



**School of Art**

**BREEAM Credit Tracker**

Design Stage

09 Apr 2024

**Ecounico**

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## Introduction

This report is intended as a summary of progress against the targeted credits for the following assessment:

|                         |                                       |
|-------------------------|---------------------------------------|
| <b>Project Name</b>     | School of Art                         |
| <b>Version</b>          | BREEAM 2014 NC + RFO Combined Bespoke |
| <b>Assessment stage</b> | Design Stage                          |
| <b>Lead Consultant</b>  | Sergey Barekryan                      |
| <b>Targeted Score</b>   | 60.24 %                               |
| <b>Target Rating</b>    | Very Good (55%)                       |
| <b>Current Score</b>    | 54.94 %                               |
| <b>Current Rating</b>   | Good                                  |
| <b>Downloaded By</b>    | Sergey Barekryan                      |
| <b>Download Date</b>    | 09/04/24                              |
| <b>Download Time</b>    | 9:42:04 (BST)                         |

Within the report the progress against each credit will be marked as follows:

|       |                 |                                                                    |
|-------|-----------------|--------------------------------------------------------------------|
| Red   | Not yet started | No information received                                            |
| Amber | Ongoing         | Partial information received OR full credits no longer achievable. |
| Green | Achieved        | All required information received and credit awarded.              |
| Grey  | Not targeted    | Not targeted.                                                      |

## Minimum Standards

In addition performance against the minimum standards (required for the specified target rating) is summarised below;

| Issue                                                 | Awarded | Maximum Rating | Met |
|-------------------------------------------------------|---------|----------------|-----|
| Man 03 - Responsible construction practices           | 7       | Outstanding    | ✓   |
| Man 04 - Commissioning and handover                   | 4       | Outstanding    | ✓   |
| Man 05 - Aftercare                                    | 3       | Outstanding    | ✓   |
| Ene 01 - Reduction of energy use and carbon emissions | 13      | Outstanding    | ✓   |
| Ene 02 - Energy Monitoring                            | 2       | Outstanding    | ✓   |
| Wat 01 - Water Consumption                            | 2       | Outstanding    | ✓   |
| Wat 02 - Water Monitoring                             | 1       | Outstanding    | ✓   |
| Mat 03 - Responsible Sourcing of Materials            | 2       | Outstanding    | ✓   |
| Wst 01 - Construction Waste Management                | 3       | Outstanding    | ✓   |
| Wst 03 - Operational Waste                            | 1       | Outstanding    | ✓   |

If the required minimum standards are not met then the target rating will not be achieved regardless of overall score.

The following is a list of all credits available for this project, along with the following:

|           |                                                    |
|-----------|----------------------------------------------------|
| Awarded   | Credits which have been achieved.                  |
| Targeted  | Credits which the project is expecting to achieve  |
| Potential | Credits which could be achieved with some addition |

## Credit Progress Log

| Management                        |                                             |           |         |          |           |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------|---------------------------------------------|-----------|---------|----------|-----------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Man 01 - Project brief and design |                                             |           |         |          |           |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                   | Credit                                      | Available | Awarded | Targeted | Potential | Responsibilities          | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Credit 1<br>●                     | Stakeholder consultation (project delivery) | 1         | 0       | 0        | 1         | Project Manager<br>Client | <p><b>Credit 1 Stakeholder consultation (project delivery) - (Project Manager/Client)</b></p> <p>Can evidence for these credits be provided? The evidence should cover and respond all the BREEAM requirements.</p> <p>CREDIT UNDER RISK</p> <p><b>Credit 2 Stakeholder consultation (third party) - (Project Manager/Client)</b></p> <p>Can evidence for these credits be provided? The evidence should cover and respond all the BREEAM requirements.</p> <p>CREDIT UNDER RISK</p> |
| Credit 2<br>●                     | Stakeholder consultation (third party)      | 1         | 0       | 0        | 1         | Project Manager<br>Client | <p><b>Credit 1 Stakeholder consultation (project delivery) - (Project Manager/Client)</b></p> <p>Can evidence for these credits be provided? The evidence should cover and respond all the BREEAM requirements.</p> <p>CREDIT UNDER RISK</p> <p><b>Credit 2 Stakeholder consultation (third party) - (Project Manager/Client)</b></p> <p>Can evidence for these credits be provided? The evidence should cover and respond all the BREEAM requirements.</p> <p>CREDIT UNDER RISK</p> |

|                                                           |                                               |                  |                |                 |                  |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------|-----------------------------------------------|------------------|----------------|-----------------|------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Credit 3<br>●                                             | Sustainability Champion (design)              | 1                | 0              | 0               | 1                | Project Manager<br>Client | <p><b>Credit 1 Stakeholder consultation (project delivery) - (Project Manager/Client)</b></p> <p>Can evidence for these credits be provided? The evidence should cover and respond all the BREEAM requirements.</p> <p>CREDIT UNDER RISK</p> <p><b>Credit 2 Stakeholder consultation (third party) - (Project Manager/Client)</b></p> <p>Can evidence for these credits be provided? The evidence should cover and respond all the BREEAM requirements.</p> <p>CREDIT UNDER RISK</p> |
| Credit 4<br>●                                             | Sustainability Champion (monitoring progress) | 1                | 0              | 0               | 0                | Project Manager<br>Client | <p><b>Credit 1 Stakeholder consultation (project delivery) - (Project Manager/Client)</b></p> <p>Can evidence for these credits be provided? The evidence should cover and respond all the BREEAM requirements.</p> <p>CREDIT UNDER RISK</p> <p><b>Credit 2 Stakeholder consultation (third party) - (Project Manager/Client)</b></p> <p>Can evidence for these credits be provided? The evidence should cover and respond all the BREEAM requirements.</p> <p>CREDIT UNDER RISK</p> |
| <b>Man 02 - Life cycle cost and service life planning</b> |                                               |                  |                |                 |                  |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                           | <b>Credit</b>                                 | <b>Available</b> | <b>Awarded</b> | <b>Targeted</b> | <b>Potential</b> | <b>Responsibilities</b>   | <b>Comments</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

