<u>Appendix A – Climate Change Statement</u>

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/ agent	Peter Carr
Site Address	Bamforths Warehouse, Station Road, Holmfirth, HD91AB
Description of Development	Erection of a micro-brewery with associated brewing facilities, taproom, function room, kitchen, landscaping and associated works.

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)
Enhanced insulation, airtightness and high-performance glazing meet part L requirements. Passive design strategies optimise solar gain, natural ventilation, and daylighting Latest Air Source Heat Pumps for heating and domestic hot water with intelligent controls Photovoltaic Solar Panels for electricity generation with battery storage No fossil fuel generators Mechanical Heat Recovery and Ventilation System 'A' rated white goods throughout with smart controls Energy efficient Lighting
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)
Minimising transport of reclaimed site materials by keeping on site or within the local area, mainly stone. Re-use of vast majority of stone reclaimed from site. GluLam timber used on site makes use of potentially otherwise waste timber and reduces demand for a natural resource Huddersfield Green Building Store used for materials and advice Recyclable construction waste stored seperately.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)
On-site Photovoltaic Solar Panels for electricity generation with battery storage Latest Air Source Heat Pumps for hearing and domestic hot water with intelligent controls
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)
Building layout maximises natural light and ventilation Thermal mass materials regulate indoor temperatures Smart management systems enhance efficiency Use of wood fibre or similar eco-friendly insulation materials Low energy lighting with smart motion sensor control.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)

Flood risk category of site is low Positive surface water management through gullies to sewer Site design places internal area on higher ground
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)
Water efficient appliances. Toilets have low flow 3/6 litre flushing options Infra red signal taps in bathrooms Rainwater harvesting for some of the buildings water needs.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
Native planting to enhance ecology Bird boxes to support local wildlife Planting scheme to rear of development to attract pollinators, birds and other wildlife. Planting scheme also reduces surface water run off and soil erosion
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
Cycle storage All construction maintenance and operating materials will be locally obtained where possible to reduce their Carbon footprint. Employees and customers will be encouraged to walk or cycle to the premises. When traveling from further away they will be encouraged to use the extensive range of public transport available in the area. Electric vehicle charging points to be installed Low emission construction practices, including dust control.