits achieved | 1 |
| Total contribution to overall building score | 0.96% |
| Total BREEAM innovation credits achieved | 0 |
| Minimum standard(s) level | Outstanding level |

Comments/notes:

Mat 04 Insulation

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

| Assessment Criteria | | Credits available | Credits achieved | |
|---|-------|-------------------|------------------|--------------------|
| What is the building's targeted insulating index? | 2.50 | 1 | 1 | Note: An insulatio |
| Total BREEAM credits achieved | 1 | | | |
| Total contribution to overall building score | 0.96% | | | |
| Total BREEAM innovation credits achieved | N/A | | | |
| Minimum standard(s) level | N/A | | | |

Comments/notes:

Mat 05 Designing for durability and resilience

| | | | |
|--|---|---|-------|
| 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 |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|--|------------|-------------------|------------------|
| Will suitable durability/protection measures be specified and installed to vulnerable areas of the building? | N/A | 1 | 0 |
| Will suitable durability/protection measures be specified and installed to exposed parts of the building? | No | | |

| | |
|--|-------|
| Total BREEAM credits achieved | 0 |
| Total contribution to overall building score | 0.00% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Mat 06 Material efficiency

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

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|---|------------|-------------------|------------------|
| Will material efficiency measures be identified & implemented during all RIBA stages? | No | 1 | 0 |

| | |
|--|-------|
| Total BREEAM credits achieved | 0 |
| Total contribution to overall building score | 0.00% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

WASTE

Wst 01 Construction Waste Management

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 4 | Available contribution to overall score | 4.25% |
| No. of BREEAM innovation credits available | 1 | Minimum standards applicable | Yes |

How do you wish to assess the number of BREEAM credits to be achieved for this issue?

Select the number of BREEAM credits being targeted for issue Wst 01: BREEAM Wst01 Innovation credits:

| Assessment Criteria | Compliant? |
|--|--------------------------|
| Construction resource management plan | <input type="checkbox"/> |
| Compliant Pre-demolition audit | <input type="checkbox"/> |
| Does the excavation waste meet the exemplary level requirements? | <input type="checkbox"/> |

Key Performance Indicators - Construction Waste

| Measure/units for the data being reported | |
|--|----------------------|
| Non-hazardous construction waste (excluding demolition/excavation) | <input type="text"/> |
| Total non-hazardous construction waste generated | <input type="text"/> |
| Non-hazardous non-demolition const. waste diverted from landfill | <input type="text"/> |
| Total non-hazardous non-demolition const. waste diverted from landfill | <input type="text"/> |
| Total non-hazardous demolition waste generated | <input type="text"/> |
| Non-hazardous demolition waste diverted from landfill | <input type="text"/> |
| Total non-hazardous demolition waste to disposal | <input type="text"/> |
| Material for reuse | <input type="text"/> |
| Material for recycling | <input type="text"/> |
| Material for energy recovery | <input type="text"/> |
| Hazardous waste to disposal | <input type="text"/> |

Note: At the pre-assessment stage this
 Note: At this stage this will be a target I
 Note: At the pre-assessment stage this
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 Note: At this stage this will be a target I
 Note: At this stage this will be a target I

| | |
|--|-------------------|
| Total BREEAM credits achieved | 2 |
| Total contribution to overall building score | 2.13% |
| Total BREEAM innovation credits achieved | 0 |
| Minimum standard(s) level | Outstanding level |

Comments/notes:

Wst 02 Recycled Aggregates

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 1 | Available contribution to overall score | 1.06% |
| No. of BREEAM innovation credits available | 1 | Minimum standards applicable | No |

Assessment Criteria

| Assessment Criteria | Total |
|---|-------|
| What is the target total % of high-grade aggregate that will be recycled/secondary aggregate? | 0% |

% of high-grade aggregate that is recycled/secondary aggregate - by application

| | |
|--|--|
| Structural frame | |
| Bitumen/hydraulically bound base, binder and surface courses | |
| Building foundations | |
| Concrete road surfaces | |
| Pipe bedding | |
| Granular fill and capping | |

| | |
|--|-------|
| Total BREEAM credits achieved | 0 |
| Total contribution to overall building score | 0.00% |
| Total BREEAM innovation credits achieved | 0 |
| Minimum standard(s) level | N/A |