|               |                                      |   |   |   |   |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------|--------------------------------------|---|---|---|---|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Credit 1<br>● | Elemental life cycle cost (LCC)      | 2 | 2 | 2 | 2 | Project Manager<br>Cost Consultant | <p><b>Credit 1 - Elemental life cycle cost (LCC) - (Client/BREEAM Assessor)</b><br/>Additional 2 credits are added and could potentially be achieved subject to clarification/confirmation of the scope of the Stage 2 Life Cycle Cost Estimate report (the report with amended date of issue has been requested on 18.08.23)</p> <p><b>Credit 3 - Capital cost reporting (Client/Project manager)</b><br/>Final capital cost of the project - £/sqm<br/>The capital cost for the building includes the expenses related to the initial construction of the building:</p> <ul style="list-style-type: none"> <li>- Construction, including preparatory works, materials, equipment and labour</li> <li>- Site management</li> <li>- Construction financing</li> <li>- Insurance and taxes during construction</li> <li>- Inspection and testing</li> </ul> <p>Costs relating to land procurement, clearance, design, statutory approvals and post occupancy aftercare should not be included.</p> |
| Credit 2<br>● | Component level LCC option appraisal | 1 | 0 | 0 | 0 | Project Manager<br>Cost Consultant | <p><b>Credit 1 - Elemental life cycle cost (LCC) - (Client/BREEAM Assessor)</b><br/>Additional 2 credits are added and could potentially be achieved subject to clarification/confirmation of the scope of the Stage 2 Life Cycle Cost Estimate report (the report with amended date of issue has been requested on 18.08.23)</p> <p><b>Credit 3 - Capital cost reporting (Client/Project manager)</b><br/>Final capital cost of the project - £/sqm<br/>The capital cost for the building includes the expenses related to the initial construction of the building:</p> <ul style="list-style-type: none"> <li>- Construction, including preparatory works, materials, equipment and labour</li> <li>- Site management</li> <li>- Construction financing</li> <li>- Insurance and taxes during construction</li> <li>- Inspection and testing</li> </ul> <p>Costs relating to land procurement, clearance, design, statutory approvals and post occupancy aftercare should not be included.</p> |

|                                                    |                        |                  |                |                 |                  |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------|------------------------|------------------|----------------|-----------------|------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Credit 3<br>●                                      | Capital cost reporting | 1                | 1              | 1               | 1                | Project Manager<br>Cost Consultant               | <p><b>Credit 1 - Elemental life cycle cost (LCC) - (Client/BREEAM Assessor)</b><br/>Additional 2 credits are added and could potentially be achieved subject to clarification/confirmation of the scope of the Stage 2 Life Cycle Cost Estimate report (the report with amended date of issue has been requested on 18.08.23)</p> <p><b>Credit 3 - Capital cost reporting (Client/Project manager)</b><br/>Final capital cost of the project - £/sqm<br/>The capital cost for the building includes the expenses related to the initial construction of the building:<br/> <ul style="list-style-type: none"> <li>- Construction, including preparatory works, materials, equipment and labour</li> <li>- Site management</li> <li>- Construction financing</li> <li>- Insurance and taxes during construction</li> <li>- Inspection and testing</li> </ul> Costs relating to land procurement, clearance, design, statutory approvals and post occupancy aftercare should not be included.</p> |
| <b>Man 03 - Responsible construction practices</b> |                        |                  |                |                 |                  |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                    | <b>Credit</b>          | <b>Available</b> | <b>Awarded</b> | <b>Targeted</b> | <b>Potential</b> | <b>Responsibilities</b>                          | <b>Comments</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Credit Pre-req<br>●                                | Pre-Requisite          |                  | ✓              | ✓               | ✓                | Project Manager<br>Cost Consultant<br>Contractor | <p><b>Credit 2 - Sustainability Champion (construction) (Client/Project manager)</b><br/>The Principal contractor appointment contract to be provided.</p> <p><b>Credit 3 (2 Credits +1 exemplary) - Considerate construction</b></p> <p><i>Exemplary credit is added based on CCS report.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

|               |                                        |   |   |   |   |                                                  |                                                                                                                                                                                                                                                                                            |
|---------------|----------------------------------------|---|---|---|---|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Credit 1<br>● | Environmental management               | 1 | 1 | 1 | 1 | Project Manager<br>Cost Consultant<br>Contractor | <b>Credit 2 - Sustainability Champion (construction) (Client/Project manager)</b><br>The Principal contractor appointment contract to be provided.<br><br><b>Credit 3 (2 Credits +1 exemplary) - Considerate construction</b><br><br><i>Exemplary credit is added based on CCS report.</i> |
| Credit 2<br>● | Sustainability Champion (construction) | 1 | 1 | 1 | 1 | Project Manager<br>Cost Consultant<br>Contractor | <b>Credit 2 - Sustainability Champion (construction) (Client/Project manager)</b><br>The Principal contractor appointment contract to be provided.<br><br><b>Credit 3 (2 Credits +1 exemplary) - Considerate construction</b><br><br><i>Exemplary credit is added based on CCS report.</i> |
| Credit 3<br>● | Considerate construction               | 2 | 2 | 2 | 2 | Project Manager<br>Cost Consultant<br>Contractor | <b>Credit 2 - Sustainability Champion (construction) (Client/Project manager)</b><br>The Principal contractor appointment contract to be provided.<br><br><b>Credit 3 (2 Credits +1 exemplary) - Considerate construction</b><br><br><i>Exemplary credit is added based on CCS report.</i> |

|                                            |                                                                                                                       |                  |                |                 |                  |                                                  |                                                                                                                                                                                                                                                                                            |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------|----------------|-----------------|------------------|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Credit 4<br>●                              | Monitoring of construction site impacts - Utility consumption                                                         | 1                | 1              | 1               | 1                | Project Manager<br>Cost Consultant<br>Contractor | <b>Credit 2 - Sustainability Champion (construction) (Client/Project manager)</b><br>The Principal contractor appointment contract to be provided.<br><br><b>Credit 3 (2 Credits +1 exemplary) - Considerate construction</b><br><br><i>Exemplary credit is added based on CCS report.</i> |
| Credit 5<br>●                              | Monitoring of construction site impacts - Transport of construction materials & waste                                 | 1                | 1              | 1               | 1                | Project Manager<br>Cost Consultant<br>Contractor | <b>Credit 2 - Sustainability Champion (construction) (Client/Project manager)</b><br>The Principal contractor appointment contract to be provided.<br><br><b>Credit 3 (2 Credits +1 exemplary) - Considerate construction</b><br><br><i>Exemplary credit is added based on CCS report.</i> |
| Credit e1<br>●                             | Monitoring of construction-site impacts:<br>Transport of construction materials and waste - Simple buildings specific | 1                | 1              | 1               | 1                | Project Manager<br>Cost Consultant<br>Contractor | <b>Credit 2 - Sustainability Champion (construction) (Client/Project manager)</b><br>The Principal contractor appointment contract to be provided.<br><br><b>Credit 3 (2 Credits +1 exemplary) - Considerate construction</b><br><br><i>Exemplary credit is added based on CCS report.</i> |
| <b>Man 04 - Commissioning and handover</b> |                                                                                                                       |                  |                |                 |                  |                                                  |                                                                                                                                                                                                                                                                                            |
|                                            | <b>Credit</b>                                                                                                         | <b>Available</b> | <b>Awarded</b> | <b>Targeted</b> | <b>Potential</b> | <b>Responsibilities</b>                          | <b>Comments</b>                                                                                                                                                                                                                                                                            |

