**London Borough of Southwark**

**Energy Efficiency and Sustainability Plan**

# Part B Pre-Occupation Energy Review

(To be completed and submitted for approval prior to occupation. Post-occupation targets to be assessed against pre-commencement energy review pro-forma)

|  |  |
| --- | --- |
| **Scheme address:** |  |
| **Planning Reference:** |  |
| **Scheme Description:** |  |
| **Person/s undertaking review on behalf of applicant** *(include organisation name and registration number)***:** |  |

This form must be completed by an appropriately qualified independent Energy and Sustainability Consultant, undertaking the review of the Energy Efficiency and Sustainability Plans, as required by the S106 Legal Agreement, on behalf of the applicant. Please complete the form in full.

**ENERGY HIERARCHY – Pre-Occupation**

Please enter in the tables below carbon reductions for each stage of the energy hierarchy (Baseline, Be Lean, Be Clean, Be Green) and for each development type, following the guidance outlined in the *GLA’s Energy Assessment Guidance 2022*

Please be aware that where carbon dioxide reduction targets are not met, the applicant will be required to provide details of their remedial proposals, either to:

1. Retrofit on-site carbon reduction measures with a view to meeting targets, or
2. Implement carbon reduction measures elsewhere in the borough (prior agreement with the Council will be sought)
3. Make a carbon offset payment, where appropriate.

**Key targets from approved from GLA Emissions Reporting Spreadsheet**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Residential | | | Non-residential | | | Development Total | | |
| Total regulated emissions  (Tons CO2 / year) | CO2 savings  (Tons CO2 / year) | Percentage savings  (%) | Total regulated emissions  (Tons CO2 / year) | CO2 savings  (Tons CO2 / year) | Percentage savings  (%) | Total regulated emissions  (Tons CO2 / year) | CO2 savings  (Tons CO2 / year) | Percentage savings  (%) |
| **Baseline** |  | N/A | N/A |  | N/A | N/A |  | N/A | N/A |
| **Be Lean** |  |  |  |  |  |  |  |  |  |
| **Be Clean** |  |  |  |  |  |  |  |  |  |
| **Be Green** |  |  |  |  |  |  |  |  |  |
| **TOTAL** |  |  |  |  |  |  |  |  |  |
| **Target** |  |  |  |  |  |  |  |  |  |
| **Shortfall** |  |  |  |  |  |  |  |  |  |

*\* reduction calculated against previous stage (except TOTAL, which is calculated against Baseline)*

**Pre-commencement proposals (from Part A Pre-Commencement pro-forma):**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Residential | | | Non-residential | | | Development Total | | |
| Total regulated emissions  (Tons CO2 / year) | CO2 savings  (Tons CO2 / year) | Percentage savings  (%) | Total regulated emissions  (Tons CO2 / year) | CO2 savings  (Tons CO2 / year) | Percentage savings  (%) | Total regulated emissions  (Tons CO2 / year) | CO2 savings  (Tons CO2 / year) | Percentage savings  (%) |
| **Baseline** |  | N/A | N/A |  | N/A | N/A |  | N/A | N/A |
| **Be Lean** |  |  |  |  |  |  |  |  |  |
| **Be Clean** |  |  |  |  |  |  |  |  |  |
| **Be Green** |  |  |  |  |  |  |  |  |  |
| **TOTAL** |  |  |  |  |  |  |  |  |  |
| **Target** |  |  |  |  |  |  |  |  |  |
| **Shortfall** |  |  |  |  |  |  |  |  |  |

*\* reduction calculated against previous stage (except TOTAL, which is calculated against Baseline)*

**Pre-implementation (Detailed Design Stage) proposals:**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Residential | | | Non-residential | | | Development Total | | |
| Total regulated emissions  (Tons CO2 / year) | CO2 savings(Tons CO2 / year) | Percentage savings  (%) | Total regulated emissions  (Tons CO2 / year) | CO2 savings  (Tons CO2 / year) | Percentage savings  (%) | Total regulated emissions  (Tons CO2 / year) | CO2 savings  (Tons CO2 / year) | Percentage savings  (%) |
| **Baseline** |  | N/A | N/A |  | N/A | N/A |  | N/A | N/A |
| **Be Lean** |  |  |  |  |  |  |  |  |  |
| **Be Clean** |  |  |  |  |  |  |  |  |  |
| **Be Green** |  |  |  |  |  |  |  |  |  |
| **TOTAL** |  |  |  |  |  |  |  |  |  |
| **Target** |  |  |  |  |  |  |  |  |  |
| **Shortfall** |  |  |  |  |  |  |  |  |  |

*\* reduction calculated against previous stage (except TOTAL, which is calculated against Baseline*

|  |  |  |
| --- | --- | --- |
|  | **Approved Planning Documents: GLA Emissions Reporting Spreadsheet Targets** | **Commentary on post-completion performance against targets** |
| **Carbon reduction targets** | *Refer to above tables* | *Describe if targets have been met and where there is non-compliance, provide justification and/or remedial proposals* |
| **Carbon offsetting contributions** | *Refer to above tables* |  |

I confirm that the information supplied in this Proforma is accurate. I will notify the council should any of the information contained change. The agreed contents of the Energy Efficiency and Sustainability Plan, the GLA Carbon Emissions Reporting Spreadsheet, the information contained in this Proforma and the terms of Section 106 agreement pursuant to the planning permission must be complied with, unless otherwise agreed in writing by the council.

|  |  |
| --- | --- |
| **Signed:** |  |
| **Print full name:** |  |
| **Position:** |  |
| **Date:** |  |

**End of form Part B Post-occupation**