

# Other matters

## COAL MINING

There will be no ground works associated with this application. Developing the rear of the site does not require such works so therefore a Coal Mining Risk Assessment is not deemed to be required.

## CLIMATE CHANGE

The proposal represents the reuse of an existing building and therefore avoids the significant embodied carbon emissions associated with demolition and new construction. Retaining and repurposing the existing structure minimises material consumption, construction waste, and overall carbon output, aligning with the principles of sustainable development and circular economy practices.

The scale and nature of the proposed use are modest. A micro bar operates with limited capacity and low energy demand compared with many alternative commercial uses. No significant structural alterations or extensions are proposed, and therefore additional resource use is minimal.

Where refurbishment works were required, opportunities were taken to improve the energy efficiency of the building through measures such as upgraded insulation, energy-efficient lighting (LED), and energy-efficient heating; electric heaters are on a thermostat nor in operation when the premises is closed.

The Director of Mapplewell Bottle Shop Ltd has a keen interest in Permaculture principles and practices so has been keen to utilise re-used or sustainable materials where possible (eg using FSC-certified wood) and designing the business around minimal energy use.

Products sold are packaged in recyclable and recycled material (eg cans and bottles). German / Belgian products are delivered and returned in reusable crates (no cardboard!) with bottles returned to the brewery and re-used which is much better than recycling. (We save the empty bottles or customers return them to us and we return via our distributor).

EDF Energy are our chosen provider as they are “the UK's largest generator of zero-carbon electricity, EDF focuses on nuclear power (Hinkley Point C, Sizewell C) and renewable sources like wind and solar” amongst other climate pledges.

BIFFA were chosen given their recycling options suitable for our business and amongst their key Climate Targets are “Commitment to achieving net-zero emissions by 2050” and “A 50% reduction in carbon emissions by 2030”.

Our waste output is low due to a lot of re-use (eg draught beer product into glasses that are washed and re-used and beer barrels are returned to breweries for refilling).

The site was selected as it's located within an established town centre location with good access to public transport, walking routes, and cycling infrastructure. The change of use supports local services and encourages customers to visit on foot or by sustainable modes of transport, reducing reliance on private car journeys and associated transport emissions.

In terms of climate resilience, the proposal does not increase built footprint or impermeable surfaces and therefore will not increase flood risk or surface water runoff. The continued occupation of the building will ensure it remains maintained and fit for purpose, improving its long-term sustainability.

Overall, the proposal supports the efficient reuse of an existing building, reduces embodied and operational carbon compared with new development, promotes sustainable travel patterns, and incorporates energy efficiency improvements. It is therefore considered to positively contribute to climate change mitigation and adaptation objectives in line with local and national planning policy.

## EXTERNAL LIGHTING

There are areas where external lighting shall be utilised: (a) illuminate signage and (b) offer ambient lighting in the rear beer garden.

a) It is intended for LED strip lighting to be installed above the main sign on the front of the building (direct light downwards). The lighting shall be fit for purpose in order to minimise or eliminate glare and stray light and shall be in keeping with surrounding commercial premises. It shall be on a timer to only illuminate between 08:00h and 23:30h.

b) Low-level 'festoon' lighting shall be used in the rear beer garden during the hours of operation namely 10:00h and 20:00h. The Tech Spec for representable lights (eg Plus Connect 5m 10 Warm White Connectable Festoon Lights A60 Bulb from Lights4Fun) indicate 12W power consumption with a lumens rating of 30.65 in 'Warm White' with a colour temperature of 2300K. Staff training will be given to ensure the lights are switched off when the garden is closed.

These will be installed at - or below - the height of the fence of adjoining land to eliminate any light spill. Furthermore, for most of the year when the area is in operation, sunset is after 8pm. The garden will have minimal use when daylight hours are shorter thus the festoons will not be illuminated.