|                           |                                                         |                  |                |                 |                  |                                                                                                |                 |
|---------------------------|---------------------------------------------------------|------------------|----------------|-----------------|------------------|------------------------------------------------------------------------------------------------|-----------------|
| Credit Pre-req<br>●       | Pre-Requisite (Excellent & Outstanding only)            |                  | ✓              | ✓               | ✓                | Project Manager<br>Cost Consultant<br>Electrical Engineer<br>Mechanical Engineer<br>Contractor |                 |
| Credit 1<br>●             | Commissioning and testing schedule and responsibilities | 1                | 1              | 1               | 1                | Project Manager<br>Cost Consultant<br>Electrical Engineer<br>Mechanical Engineer<br>Contractor |                 |
| Credit 2<br>●             | Commissioning building services                         | 1                | 1              | 1               | 1                | Project Manager<br>Cost Consultant<br>Electrical Engineer<br>Mechanical Engineer<br>Contractor |                 |
| Credit 3<br>●             | Testing and inspecting building fabric                  | 1                | 1              | 1               | 1                | Project Manager<br>Cost Consultant<br>Electrical Engineer<br>Mechanical Engineer<br>Contractor |                 |
| Credit 4<br>●             | Handover                                                | 1                | 1              | 1               | 1                | Project Manager<br>Cost Consultant<br>Electrical Engineer<br>Mechanical Engineer<br>Contractor |                 |
| <b>Man 05 - Aftercare</b> |                                                         |                  |                |                 |                  |                                                                                                |                 |
|                           | <b>Credit</b>                                           | <b>Available</b> | <b>Awarded</b> | <b>Targeted</b> | <b>Potential</b> | <b>Responsibilities</b>                                                                        | <b>Comments</b> |

|                          |                                                           |           |         |          |           |                                                            |          |
|--------------------------|-----------------------------------------------------------|-----------|---------|----------|-----------|------------------------------------------------------------|----------|
| Credit 1<br><div></div>  | Aftercare support                                         | 1         | 1       | 1        | 1         | Project Manager<br>Cost Consultant<br>Client<br>Contractor |          |
| Credit 2<br><div></div>  | Seasonal commissioning                                    | 1         | 1       | 1        | 1         | Project Manager<br>Cost Consultant<br>Client<br>Contractor |          |
| Credit 3<br><div></div>  | Post occupancy evaluation                                 | 1         | 1       | 1        | 1         | Project Manager<br>Cost Consultant<br>Client<br>Contractor |          |
| Credit e1<br><div></div> | Aftercare / monitoring: 3 years                           | 1         | 0       | 0        | 0         | Project Manager<br>Cost Consultant<br>Client<br>Contractor |          |
|                          |                                                           | 21        | 16      | 16       | 19        | Standard Management Credit Total                           |          |
|                          |                                                           | 2         | 1       | 1        | 1         | Exemplary Management Credit Total                          |          |
|                          |                                                           | 13.97     | 10.12   | 10.12    | 11.83     | % Management Total (Standard + Exemplary)                  |          |
| Health & Wellbeing       |                                                           |           |         |          |           |                                                            |          |
| Hea 01 - Visual Comfort  |                                                           |           |         |          |           |                                                            |          |
|                          | Credit                                                    | Available | Awarded | Targeted | Potential | Responsibilities                                           | Comments |
| Credit 1<br><div></div>  | Glare control                                             | 1         | 1       | 1        | 1         | Architect                                                  |          |
| Credit 2<br><div></div>  | Daylighting                                               | 3         | 1       | 1        | 1         | Architect                                                  |          |
| Credit 3<br><div></div>  | View out                                                  | 2         | 0       | 0        | 0         | Architect                                                  |          |
| Credit 4<br><div></div>  | Internal and external lighting levels, zoning and control | 1         | 1       | 1        | 1         | Architect                                                  |          |

| Credit e1<br>●                     | Daylighting:<br>Exemplary levels                           | 1         | 0       | 0        | 0         | Architect                           |                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------|------------------------------------------------------------|-----------|---------|----------|-----------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hea 02 - Indoor Air Quality</b> |                                                            |           |         |          |           |                                     |                                                                                                                                                                                                                                                                                                                                          |
|                                    | Credit                                                     | Available | Awarded | Targeted | Potential | Responsibilities                    | Comments                                                                                                                                                                                                                                                                                                                                 |
| Credit 1<br>●                      | Indoor air quality (IAQ) plan                              | 1         | 0       | 0        | 1         | Mechanical<br>Engineer<br>Architect | <p><b>Credit 1 - Indoor air quality (IAQ) plan (Client/Project Manager)</b></p> <p>The evidence has been reviewed with BYA but they don't feel it would be their responsibility.<br/>The evidence was requested from the client (14.07.2023)</p> <p><b>Credit 2 - Ventilation</b><br/>The current design cannot achieve this credit.</p> |
| Credit 2<br>●                      | Ventilation                                                | 1         | 0       | 0        | 1         | Mechanical<br>Engineer<br>Architect | <p><b>Credit 1 - Indoor air quality (IAQ) plan (Client/Project Manager)</b></p> <p>The evidence has been reviewed with BYA but they don't feel it would be their responsibility.<br/>The evidence was requested from the client (14.07.2023)</p> <p><b>Credit 2 - Ventilation</b><br/>The current design cannot achieve this credit.</p> |
| Credit 3<br>●                      | Volatile organic compound (VOC) emission levels (products) | 1         | 1       | 1        | 1         | Mechanical<br>Engineer<br>Architect | <p><b>Credit 1 - Indoor air quality (IAQ) plan (Client/Project Manager)</b></p> <p>The evidence has been reviewed with BYA but they don't feel it would be their responsibility.<br/>The evidence was requested from the client (14.07.2023)</p> <p><b>Credit 2 - Ventilation</b><br/>The current design cannot achieve this credit.</p> |

|                                 |                                                                     |                  |                |                 |                  |                                  |                                                                                                                                                                                                                                                                                                                                 |
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| Credit 4<br>●                   | Volatile organic compound (VOC) emission levels (post construction) | 1                | 0              | 0               | 0                | Mechanical Engineer<br>Architect | <b>Credit 1 - Indoor air quality (IAQ) plan (Client/Project Manager)</b><br><br>The evidence has been reviewed with BYA but they don't feel it would be their responsibility.<br>The evidence was requested from the client (14.07.2023)<br><br><b>Credit 2 - Ventilation</b><br>The current design cannot achieve this credit. |
| Credit 5<br>●                   | Potential for natural ventilation                                   | 1                | 1              | 1               | 1                | Mechanical Engineer<br>Architect | <b>Credit 1 - Indoor air quality (IAQ) plan (Client/Project Manager)</b><br><br>The evidence has been reviewed with BYA but they don't feel it would be their responsibility.<br>The evidence was requested from the client (14.07.2023)<br><br><b>Credit 2 - Ventilation</b><br>The current design cannot achieve this credit. |
| Credit e1<br>●                  | VOC emissions (post construction): Exemplary levels                 | 2                | 0              | 0               | 0                | Mechanical Engineer<br>Architect | <b>Credit 1 - Indoor air quality (IAQ) plan (Client/Project Manager)</b><br><br>The evidence has been reviewed with BYA but they don't feel it would be their responsibility.<br>The evidence was requested from the client (14.07.2023)<br><br><b>Credit 2 - Ventilation</b><br>The current design cannot achieve this credit. |
| <b>Hea 04 - Thermal comfort</b> |                                                                     |                  |                |                 |                  |                                  |                                                                                                                                                                                                                                                                                                                                 |
|                                 | <b>Credit</b>                                                       | <b>Available</b> | <b>Awarded</b> | <b>Targeted</b> | <b>Potential</b> | <b>Responsibilities</b>          | <b>Comments</b>                                                                                                                                                                                                                                                                                                                 |

