BOXX STORAGE, IVY ARCH ROAD, WORTHING

CONDITION 15 / APPLICATION REF: AWDM/0655/21

SUSTAINABILITY MEASURES NOTE – JUNE 2024

1. Planning permission was granted by Worthing BC for the construction of storage building (use class B8), including vehicle parking and associated works on 23 September 2021, ref: AWDM/0655/21. The application site is Boxx Storage self storage centre, Unit 1A, Ivy Church Road, Worthing. The proposals provide for an extension to the Boxx Storage centre, formerly trading as Ready Steady Store.

2. The proposed self storage building is classified as a building with low energy demand, as defined by approved document Part L2A of the Building Regulations (para 3.6c i) as 'buildings or parts of buildings where the space is not generally heated or cooled other than by process heat.'

3. Boxx Storage do not have a requirement to mechanically heat or cool their buildings. Furthermore, there is no requirement to install staff or customer facilities in the new building as it will be operated ancillary to the existing self storage warehouse. The proposed building is therefore inherently energy efficient and the building will have an extremely low carbon footprint and CO2 emissions rate when compared to other buildings of a similar size and type.

4. Notwithstanding the low energy credentials of the self storage facility, the building envelope will be insulated and air-sealed to current building regulation standards. This will future proof the building should heating / cooling become a requirement and prevent frost internally.

5. Construction materials will be sustainably sourced where possible and have low embodied energy rates. A steel frame construction with a built-up cladding envelope has been chosen for its efficiency in terms of construction and waste reduction. The steel frame also provides flexibility for future layout changes and alterations, as well as the ability to de-construct and re-use at other locations.