Comments/notes:

Wst 03 Operational Waste

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 1 | Available contribution to overall score | 1.06% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | Yes |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|--|------------|-------------------|------------------|
| Will operational recyclable waste volumes be segregated and stored? | Yes | 1 | 1 |
| Will static waste compactor(s) or baler(s) be specified where appropriate? | N/A | | |
| Will vessel(s) for composting suitable organic waste where appropriate? | Yes | | |

| | |
|--|-------------------|
| Total BREEAM credits achieved | 1 |
| Total contribution to overall building score | 1.06% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | Outstanding level |

Comments/notes:

Wst 04 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 |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|---------------------|------------|-------------------|------------------|
| | | | |

| | |
|--|-----|
| Total BREEAM credits achieved | N/A |
| Total contribution to overall building score | N/A |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Wst 05 Adaption to climate change

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 1 | Available contribution to overall score | 1.06% |
| No. of BREEAM innovation credits available | 1 | Minimum standards applicable | N/A |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|--|------------|-------------------|------------------|
| Will a climate change adaptation strategy appraisal for structural and fabric resilience be conducted by the end of Concept Design (RIBA Stage 2 or equivalent)? | No | 1 | 0 |
| Will exemplary level criteria – Responding to adaptation to climate change be met? | No | 1 | 0 |

| | |
|--|-------|
| Total BREEAM credits achieved | 0 |
| Total contribution to overall building score | 0.00% |
| Total BREEAM innovation credits achieved | 0 |
| Minimum standard(s) level | N/A |

Comments/notes:

Wst 06 Functional adaptability

| | | | |
|--|---|---|-------|
| No. of BREEAM credits available | 1 | Available contribution to overall score | 1.06% |
| No. of BREEAM innovation credits available | 0 | Minimum standards applicable | N/A |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|---|------------|-------------------|------------------|
| Will a building specific functional adaptation strategy appraisal be conducted by Concept Design (RIBA Stage 2 or equivalent) and will functional adaptation measures be implemented? | No | 1 | 0 |

| | |
|--|-------|
| Total BREEAM credits achieved | 0 |
| Total contribution to overall building score | 0.00% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

LAND USE & ECOLOGY

LE 01 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 |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|---|------------|-------------------|------------------|
| Will at least 75% of the proposed development's footprint be located on previously occupied land? | No | 1 | 0 |
| Is the site deemed to be significantly contaminated? | Yes | 1 | 1 |

| | |
|--|-------|
| Total BREEAM credits achieved | 1 |
| Total contribution to overall building score | 1.00% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

LE 02 Ecological Value of Site and Protection of Ecological Features

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

| Assessment Criteria | Compliant? | Credits available | 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 | 1 | 1 |

| | |
|--|-------|
| Total BREEAM credits achieved | 2 |
| Total contribution to overall building score | 2.00% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

LE 03 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 |

Assessment Criteria

| | | |
|---|--|---------------------|
| What is the likely change in ecological value as a result of the sites development? | <0≥-9 species (i.e. minimal negative change) | Plant species richn |
| Total BREEAM credits achieved | 1 | |
| Total contribution to overall building score | 1.00% | |
| Total BREEAM innovation credits achieved | N/A | |
| Minimum standard(s) level | Outstanding level | |

Comments/notes:

LE 04 Enhancing Site Ecology

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

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|--|------------------------------------|-------------------|--------------------|
| Will a suitably qualified ecologist be appointed to report on enhancing and protecting site ecology? | Yes | 2 | 1 |
| Will the suitably qualified ecologist's general recommendations be implemented? | Yes | | |
| What is the targeted/intended improvement in ecological value as a result of enhancement actions? | <6 species (small positive change) | | Plant species rich |

| | |
|--|-------|
| Total BREEAM credits achieved | 1 |
| Total contribution to overall building score | 1.00% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

