	ange			1/9//2025				Your Name: Jaques van der vyver	
			(MITIGATION OF CLIMATE C						
PROJE	CT/PROPOSAL AFFECT DLLOWING KEY AREAS:	See guidance in assess the degre impacts e.g. Higl	the purple box, below, to help you se of the negative and positive h, Medium or Low	CLIMATE CHANGE RATING: Use drop down list	PROJECT MOVE CAMBRIDG E CITY COUNCIL CLOSER TO THE OBJECTIVE OF BEING	ZERO CARBON CAMBRIDGE BY 2030? Use drop	FOR THE NEGATIVE IMP	THE ACTION THAT WILL BE TAKEN TO AVOID, MITIGATE OR COMPENSATE PACTS AND MAXIMISE POSITIVE IMPACTS?	HAS A NET ZERO CARBON OPTION BEEN CONSIDERED? PLEASE PROVIDE DETAILS.
			Energy use will be reduced or renewable energy will be used		Yes	Yes	Consider: Reducing demand for energy Specifying energy efficiency measures (e.g. insulation, low energy lighting) Generating renewable energy (e.g. heat pumps, solar photovoltaic panels)		Given construction and heritage contraints, fabric improvements are limited and the property will not acheve net zero Building certification without signficant relaince on additional heat network/renewable energy cnnections.
1	ENERGY USE		No extra energy use is involved	Medium Positive					
			More energy (gas and/ or electricity) will be consumed (by CCC or others)						
2	WASTE GENERATION	Positive Impact:	Less waste will be generated OR amount of waste that is reused/ recycled will be increased	Low Positive	Yes	Yes	Consider: Will resources be reduced or reused? Will you use recycled goods? Will recycling facilities be increased?	A hierarchical waste management strategy of "Prevent, Reduce, Reuse, and Recycle" will been employed during the design, construction and operation of the development. During the design phase, this means striving for material efficiency and eliminating excessive material usage through minimising new construction and where possible re-using materials on-site	
		Nil Impact:	No waste will be generated						
		negative impact.	More waste will be generated (by CCC or others)					Construction Waste The management, disposal and recycling of waste generated during the construction phase will be managed by the Contractor who will put in place a Site Waste Management Plan. The contractor will be required to meet the following requirements: - The Contractor will be required to set waste targets (diversion and absolute generation) and to report their waste - At least 95% of non-hazardous waste should be diverted from landfill Operational Waste In order to utilise Parsons Court as an external amenity, existing bins are to be relocated behind Parsons Court and within the Corn Exchange. This will provide direct access from the back of house to the bins and aim to eliminate the antisocial behaviour associated with the space at night. Waste streams will continue to be separated, isolating recyclable waste from general waste.	
3	USE OF TRANSPORT	Nil Impact:	The use of transport and/or of fossil fuel- based transport will be reduced No extra transport will be necessary CCC or others will need to travel more OR transport goods more often/ further	Low Positive	Yes	Yes	Consider: - Will you purchase an electric vehicle? - Will you specifiy the use of public transport? - How will you reduce the need to travel or transport goods?	Enacting of TROS No change to current cycling infrastructure During busy shows, many users are required to queue up outside the Corn Exchange as people filter to their seats. Improving the safety of these users along Corn Exchange Street and Wheeler Street has been improved through the design by: - Improving the internal flow and direction of users through the box office, foyer and bar area - Restricting access to the end of Corn Exchange Street and Wheeler Street at certain times to minimise traffic outside the Corn Exchange and increase accessibility and safety to users	