|                                                       |                                                        |           |         |          |           |                                                                           |                                                                                                                                                            |
|-------------------------------------------------------|--------------------------------------------------------|-----------|---------|----------|-----------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Credit 1<br><div></div>                               | Thermal modelling                                      | 1         | 1       | 1        | 1         | Mechanical Engineer<br>Energy / Thermal Modelling Consultant<br>Architect | <b>Credit 3 - Thermal zoning and controls (M&amp;E)</b><br><br>Additional evidence provided by BYA to be reviewed and uploaded.                            |
| Credit 2<br><div></div>                               | Adaptability - for a projected climate change scenario | 1         | 0       | 0        | 0         | Mechanical Engineer<br>Energy / Thermal Modelling Consultant<br>Architect | <b>Credit 3 - Thermal zoning and controls (M&amp;E)</b><br><br>Additional evidence provided by BYA to be reviewed and uploaded.                            |
| Credit 3<br><div></div>                               | Thermal zoning and controls                            | 1         | 1       | 1        | 1         | Mechanical Engineer<br>Energy / Thermal Modelling Consultant<br>Architect | <b>Credit 3 - Thermal zoning and controls (M&amp;E)</b><br><br>Additional evidence provided by BYA to be reviewed and uploaded.                            |
| Hea 05 - Acoustic Performance                         |                                                        |           |         |          |           |                                                                           |                                                                                                                                                            |
|                                                       | Credit                                                 | Available | Awarded | Targeted | Potential | Responsibilities                                                          | Comments                                                                                                                                                   |
| Credit 1<br><div></div>                               | Acoustic performance                                   | 3         | 0       | 3        | 3         | Project Manager<br>Acoustician                                            | <b>Credit 1 - Acoustic performance (Project manager / Acoustic consultant)</b><br><br>Project manager / Acoustic consultant to provide report as evidence. |
| Hea 06 - Safety and Security                          |                                                        |           |         |          |           |                                                                           |                                                                                                                                                            |
|                                                       | Credit                                                 | Available | Awarded | Targeted | Potential | Responsibilities                                                          | Comments                                                                                                                                                   |
| Credit 1<br><div></div>                               | Security of site and building                          | 1         | 0       | 0        | 0         |                                                                           |                                                                                                                                                            |
|                                                       |                                                        | 19        | 7       | 10       | 12        | Standard Health & Wellbeing Credit Total                                  |                                                                                                                                                            |
|                                                       |                                                        | 3         | 0       | 0        | 0         | Exemplary Health & Wellbeing Credit Total                                 |                                                                                                                                                            |
|                                                       |                                                        | 18.01     | 5.53    | 7.90     | 9.48      | % Health & Wellbeing Total (Standard + Exemplary)                         |                                                                                                                                                            |
| Energy                                                |                                                        |           |         |          |           |                                                                           |                                                                                                                                                            |
| Ene 01 - Reduction of energy use and carbon emissions |                                                        |           |         |          |           |                                                                           |                                                                                                                                                            |
|                                                       | Credit                                                 | Available | Awarded | Targeted | Potential | Responsibilities                                                          | Comments                                                                                                                                                   |

|                                   |                                                                                                                                                                                                                                                                              |                  |                |                 |                  |                                                              |                                                                                                                                                                                                                                                                                                                                              |
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| Credit 1<br>●                     | Where evidence provided demonstrates an improvement in the energy efficiency of the building's fabric and services and therefore achieves lower building operational related CO2 emissions. This credit value is provided by the BRE as part of a BREEAM Bespoke assessment. | 13.5             | 13             | 13              | 13               | Mechanical Engineer<br>Energy / Thermal Modelling Consultant |                                                                                                                                                                                                                                                                                                                                              |
| Credit e1<br>●                    | Zero regulated carbon / carbon negative                                                                                                                                                                                                                                      | 5                | 0              | 0               | 2                | Mechanical Engineer<br>Energy / Thermal Modelling Consultant |                                                                                                                                                                                                                                                                                                                                              |
| <b>Ene 02 - Energy Monitoring</b> |                                                                                                                                                                                                                                                                              |                  |                |                 |                  |                                                              |                                                                                                                                                                                                                                                                                                                                              |
|                                   | <b>Credit</b>                                                                                                                                                                                                                                                                | <b>Available</b> | <b>Awarded</b> | <b>Targeted</b> | <b>Potential</b> | <b>Responsibilities</b>                                      | <b>Comments</b>                                                                                                                                                                                                                                                                                                                              |
| Credit 1<br>●                     | Sub-metering of major energy consuming systems                                                                                                                                                                                                                               | 1                | 1              | 1               | 1                | Electrical Engineer<br>Mechanical Engineer                   | <b>Credit 1 - Sub-metering of major energy consuming systems (M&amp;E / BRE Assessor)</b><br>Additional evidence provided by BYA to review and provide feedback.<br><br><b>Credit 2 - Sub-metering of high energy load and tenancy areas (M&amp;E / BRE Assessor)</b><br>Additional evidence provided by BYA to review and provide feedback. |