LE 05 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 |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|--|------------|-------------------|------------------|
| Will a Suitably Qualified Ecologist be appointed to monitor/minimise impacts of site activities on biodiversity? | Yes | 2 | 2 |
| Will a landscape and habitat management plan be produced covering at least the first five years after project completion in accordance with British Standards? | Yes | | |
| Number of applicable measures to improve biodiversity confirmed by SQE: | 5 | | |
| Number of applicable measures implemented: | 4 | | |

| | |
|--|-------|
| Total BREEAM credits achieved | 2 |
| Total contribution to overall building score | 2.00% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

POLLUTION

Pol 01 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 |

Assessment Criteria

| | | Credits available | Credits achieved |
|---|-----|---|------------------|
| Refrigerant containing systems installed in the assessed building? | Yes | 2 | FALSE |
| Do all systems (with electric compressors) comply with the requirements of BS EN 378:2008 (parts 2 & 3) & where refrigeration systems containing ammonia are installed, the IoR Ammonia Refrigeration Systems Code of Practice? | | | |
| Global Warming Potential of the specified refrigerant(s) 10 or less? | | | |
| What is the target range Direct Effect Life Cycle CO ₂ eq. emissions for the system? | | kgCO ₂ eq/kW coolth capacity | |
| Cooling/Heating capacity of the system | | kW | |
| Will a refrigerant leak detection and containment system be specified/installed? | Yes | 1 | 1 |

| | |
|--|-------|
| Total BREEAM credits achieved | 1 |
| Total contribution to overall building score | 0.77% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Pol 02 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 |

Assessment Criteria

| | | |
|---|-------|------------------------|
| NO _x emission level - space heating | 40.00 | mg/kWh |
| NO _x emission level - water heating | 40.00 | mg/kWh |
| Does this building meet BREEAM's definition of a highly insulated building? | N/A | |
| Energy consumption: heating and hot water | | kWh/m ² /yr |

| | |
|--|-------|
| Total BREEAM credits achieved | 3 |
| Total contribution to overall building score | 2.31% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Pol 03 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 |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|--|------------|-------------------|------------------|
| What is the actual/likely annual probability of flooding for the assessed site? | Low | 2 | 2 |
| Will a Flood Risk Assessment be undertaken? | Yes | 1 | 1 |
| 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? | No | 1 | 0 |

| | |
|--|-------|
| Total BREEAM credits achieved | 4 |
| Total contribution to overall building score | 3.08% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Pol 04 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 |

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|---|------------|-------------------|------------------|
| Will the external lighting specification be designed to reduce light pollution? | Yes | 1 | 1 |

| | |
|--|-------|
| Total BREEAM credits achieved | 1 |
| Total contribution to overall building score | 0.77% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

Pol 05 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 |

| Assessment Criteria | Compliant | Credits available | Credits achieved |
|---|-----------|-------------------|------------------|
| Will there be noise-sensitive areas/buildings within 800m radius of the development? | Yes | 1 | 1 |
| Will a noise impact assessment be carried out and, if applicable, noise attenuation measures specified? | Yes | | |

| | |
|--|-------|
| Total BREEAM credits achieved | 1 |
| Total contribution to overall building score | 0.77% |
| Total BREEAM innovation credits achieved | N/A |
| Minimum standard(s) level | N/A |

Comments/notes:

INNOVATION

Inn 01 Innovation

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

| Assessment Criteria | Compliant? | Credits available | Credits achieved |
|---|------------|-------------------|------------------|
| Man 03 Responsible construction practices | No | 1 | 0 |
| Man 05 Aftercare | Yes | 1 | 1 |
| Hea 01 Visual Comfort | No | 1 | 0 |
| Hea 02 Indoor Air Quality | No | 2 | 0 |
| Ene 01 Reduction of energy use and carbon emissions | No | 5 | 0 |
| Wat 01 Water Consumption | No | 1 | 0 |
| Mat01 Life Cycle Impacts | No | 3 | 0 |
| Mat03 Responsible Sourcing of Materials | No | 1 | 0 |
| Wst01 Construction Waste Management | No | 1 | 0 |
| Wst02 Recycled Aggregates | No | 1 | 0 |
| Wst 05 Adaption to climate change | No | 1 | 0 |

Number of 'approved' innovation credits achieved?

| | |
|--|-------|
| Total BREEAM innovation credits achieved | 1 |
| Total contribution to overall building score | 1.00% |
| Minimum standard(s) level | N/A |

Comments/notes: