Kirklees Climate Change Statement

Climate Change Statement for Planning Applications (Version 2 17.02.2023)

Part 1: Applicant details

Name of applicant:

Mr Khan

Name of agent:

Josh Harling C49 Architecture Ltd, Springrow, Bradford, BD13 4EA

Site Address Description of Development:

78 John William Street, Huddersfield

Proposed development:

Change of use to provide 14 number apartments.

Part 2: Climate Change Mitigation measures

Please respond to the following questions considering the measures set out in the Climate Change Guidance note:

Q1: What measures have been/will be taken to reduce the energy demand associated with your proposed development beyond the minimum required in Building Regulations? (See section 2)

A fabric first approach will be taken to reduce the energy demands of the building as far as possible.

Throughout the building common areas and within apartments low energy lighting (LEDs) will be installed to ensure that energy is used efficiently.

Within each apartment 'smart' energy metering and SMART controls will be installed. If possible, displays will be selected to show the amount and cost of energy consumed to encourage energy efficient use. Energy efficient appliances (fridges etc) are to be selected and installed when fitting out.

A welcome pack' will include information to inform occupiers about using their heating and lighting systems efficiently to benefit from energy saving and lower bills.

Q2: What measures have been/will be taken to limit the carbon consumed through the implementation and construction processes, e.g. by reusing existing on-site materials or sourcing materials locally? (See section 3)

The building is in a central location which will encourage sustainable travel patterns during construction. The bus station is located within a couple minute's walk of the site and the train station closer.

The reuse and repurposing of an existing vacant building with embodied carbon and ensuring the refurbished building is efficient is considered preferable to demolition and rebuilding.

The proposal reuses brownfield (previously developed land) in a central position as opposed to taking green land in a less central location.

Sorting and the segregated management of waste streams during demolition and construction will maximise the recycling of waste material. This approach will maximise the quantity of waste material such as glass, timber, metal and masonry which can be recycled.

Where possible construction materials will be recycled and where new materials are required materials which use lower levels of embodied energy will be considered.

Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Within communal areas low energy lighting will be installed and lighting controls will automatically switch off lighting when not required.

Q4: What measures have been/will be taken to ensure the building design and layout has been optimised to energy efficiency beyond the minimum requirements in Part L of the Building Regulations ? (See section 5)

The level of refurbishment within the building will include adding extra insulation internally to walls and between the floors.

Low-energy lighting circuits will be installed everywhere in the building, and some areas can be automatically switched off when needed, such as corridors and communal areas.'

Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)

None as the building fills the whole site footprint.

Q6: What measures have been/will be taken to reduce water stress associated with your proposed development? (e.g. Water retention and minimisation measures) (See sections 7 and 8)

Baths can consume large amounts of water and are not proposed to be installed as part of the building fit out. Apartments will benefit from energy efficient shower provision.

Each apartment will also be fitted with water efficient installations including water efficient taps, showers with flow reducers and dual flush w/c's with low water consumption. Similar water efficient

equipment will be installed to any common areas of the building where water consuming installations are fitted.

Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)

The building as existing has zero biodiversity and the proposal is an internal refurbishment only.

Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)

Fugitive dust emissions during demolition and construction activities and will be controlled through the use of good practice control measures by the contractor. Careful management of the demolition and construction program through a construction management plan will provide suitable mitigation and reduce any potential impacts to an acceptable level.

During the operational phase the application proposes a reduction in car parking compared with the current capacity of the building assuming it were to be actively used as an office building. The development is positioned close within Huddersfield Town Centre and will maximise opportunities for travel by non-car modes.