HOW WIL	L THIS	WHAT IS THE IN	Food will be locally grown and/ or meat- free No change in supply of food Food will travel long distances and include meat ATION) TO THE EFFECTS OF IPACT CONSIDERED TO BE?	NII CLIMATE CHAN CLIMATE CHANGE	WILL THE	Yes WILL THE	Use of locally grown/ produced food Reducing use of imported food Reducing use of meat PLEASE DETAIL HERE TO	For internal catering council guidance already advises sustainable supply. for commercial premises this aspects will rely on letting and any specific clauses placed on the lease. HE ACTION THAT WILL BE TAKEN TO AVOID, MITIGATE OR COMPENSATE	HAS A NET ZERO CARBON OPTION BEEN
	TPROPOSAL AFFECT LOWING KEY AREAS	See guidance in the purple box, below, to help you assess the degree of the negative and positive impacts e.g. High, Medium or Low		Use drop down list	HELP HI CAMBRIDG CA E CITY TO COUNCIL RI	PROJECT HELP CAMBRIDGE TO BE MORE RESILIENT TO THE IMPACTS	FOR THE NEGATIVE IMPACTS AND MAXIMISE POSITIVE IMPACTS? CONSIDERED? PLEASE PROVIDE DETAILS.		
		Positive Impact:	Increased/ improved shade & natural ventilation	Low Positive	Yes	Yes	measures such as Brise Soleil to reduce heat gain and plant hydration methods.	The refurbishment of the Corn Exchange aims to improve the current environmental conditions whilst reducing the energy intensity of the building	
5	HEATWAVES	Nil Impact:	No impact on existing levels of shade & ventilation					and enable usage into the future. The addition of cooling will reduce the internal temperatures and humidity during performances, creating a more comfortable environment for users and performers.	
		Negative Impact:	Lack of or reduced shade (e.g. from trees or buildings) & natural ventilation						
	WATER AVAILABILITY	Positive Impact:	Provision made for an enhancement of water efficiency measures to minimise the impact on water resource availability	<u>/</u>	Yes	Yes	Consider: Managing water use efficiently, installing measures to use less water such as low water use taps, planting drought resistant plants and using rainwater for irrigation.	The following measures have been integrated into the design of the Corn Exchange and Parsons Court to reduce potable water consumption: - Fit water efficiency fittings in line with BREEAM Wat01 5/5 credits to reduce water consumption (if thought not technically achievable, 4 Wat 01 credits) - Options for recycling water have been explored although space limitations prohibit the integration of large rainwater harvesting tanks. The use of condensate recycling has been proposed for use for a proportion of the toilet flushing demand. Further investigation into condensation tank location and proximity to the FCU are to be investigated further to understand its viability.	
		Nil Impact:	Levels of water use will not be changed						
6		Negative Impact:	Water use will increase and/or no provision made for water management = Negative Impact						
	FLOODING	Positive Impact:	Sustainable drainage measures incorporated, positive steps to reduce & manage flood risk	Low Positive	No	No	measures to reduce the speed and increase the absorption of rainwater e.g. green roofs, SuDS, permeable paving etc. and alternative arrangements (business continuity)	The site is within Flood Zone 1. The risk of surface water flooding will be assessed further as part of the planning application. Plans include relaying the Market drainage system which includes fish and fat drains to ensure the quality of water run-off is improved The existing above and below ground drainage systems for the Guildhall would not have been designed for current rainfall parameters and anticipated increases in rainfall intensity due to climate change. Following completion of the drainage surveys, hydraulic modelling will be undertaken to understand performance of the existing networks under these conditions.	
7		Nil Impact:	Levels of surface water run-off & flood risk are not affected						
		Negative Impact:	Levels of surface water run-off will increase, no management of flood risk						
	HIGH WINDS / STORMS	Positive Impact:	Exposure to higher wind speeds is being actively managed & reduced	Low Positive	Yes	No	ensure robust structures resilient to high winds	Corn Exchange - Roof replacment will address current issues with leaks	
8		Nil Impact:	No change to existing level of exposure to higher wind speeds						
		Negative Impact:	Exposure to higher wind speeds is increased or is not managed = Negative Impact						
	FOOD SECURITY	Positive Impact:	Opportunities & resources for local food production are increased/ enhanced	Nil	No	No	meat-free catering to reduce	This will depend on the commercialisation aspect and extended facilities at the Corn Exchange and Parsons Court and what concessions are within the buildings once refurbished.	
9		Nil Impact:	No change to opportunities & resources for local food production						
		Negative Impact:	Opportunities & resources for local food production are reduced						

			Positive Impact:	Biodiversity will be protected/ enhanced Level of biodiversity will not change				required and seek enhancement in projects of all types and scale	The project is seeking Net Gain in Biodiversity of 20% across the Civic Quarter. The current landscape plan aims to address this through an increase in planting and landscaped area throughout Peas Hill and the west side of the market square. Trees that support native wildlife will be planted throughout the civic quarter	
	10			Biodiversity will not decrease	Low Positive	Yes	Yes		including across the front of the guildhall, the east side of the market square, at the junction between Guildhall street and Wheeler street, as well as integrated into the planting on Peas Hill and the west side of the market square.	
_	Weighing up the negative and positive impacts of									

Weighing up the negative and positive impacts of your project, what is the overall rating you are assigning to your project?:

Low Positive

This overall rating is what you need to include in your report/ budget proposal, together with your explanation to be included in the red box below

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Guidance on Assessing the Degree of Negative and Positive Impacts: Note: Not all of the considerations/ criteria listed below will necessarily be relevant to your project							
Low Impact (L)	* No publicity						
	* Relevant risks to the Council or community are Low or none						
	* No impact on service or corporate performance						
	* No capital assets; or capital assets with lifetime of less than 3 years						
Medium Impact (M)	* Local publicity (good or bad)						
	* Relevant risks to the Council or community are Medium						
	* Affects delivery of corporate commitments						
	* Affects service performance (e.g.: energy use; amount of waste; distance travelled) by more than 10%						
	* Capital assets with a lifetime of more than 3 years						
High Impact (H)	* National publicity (good or bad)						
	* Relevant risks to the Council or community are Significant or High						
	* Affects delivery of regulatory commitments						
	* Affects corporate performance by more than 10%						
	* Capital assets with a lifetime of more than 6 years						

In the box below please summarise the projects impacts (the reasons for the ratings given in column E above) to explain how the overall rating for the project/ proposal has been derived (Cell E37). Please also highlight any negative impacts your project may have and how you plan to avoid, mitigate or compensate for these (as you will have detailed in column I above).

The Corn exchange faces signficate heritage constraints to fabric improvements, as well as a requirement as a venue to make use of equipment posing large energy demands. Focus on the project has been introduction of energy efficiency measures, water use reduction and improved waste handing to evidence a positive improvement in building operation.

As part of national planning policy, the Corn Exchange must achieve a Biodiversity Net Gain (BNG) of 10%. A BNG assessment of the Corn Exchange and Parsons Court is being undertaken by MKA Ecology and will provide recommendations on how to meet 10% BNG.