

### Appendix 3: Climate Change Checklist for Householder Developments where over 20 square metres of additional floorspace is proposed (external area measurement)

Principle	Relevant Core Strategy Policies	Objective	Expected Measures	Has this been considered in the planning application submission? (Yes/No/Not Applicable)	If Yes please signpost to relevant information within planning application submission (e.g. Layout Plans, Planning Statement with paragraph/page/ plan reference) If No or Not Applicable (N/A) please state justification for this	
<b>Increasing accessibility - Reducing the need to travel by private car</b>	CS.2 (Climate Change and Sustainable Construction)	V.3.1 Density and Mixed Uses	Design to allow for future adaptation of buildings / extensions including technological adaptation			
			Other:			
	CS.9 (Design and Distinctiveness)	AS.1-9 (Area Strategies)	V.3.2 Permeability / Walkability	Provision of habitable rooms facing the street at ground floor level with appropriate windows and doors to provide activity and allow for natural surveillance		
				Other:		
	AS.10 (Countryside & Villages)	CS.19 (Housing Mix and Type)	V.3.3 Integrated Active Travel	Not applicable		
				Other:		
	CS.25 (Healthy Communities)	V.3.4 Cycling	V.3.4 Cycling	Cycle parking / storage		
				Other:		
	CS.26 (Transport & Communications)	V.3.5 Planning for the car	V.3.5 Planning for the car	Use of electric vehicle/cycle charging points		
				Other:		

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<b>Improving energy efficiency</b>	CS.2 (Climate Change and Sustainable Construction)  CS.3 (Sustainable Energy)  CS.7 (Green Infrastructure)  CS.9 (Design and Distinctiveness)	V.4.1 Reducing the need for energy	Window positioning		
			Use of planting to provide shade in summer		
			Natural ventilation and easy to regulate ventilation (air tight when needed)		
			Private outdoor space for food growing		
			Other:		
	CS.19 (Housing Mix and Type)  AS.1-9 (Area Strategies)  AS.10 (Countryside and Villages)	V.4.2 Using energy more efficiently	Using a higher level of insulation than required by Building Regulations		
			Solar/low energy internal and external lighting (e.g. LED lightbulbs)		
			Other:		
	CS.25 (Healthy Communities)	V.4.3 Using renewable energy	Renewable energy sources such as solar panels or heat pumps		This measure will be strongly supported and is encouraged.
	Other:				

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		V.4.4 Any fossil fuel use to be clean and efficient	Combined Heat & Power (CHP) Other:		
<b>Adapting to higher temperatures</b>	CS.2 (Climate Change and Sustainable Construction)	V.5.1 Shade and Ventilation – The Cooling Hierarchy	Glazing designed for natural ventilation and reducing heat gain Other:		
	CS.6 (Natural Environment)	V.5.2 Use of Cool Materials	Exterior materials that minimise heat gain in summer Other:		
	CS.7 (Green Infrastructure)	V.5.3 Greenspace Infrastructure	Relationship between landscaping and building to maximise natural ventilation Planting and water features in private outdoor space – e.g. trees, hedges, ponds, green/brown/blue roofs, vertical climbers and landscaping Other:		
	CS.9 (Design and Distinctiveness)				
	AS.1-9 (Area Strategies)				
	AS.10 (Countryside and Villages)				
	CS.25 (Healthy Communities)				

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<b>Mitigating flood risk</b>	CS.2 (Climate Change and Sustainable Construction)	V.6.1 Sustainable Urban Drainage Systems (SUDS)	SUDs such as raingardens		
			Other:		
	CS.4 (Water Environment & Flood Risk)	V.6.2 Water Efficiency and Rainwater harvesting	Rainwater collection such as water butts		
			Other:		
	CS.6 (Natural Environment)	V.6.3 Flood Risk Design Principles for New Development	Use of permeable surfaces for hard surfacing and car parking areas		
	CS.7 (Green Infrastructure)		Planting e.g. green/brown roofs, walls and green verges, blue roofs		
	CS.9 (Design and Distinctiveness)		Other:		
AS.1-9 (Area Strategies)					
AS.10 (Countryside & Villages)					
CS.25 (Healthy Communities)					

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<b>Mitigating biodiversity loss</b>	CS.2 (Climate Change and Sustainable Construction)	V.7.1 Bio-enhancing existing green space	Using different varieties of native species for landscaping		
			Other:		
	CS.6 (Natural Environment)	V.7.2 Background wildlife capacity	Green/brown roofs and wall climbers		
	CS.7 (Green Infrastructure)		At least one of the following: bird/bat boxes/ amphibian kerbs/ hibernacula/ hedgehog holes/ hedgehog homes/garden ponds.		
	CS.9 (Design and Distinctiveness)		Other:		
	AS.1-9 (Area Strategies)		V.7.3 Local wildlife nodes and blue / green corridors	Green/brown/blue roofs or walls	
	AS.10 (Countryside & Villages)		Private outdoor space		
	CS.25 (Healthy Communities)		Other:		