|                                            |                                                          |                  |                |                 |                  |                                                  |                                                                                                                                                                                                                                                                                                                                              |
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| Credit 2<br>●                              | Sub-metering of high energy load and tenancy areas       | 1                | 1              | 1               | 1                | Electrical Engineer<br>Mechanical Engineer       | <b>Credit 1 - Sub-metering of major energy consuming systems (M&amp;E / BRE Assessor)</b><br>Additional evidence provided by BYA to review and provide feedback.<br><br><b>Credit 2 - Sub-metering of high energy load and tenancy areas (M&amp;E / BRE Assessor)</b><br>Additional evidence provided by BYA to review and provide feedback. |
| <b>Ene 03 - External Lighting</b>          |                                                          |                  |                |                 |                  |                                                  |                                                                                                                                                                                                                                                                                                                                              |
|                                            | <b>Credit</b>                                            | <b>Available</b> | <b>Awarded</b> | <b>Targeted</b> | <b>Potential</b> | <b>Responsibilities</b>                          | <b>Comments</b>                                                                                                                                                                                                                                                                                                                              |
| Credit 1<br>●                              | External lighting                                        | 1                | 1              | 1               | 1                | Electrical Engineer                              |                                                                                                                                                                                                                                                                                                                                              |
| <b>Ene 04 - Low carbon design</b>          |                                                          |                  |                |                 |                  |                                                  |                                                                                                                                                                                                                                                                                                                                              |
|                                            | <b>Credit</b>                                            | <b>Available</b> | <b>Awarded</b> | <b>Targeted</b> | <b>Potential</b> | <b>Responsibilities</b>                          | <b>Comments</b>                                                                                                                                                                                                                                                                                                                              |
| Credit 1<br>●                              | Passive design - Passive design analysis                 | 1                | 1              | 1               | 1                | Mechanical Engineer<br>Sustainability Consultant |                                                                                                                                                                                                                                                                                                                                              |
| Credit 2<br>●                              | Passive design - Free cooling                            | 1                | 0              | 0               | 0                | Mechanical Engineer<br>Sustainability Consultant |                                                                                                                                                                                                                                                                                                                                              |
| Credit 3<br>●                              | Low and zero carbon technologies - LZC feasibility study | 1                | 1              | 1               | 1                | Mechanical Engineer<br>Sustainability Consultant |                                                                                                                                                                                                                                                                                                                                              |
| <b>Ene 08 - Energy Efficient Equipment</b> |                                                          |                  |                |                 |                  |                                                  |                                                                                                                                                                                                                                                                                                                                              |
|                                            | <b>Credit</b>                                            | <b>Available</b> | <b>Awarded</b> | <b>Targeted</b> | <b>Potential</b> | <b>Responsibilities</b>                          | <b>Comments</b>                                                                                                                                                                                                                                                                                                                              |

|                                                |                                 |                  |                |                 |                  |                                              |                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------|---------------------------------|------------------|----------------|-----------------|------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Credit 1<br><div></div>                        | Energy efficient equipment      | 2                | 0              | 2               | 2                | Electrical Engineer Client                   | <b>Credit 1 - Energy efficient equipment (Client)</b><br><br>It is unclear if the evidence can be provided for this credit to achieve the targeted credits and who is responsible for providing the evidence.<br>BYA confirmed that this credit is outside of their scope of works.<br><br>CREDIT UNDER RISK |
|                                                |                                 | 21.5             | 18             | 20              | 20               | <b>Standard Energy Credit Total</b>          |                                                                                                                                                                                                                                                                                                              |
|                                                |                                 | 5                | 0              | 0               | 2                | <b>Exemplary Energy Credit Total</b>         |                                                                                                                                                                                                                                                                                                              |
|                                                |                                 | 20.05            | 12.60          | 14              | 16               | <b>% Energy Total (Standard + Exemplary)</b> |                                                                                                                                                                                                                                                                                                              |
| <b>Transport</b>                               |                                 |                  |                |                 |                  |                                              |                                                                                                                                                                                                                                                                                                              |
| <b>Tra 01 - Public Transport Accessibility</b> |                                 |                  |                |                 |                  |                                              |                                                                                                                                                                                                                                                                                                              |
|                                                | <b>Credit</b>                   | <b>Available</b> | <b>Awarded</b> | <b>Targeted</b> | <b>Potential</b> | <b>Responsibilities</b>                      | <b>Comments</b>                                                                                                                                                                                                                                                                                              |
| Credit 1<br><div></div>                        | Sustainable transport solutions | 3                | 2              | 2               | 2                | Transport Consultant                         |                                                                                                                                                                                                                                                                                                              |
| <b>Tra 02 - Proximity to amenities</b>         |                                 |                  |                |                 |                  |                                              |                                                                                                                                                                                                                                                                                                              |
|                                                | <b>Credit</b>                   | <b>Available</b> | <b>Awarded</b> | <b>Targeted</b> | <b>Potential</b> | <b>Responsibilities</b>                      | <b>Comments</b>                                                                                                                                                                                                                                                                                              |
| Credit 1<br><div></div>                        | Proximity to local amenities    | 1                | 1              | 1               | 1                | Transport Consultant Architect               |                                                                                                                                                                                                                                                                                                              |
| <b>Tra 03 - Cyclist facilities</b>             |                                 |                  |                |                 |                  |                                              |                                                                                                                                                                                                                                                                                                              |
|                                                | <b>Credit</b>                   | <b>Available</b> | <b>Awarded</b> | <b>Targeted</b> | <b>Potential</b> | <b>Responsibilities</b>                      | <b>Comments</b>                                                                                                                                                                                                                                                                                              |
| Credit 1<br><div></div>                        | Cycle storage                   | 1                | 1              | 1               | 1                | Architect                                    |                                                                                                                                                                                                                                                                                                              |
| Credit 2<br><div></div>                        | Cyclist facilities              | 1                | 1              | 1               | 1                | Architect                                    |                                                                                                                                                                                                                                                                                                              |
| <b>Tra 04 - Maximum Car Parking Capacity</b>   |                                 |                  |                |                 |                  |                                              |                                                                                                                                                                                                                                                                                                              |
|                                                | <b>Credit</b>                   | <b>Available</b> | <b>Awarded</b> | <b>Targeted</b> | <b>Potential</b> | <b>Responsibilities</b>                      | <b>Comments</b>                                                                                                                                                                                                                                                                                              |
| Credit 1<br><div></div>                        | Maximum car parking capacity    | 2                | 1              | 1               | 1                | Architect                                    |                                                                                                                                                                                                                                                                                                              |

