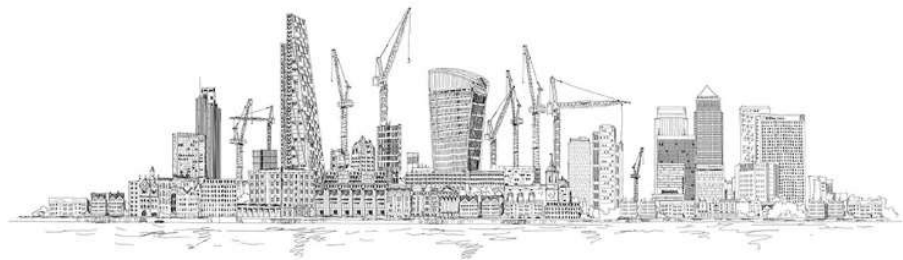


SAP Calculation

19% Reduction

Our Ref: 17577
Project address: Plot 1/2 Grosvenor Road, York
Date: 28/11/2023



Our Ref: 17577

This document should be read in conjunction with the calculations produced by C80 Solutions.

In accordance with York City Council Planning Policy

Planning condition 9:

9 - Details of the reduction in carbon emissions the development hereby approved would achieve when compared against Part L of the Building Regulations (the notional building) shall be submitted to and approved in writing by the Local Planning Authority prior to the commencement of the construction of the buildings and the development shall be carried out in accordance with the approved details.

The details shall demonstrate a reduction in carbon emissions of at least 28% through the provision of renewable or low carbon technologies or through energy efficiency measures and at least a 19% reduction in dwelling emission rate compared to the Target Emission Rate (calculated using Standard Assessment Procedure methodology as per Part L1A of the Building Regulations).

If you refer to the DER worksheet Box number 273 in each report;

Plot 1 calculations:

Dwelling CO2 Emission Rate: 11.28 Kg CO2/year

Target CO2 Emission Rate: 17.86 Kg CO2/year

45.16% Improvement

Plot 2 calculations:

Dwelling CO2 Emission Rate: 11.52 Kg CO2/year

Target CO2 Emission Rate: 16.01 Kg CO2/year

32.61% Improvement

The figures on the proposed assessment show that the proposed building is better than the notional and therefore the calculations comply with the requirement.