| Tra 05 - Travel Plan               |                                          |           |             |             |             |                                          |          |
|------------------------------------|------------------------------------------|-----------|-------------|-------------|-------------|------------------------------------------|----------|
|                                    | Credit                                   | Available | Awarded     | Targeted    | Potential   | Responsibilities                         | Comments |
| Credit 1<br><div></div>            | Travel plan                              | 1         | 1           | 1           | 1           | Transport Consultant                     |          |
|                                    |                                          | 9         | 7           | 7           | 7           | Standard Transport Credit Total          |          |
|                                    |                                          | 0         | 0           | 0           | 0           | Exemplary Transport Credit Total         |          |
|                                    |                                          | 9         | 7           | 7           | 7           | % Transport Total (Standard + Exemplary) |          |
| Water                              |                                          |           |             |             |             |                                          |          |
| Wat 01 - Water Consumption         |                                          |           |             |             |             |                                          |          |
|                                    | Credit                                   | Available | Awarded     | Targeted    | Potential   | Responsibilities                         | Comments |
| Credit 1<br><div></div>            | Water consumption                        | 5         | 2           | 2           | 3           | Mechanical Engineer<br>Architect         |          |
| Credit e1<br><div></div>           | Water consumption:<br>Exemplary levels   | 1         | 0           | 0           | 0           | Mechanical Engineer<br>Architect         |          |
| Wat 02 - Water Monitoring          |                                          |           |             |             |             |                                          |          |
|                                    | Credit                                   | Available | Awarded     | Targeted    | Potential   | Responsibilities                         | Comments |
| Credit Pre-req<br><div></div>      | Pre-requisite (Good to Outstanding ONLY) |           | <div></div> | <div></div> | <div></div> | Mechanical Engineer                      |          |
| Credit 1<br><div></div>            | Water monitoring                         | 1         | 1           | 1           | 1           | Mechanical Engineer                      |          |
| Wat 03 - Leak Detection            |                                          |           |             |             |             |                                          |          |
|                                    | Credit                                   | Available | Awarded     | Targeted    | Potential   | Responsibilities                         | Comments |
| Credit 1<br><div></div>            | Leak detection system                    | 1         | 1           | 1           | 1           | Mechanical Engineer                      |          |
| Credit 2<br><div></div>            | Flow control devices                     | 1         | 1           | 1           | 1           | Mechanical Engineer                      |          |
| Wat 04 - Water Efficient Equipment |                                          |           |             |             |             |                                          |          |
|                                    | Credit                                   | Available | Awarded     | Targeted    | Potential   | Responsibilities                         | Comments |

|                                            |                                                      |           |             |             |             |                                                         |                                                                                                                                                       |
|--------------------------------------------|------------------------------------------------------|-----------|-------------|-------------|-------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Credit 1<br><div></div>                    | Water efficient equipment                            | 1         | 1           | 1           | 1           | Client Architect                                        |                                                                                                                                                       |
|                                            |                                                      | 9         | 6           | 6           | 7           | Standard Water Credit Total                             |                                                                                                                                                       |
|                                            |                                                      | 1         | 0           | 0           | 0           | Exemplary Water Credit Total                            |                                                                                                                                                       |
|                                            |                                                      | 8.02      | 4.68        | 4.68        | 5.46        | % Water Total (Standard + Exemplary)                    |                                                                                                                                                       |
| Materials                                  |                                                      |           |             |             |             |                                                         |                                                                                                                                                       |
| Mat 01 - Life Cycle Impacts                |                                                      |           |             |             |             |                                                         |                                                                                                                                                       |
|                                            | Credit                                               | Available | Awarded     | Targeted    | Potential   | Responsibilities                                        | Comments                                                                                                                                              |
| Credit 1<br><div></div>                    | Life cycle impacts                                   | 6         | 0           | 0           | 0           | Array<br>Project Manager<br>Civil Engineer<br>Architect |                                                                                                                                                       |
| Credit e1<br><div></div>                   | Green Guide to Specification - Exemplary performance | 1         | 0           | 0           | 0           | Array<br>Project Manager<br>Civil Engineer<br>Architect |                                                                                                                                                       |
| Mat 03 - Responsible Sourcing of Materials |                                                      |           |             |             |             |                                                         |                                                                                                                                                       |
|                                            | Credit                                               | Available | Awarded     | Targeted    | Potential   | Responsibilities                                        | Comments                                                                                                                                              |
| Credit Pre-req<br><div></div>              | Pre-requisite                                        |           | <div></div> | <div></div> | <div></div> | Project Manager<br>Civil Engineer<br>Architect          | <b>Credit 1 - Sustainable Procurement Plan (Civil Engineer/Project Manager/Contractor)</b><br><br>Provide a copy of the Sustainable Procurement Plan. |
| Credit 1<br><div></div>                    | Sustainable Procurement Plan                         | 1         | 1           | 1           | 1           | Project Manager<br>Civil Engineer<br>Architect          | <b>Credit 1 - Sustainable Procurement Plan (Civil Engineer/Project Manager/Contractor)</b><br><br>Provide a copy of the Sustainable Procurement Plan. |
| Credit 2<br><div></div>                    | Responsible sourcing of materials (RSM)              | 3         | 1           | 1           | 1           | Project Manager<br>Civil Engineer<br>Architect          | <b>Credit 1 - Sustainable Procurement Plan (Civil Engineer/Project Manager/Contractor)</b><br><br>Provide a copy of the Sustainable Procurement Plan. |
| Credit e1<br><div></div>                   | Exemplary performance: Responsible sourcing          | 1         | 0           | 0           | 0           | Project Manager<br>Civil Engineer<br>Architect          | <b>Credit 1 - Sustainable Procurement Plan (Civil Engineer/Project Manager/Contractor)</b><br><br>Provide a copy of the Sustainable Procurement Plan. |

| Mat 04 - Insulation                              |                                                                                                                              |           |         |          |           |                                          |                                                                                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------|---------|----------|-----------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                  | Credit                                                                                                                       | Available | Awarded | Targeted | Potential | Responsibilities                         | Comments                                                                                                                                                                                                                                     |
| Credit 1<br><div></div>                          | Embodied impact                                                                                                              | 1         | 0       | 0        | 1         | Mechanical<br>Engineer<br>Architect      | <b>Credit 1 - Embodied impact</b><br><br>With the current material, this credit cannot be achieved by a small margine. The architect to assess if the credit can be achieved by using insulation materials with less embodied carbon impact. |
| Mat 05 - Designing for durability and resilience |                                                                                                                              |           |         |          |           |                                          |                                                                                                                                                                                                                                              |
|                                                  | Credit                                                                                                                       | Available | Awarded | Targeted | Potential | Responsibilities                         | Comments                                                                                                                                                                                                                                     |
| Credit 1<br><div></div>                          | Protecting vulnerable parts of the building from damage & protecting exposed parts of the building from material degradation | 1         | 1       | 1        | 1         | Architect                                |                                                                                                                                                                                                                                              |
| Mat 06 - Material efficiency                     |                                                                                                                              |           |         |          |           |                                          |                                                                                                                                                                                                                                              |
|                                                  | Credit                                                                                                                       | Available | Awarded | Targeted | Potential | Responsibilities                         | Comments                                                                                                                                                                                                                                     |
| Credit 1<br><div></div>                          | Material efficiency                                                                                                          | 1         | 0       | 0        | 0         |                                          |                                                                                                                                                                                                                                              |
|                                                  |                                                                                                                              | 13        | 3       | 3        | 4         | Standard Materials Credit Total          |                                                                                                                                                                                                                                              |
|                                                  |                                                                                                                              | 2         | 0       | 0        | 0         | Exemplary Materials Credit Total         |                                                                                                                                                                                                                                              |
|                                                  |                                                                                                                              | 15.52     | 3.12    | 3.12     | 4.16      | % Materials Total (Standard + Exemplary) |                                                                                                                                                                                                                                              |
| Waste                                            |                                                                                                                              |           |         |          |           |                                          |                                                                                                                                                                                                                                              |
| Wst 01 - Construction Waste Management           |                                                                                                                              |           |         |          |           |                                          |                                                                                                                                                                                                                                              |
|                                                  | Credit                                                                                                                       | Available | Awarded | Targeted | Potential | Responsibilities                         | Comments                                                                                                                                                                                                                                     |

|                |                                                                               |   |   |   |   |                 |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------|-------------------------------------------------------------------------------|---|---|---|---|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Credit 1<br>●  | Pre-refurbishment audit                                                       | 1 | 0 | 0 | 0 | Cost Consultant | <b>Credit 3 (1 credit) - Resource efficiency</b><br>One credit is available as per proposed figures, indicated in the Waste Management Plan<br><br><b>Credit 4 (1 credit) - Diversion of resources from landfill</b><br>Exemplary level credit may be available at PC stage in case if the contractor provides waste report with indication of diversion figures (95% of refurbishment volume, 95% of demolition volume). |
| Credit 2<br>●  | Reuse and direct recycling of materials                                       | 2 | 1 | 1 | 1 | Cost Consultant | <b>Credit 3 (1 credit) - Resource efficiency</b><br>One credit is available as per proposed figures, indicated in the Waste Management Plan<br><br><b>Credit 4 (1 credit) - Diversion of resources from landfill</b><br>Exemplary level credit may be available at PC stage in case if the contractor provides waste report with indication of diversion figures (95% of refurbishment volume, 95% of demolition volume). |
| Credit 3<br>●  | Construction resource efficiency                                              | 3 | 1 | 1 | 1 | Cost Consultant | <b>Credit 3 (1 credit) - Resource efficiency</b><br>One credit is available as per proposed figures, indicated in the Waste Management Plan<br><br><b>Credit 4 (1 credit) - Diversion of resources from landfill</b><br>Exemplary level credit may be available at PC stage in case if the contractor provides waste report with indication of diversion figures (95% of refurbishment volume, 95% of demolition volume). |
| Credit 4<br>●  | Diversion of resources from landfill                                          | 1 | 1 | 1 | 1 | Cost Consultant | <b>Credit 3 (1 credit) - Resource efficiency</b><br>One credit is available as per proposed figures, indicated in the Waste Management Plan<br><br><b>Credit 4 (1 credit) - Diversion of resources from landfill</b><br>Exemplary level credit may be available at PC stage in case if the contractor provides waste report with indication of diversion figures (95% of refurbishment volume, 95% of demolition volume). |
| Credit e1<br>● | Resource efficiency / Diversion of waste from landfill: Exemplary performance | 1 | 0 | 0 | 1 | Cost Consultant | <b>Credit 3 (1 credit) - Resource efficiency</b><br>One credit is available as per proposed figures, indicated in the Waste Management Plan<br><br><b>Credit 4 (1 credit) - Diversion of resources from landfill</b><br>Exemplary level credit may be available at PC stage in case if the contractor provides waste report with indication of diversion figures (95% of refurbishment volume, 95% of demolition volume). |

| Wst 02 - Recycled Aggregates              |                                                                 |           |         |          |           |                                      |          |
|-------------------------------------------|-----------------------------------------------------------------|-----------|---------|----------|-----------|--------------------------------------|----------|
|                                           | Credit                                                          | Available | Awarded | Targeted | Potential | Responsibilities                     | Comments |
| Credit 1<br><div></div>                   | Recycled aggregates                                             | 1         | 0       | 0        | 0         |                                      |          |
| Credit e1<br><div></div>                  | Recycled aggregates:<br>Exemplary performance                   | 1         | 0       | 0        | 0         |                                      |          |
| Wst 03 - Operational Waste                |                                                                 |           |         |          |           |                                      |          |
|                                           | Credit                                                          | Available | Awarded | Targeted | Potential | Responsibilities                     | Comments |
| Credit 1<br><div></div>                   | Operational waste                                               | 1         | 1       | 1        | 1         | Architect                            |          |
| Wst 05 - Adaptation to climate change     |                                                                 |           |         |          |           |                                      |          |
|                                           | Credit                                                          | Available | Awarded | Targeted | Potential | Responsibilities                     | Comments |
| Credit 1<br><div></div>                   | Adaptation to climate change - structural and fabric resilience | 1         | 0       | 0        | 0         |                                      |          |
| Credit e1<br><div></div>                  | Responding to adaptation to climate change                      | 1         | 0       | 0        | 0         |                                      |          |
| Wst 06 - Functional adaptability          |                                                                 |           |         |          |           |                                      |          |
|                                           | Credit                                                          | Available | Awarded | Targeted | Potential | Responsibilities                     | Comments |
| Credit 1<br><div></div>                   | Functional adaptability                                         | 1         | 0       | 0        | 0         |                                      |          |
|                                           |                                                                 | 11        | 4       | 4        | 4         | Standard Waste Credit Total          |          |
|                                           |                                                                 | 3         | 0       | 0        | 1         | Exemplary Waste Credit Total         |          |
|                                           |                                                                 | 11.47     | 3.08    | 3.08     | 4.08      | % Waste Total (Standard + Exemplary) |          |
| Land Use & Ecology                        |                                                                 |           |         |          |           |                                      |          |
| LE 02 - Protection of Ecological Features |                                                                 |           |         |          |           |                                      |          |
|                                           | Credit                                                          | Available | Awarded | Targeted | Potential | Responsibilities                     | Comments |

|                                          |                                        |           |         |          |           |                                                   |                                                                                                                                                                                                                                                                  |
|------------------------------------------|----------------------------------------|-----------|---------|----------|-----------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Credit 1<br><div></div>                  | Protection of ecological features      | 1         | 1       | 1        | 1         | Ecologist                                         | Criterion 2 - Evidence proving that recommendations of SQA are/will be implemented is required (commitment letter is pending submission)                                                                                                                         |
| LE 04 - Enhancing site ecology           |                                        |           |         |          |           |                                                   |                                                                                                                                                                                                                                                                  |
|                                          | Credit                                 | Available | Awarded | Targeted | Potential | Responsibilities                                  | Comments                                                                                                                                                                                                                                                         |
| Credit 1<br><div></div>                  | Ecologist's report and recommendations | 1         | 1       | 1        | 1         | Ecologist                                         | <b>Criterion 3</b> - evidence (commitment letter or statement) proving that recommendations provided by SQA regarding site preparation will be or have been implemented before commencement of construction/refurbishment works. (request being sent to Fulkers) |
| LE 05 - Long Term Impact on Biodiversity |                                        |           |         |          |           |                                                   |                                                                                                                                                                                                                                                                  |
|                                          | Credit                                 | Available | Awarded | Targeted | Potential | Responsibilities                                  | Comments                                                                                                                                                                                                                                                         |
| Credit 1<br><div></div>                  | Long term impact on biodiversity       | 2         | 0       | 0        | 0         | Ecologist                                         |                                                                                                                                                                                                                                                                  |
|                                          |                                        | 4         | 2       | 2        | 2         | Standard Land Use & Ecology Credit Total          |                                                                                                                                                                                                                                                                  |
|                                          |                                        | 0         | 0       | 0        | 0         | Exemplary Land Use & Ecology Credit Total         |                                                                                                                                                                                                                                                                  |
|                                          |                                        | 10        | 5       | 5        | 5         | % Land Use & Ecology Total (Standard + Exemplary) |                                                                                                                                                                                                                                                                  |
| Pollution                                |                                        |           |         |          |           |                                                   |                                                                                                                                                                                                                                                                  |
| Pol 01 - Impact of Refrigerants          |                                        |           |         |          |           |                                                   |                                                                                                                                                                                                                                                                  |
|                                          | Credit                                 | Available | Awarded | Targeted | Potential | Responsibilities                                  | Comments                                                                                                                                                                                                                                                         |

|                                       |                                               |                  |                |                 |                  |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------|-----------------------------------------------|------------------|----------------|-----------------|------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Credit 1<br>●                         | Impact of refrigerants                        | 3                | 0              | 0               | 0                | Mechanical Engineer                                | <p><b>Credit 0 - Pre-requisite (M&amp;E)</b></p> <p>All systems (with electric compressors) must comply with the requirements of BS EN 378:2008 1 (parts 2 and 3) and where refrigeration systems containing ammonia are installed, the Institute of Refrigeration Ammonia Refrigeration Systems Code of Practice.</p> <p><b>Credit 1 (1 credit) - Impact of refrigerant (M&amp;E)</b></p> <p>We are not achieving this credit at this moment because the specified systems using refrigerants have Direct Effect Life Cycle CO2 equivalent emissions (DELC CO 2e ) of &gt; 1000 kgCO 2e /kW cooling/heating capacity. Can this credit be achieved by changing the equipment spec?</p> <p><b>Credit 2 - Leak detection (M&amp;E)</b></p> <p>Not achieving this credit as per the latest BYA advise.</p> |
| <b>Pol 02 - NOx emissions</b>         |                                               |                  |                |                 |                  |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                       | <b>Credit</b>                                 | <b>Available</b> | <b>Awarded</b> | <b>Targeted</b> | <b>Potential</b> | <b>Responsibilities</b>                            | <b>Comments</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Credit 1<br>●                         | NOx emission levels for heating and hot water | 3                | 2              | 3               | 3                | Mechanical Engineer                                | <p><b>Credit 1 - NOx emission levels for heating and hot water (Client)</b></p> <p>URGENT - Datasheet for boiler with indication of oxygen % is requested from UoR.(Darrell Marchand) on 25.08.23</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Pol 03 - Surface Water Run Off</b> |                                               |                  |                |                 |                  |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                       | <b>Credit</b>                                 | <b>Available</b> | <b>Awarded</b> | <b>Targeted</b> | <b>Potential</b> | <b>Responsibilities</b>                            | <b>Comments</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Credit 1<br>●                         | Flood resilience                              | 2                | 2              | 2               | 2                | Civil Engineer<br>Drainage / Flood Risk Consultant | <p><b>Credit 2 (2 Credits) - Surface water run-off</b></p> <p>These credits were lost due to design non-compliant with the BREEAM criteria.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Credit 2<br>●                         | Surface water run-off                         | 2                | 0              | 0               | 0                | Civil Engineer<br>Drainage / Flood Risk Consultant | <p><b>Credit 2 (2 Credits) - Surface water run-off</b></p> <p>These credits were lost due to design non-compliant with the BREEAM criteria.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

|                                                  |                                               |           |         |          |           |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------|-----------------------------------------------|-----------|---------|----------|-----------|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Credit 3<br>●                                    | Minimising watercourse pollution              | 1         | 0       | 0        | 0         | Civil Engineer<br>Drainage / Flood Risk Consultant    | <b>Credit 2 (2 Credits) - Surface water run-off</b><br><br>These credits were lost due to design non-compliant with the BREEAM criteria.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Credit e1<br>●                                   | Exemplary performance - Surface water run-off | 1         | 0       | 0        | 0         | Civil Engineer<br>Drainage / Flood Risk Consultant    | <b>Credit 2 (2 Credits) - Surface water run-off</b><br><br>These credits were lost due to design non-compliant with the BREEAM criteria.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Pol 04 - Reduction of Night Time Light Pollution |                                               |           |         |          |           |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                  | Credit                                        | Available | Awarded | Targeted | Potential | Responsibilities                                      | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Credit 1<br>●                                    | Reduction of night time light pollution       | 1         | 1       | 1        | 1         | Electrical Engineer                                   | <b>Credit 1 - Reduction of night time light pollution (M&amp;E)</b><br>Subject to confirmation from BYA regarding the following:<br><b>Requirement 2</b> - The external lighting strategy has been designed in compliance with Table 2 (and its accompanying notes) of the ILP Guidance notes for the reduction of obtrusive light, 20111. (This can be demonstrated via completion of the checklists in Annexes B and C of the guidance note by a relevant member of the design team)<br><b>Requirement 5</b> - Illuminated advertisements, where specified, must be designed in compliance with ILE Technical Report 5 - The Brightness of Illuminated Advertisements3. (request was resend on 30.08.2023) |
| Pol 05 - Noise Attenuation                       |                                               |           |         |          |           |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                  | Credit                                        | Available | Awarded | Targeted | Potential | Responsibilities                                      | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Credit 1<br>●                                    | Reduction of noise pollution                  | 1         | 0       | 1        | 1         | Project Manager<br>Acoustician<br>Mechanical Engineer | <b>Credit 1 - Reduction of noise pollution (Acoustic Consultant/project manager)</b><br><br>A complaint noise impact assessment report to be provided confirming that this credit can be achieved if recommendations of the report followed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                  |                                               | 13        | 5       | 7        | 7         | Standard Pollution Credit Total                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                  |                                               | 1         | 0       | 0        | 0         | Exemplary Pollution Credit Total                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                  |                                               | 11.01     | 3.85    | 5.39     | 5.39      | % Pollution Total (Standard + Exemplary)              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Innovation                                       |                                               |           |         |          |           |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| AI - Approved Innovation                         |                                               |           |         |          |           |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

|               | Credit                                        | Available | Awarded | Targeted | Potential | Responsibilities                                 | Comments |
|---------------|-----------------------------------------------|-----------|---------|----------|-----------|--------------------------------------------------|----------|
| Credit 1<br>● | Innovation application approved by BRE Global | 1         | 0       | 0        | 0         |                                                  |          |
|               |                                               | 0         | 0       | 0        | 0         | <b>Standard Innovation Credit Total</b>          |          |
|               |                                               | 1         | 0       | 0        | 0         | <b>Exemplary Innovation Credit Total</b>         |          |
|               |                                               | 1         | 0       | 0        | 0         | <b>% Innovation Total (Standard + Exemplary)</b> |          |