

**Appendix 1: Climate Change Checklist for new build dwellings and new build non-residential developments where over 20 square metres of additional floorspace is proposed (external area measurement)**

NB: Highlighted measure MUST be provided for all new build developments

Principle	Relevant Core Strategy Policies	Objective	Measures expected based on type and scale of new build minor and major development	Has this been addressed in the planning application submission? (Yes/No/Not Applicable)	If Yes please signpost to relevant information within planning application submission (e.g. Design and Access Statement, 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)  CS.9 (Design and Distinctiveness)  CS.22 (Economic Development)	V.3.1 Density and Mixed Uses	Higher densities and mixed uses in sustainable locations and at key transport nodes			
			Design standards to allow for future building adaptation including technological adaptation			
			Horizontal and vertical mix of uses within blocks where appropriate			
			Other- please state			
	AS.1-9 (Area Strategies)  AS.10 (Countryside and Villages)  AS.11 (Large Rural Brownfield Sites)  CS.19 (Housing Mix and Type)  CS.25 (Healthy Communities)  CS.26 (Transport and Communications)	V.3.2 Permeability/ Walkability	Active frontages/edges with opportunities for natural surveillance			
			Use of sensory features and opportunities to stand and stay, places to sit and stand utilising views and sun			
			Pedestrian friendly – no obstacles, good surface, access for all, crossings, good sightlines, appropriate lighting, interesting facades			
			Signposting to local facilities			
			Appropriate block sizes to location			
			Local facilities accessible through walking/cycling (within 800m of new developments)			
			Maximising the number of internal pedestrian routes through the site			
			Maximising the number of pedestrian external routes in and out of the site linking to the wider area			
			Other- please state			
			V.3.3 Integrated Active Travel	Easy access to a range of transport modes		
				Signposting of active travel routes and facilities		
				Easy transition from cycling and walking to public transport		
	Education/promotion campaigns to residents					
	Well lit travel facilities and appropriate crossings for pedestrians and cyclists					
	Other- please state					

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		V.3.4 Cycling	Covered and well-located cycle storage facilities		
			Cycle routes linking to wider area		
			Shower facilities provided in non-residential developments		
			Off-road cycle routes		
			Short cuts for cyclists		
			Cyclist priority at junctions		
			Clearly marked or segregated cycle lanes		
			Other- please state		
		V.3.5 Planning for the car	Car-free, limited and timed zones at certain times and/or locations		
			Use of electric vehicle/cycle charging points	REQUIRED	
			Co-ordinated traffic calming approaches		
Other- please state:					
<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)  CS.19 (Housing Mix and Type)	V.4.1 Reducing the need for energy	Plot and block orientation to maximise solar gain		
			Window positioning to maximise solar gain		
			Use of vegetation for shade in summer		
			Natural ventilation and easy to regulate ventilation (air tight when needed)		
			Private outdoor space for food growing		
			Community Food Growing opportunities (such as allotments, orchards and 'Edible Planting')		
	Other- please state:				
	AS.1-9 (Area Strategies)  AS.10 (Countryside and Villages)  AS.11 (Large Rural Brownfield Sites)	V.4.2 Using energy more efficiently	Solar/low energy internal and external lighting (e.g. LED lightbulbs)		
			Using a higher level of insulation than required by Building Regulations		
			Other- please state:		

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	CS.25 (Healthy Communities)	V.4.3 Using renewable energy	Composting and Community composting		This measure will be strongly supported and is encouraged.
Renewable energy sources					
Other- please state:					
V.4.4 Any fossil fuel use to be clean and efficient		Combined Heat & Power (CHP)			
			Other- please state:		
<b>Adapting to higher temperatures</b>	CS.2 (Climate Change and Sustainable Construction)	V.5.1 Shade and Ventilation – The Cooling Hierarchy	Adherence to the Cooling Hierarchy with either option 1 (passive design) or option 2 (passive/natural cooling) utilised within the proposal		
			Other- please state:		
	CS.6 (Natural Environment)	V.5.2 Use of Cool Materials	Use of roof and paving materials that minimise heat gain in summer		
			Other- please state:		
	CS.7 (Green Infrastructure)	V.5.3 Green Infrastructure	Trees and landscaping in parking areas and open space areas to provide shade		
			Relationship between vegetation and building to maximise natural ventilation		
	CS.9 (Design and Distinctiveness)	AS.1-9 (Area Strategies)	Green & blue infrastructure in private outdoor space – e.g. trees, hedges, water, green/brown/blue roofs, vertical climbers and landscaping		
			Other- please state:		
	AS.10 (Countryside and Villages)	AS.11 (Large Rural Brownfield Sites)			
CS.25 (Healthy Communities)					
<b>Mitigating flood risk</b>	CS.2 (Climate Change and Sustainable Construction)	V.6.1 Sustainable Urban Drainage Systems (SUDS)	SUDs such as raingardens, swales, natural water courses, communal soakaways, filter strips		
			Other- please state:		
	CS.4 (Water Environment and Flood Risk)	V.6.2 Water Efficiency and Rainwater harvesting	Co-ordinated greywater recycling and reuse systems in apartments and mixed uses		
			Private, and communal where appropriate, rainwater collection and reuse points / water butts		
CS.6 (Natural Environment)		Other- please state:			

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	CS.7 (Green Infrastructure) CS.9 (Design and Distinctiveness) AS.1-9 (Area Strategies) AS.10 (Countryside and Villages) AS.11 (Large Rural Brownfield Sites) CS.25 (Healthy Communities)	V.6.3 Flood Risk Design Principles for New Development	Use of permeable surfaces for roads, car parking areas, hard surfacing and pavements Natural vegetation e.g. green/brown roofs, communal basins and ponds, blue roofs, green spaces within blocks, green verges Using the highest level of climate change allowance for the time period covering the lifetime of the development Other- please state:		
<b>Mitigating biodiversity loss</b>	CS.2 (Climate Change and Sustainable Construction) CS.6 (Natural Environment) CS.7 (Green Infrastructure) CS.9 (Design and Distinctiveness) AS.1-9 (Area Strategies) AS.10 (Countryside and Villages) AS.11 (Large Rural Brownfield Sites) CS.25 (Healthy Communities)	V.7.1 Bio-enhancing existing green space V.7.2 Background wildlife capacity V.7.3 Local wildlife nodes and blue / green corridors	Using different varieties of native species for landscaping Other- please state: Trees incorporated into primary street frontages Restore old hedgerows or plant new hedges and other new planting Green/brown roofs and wall climbers At least one of the following: bird/bat boxes/ amphibian kerbs/ hibernacula/hedgehog holes/ hedgehog homes/garden ponds. Other- please state: Green/brown/blue roofs/walls Private outdoor space Green/blue buffers Wildlife nodes at junctions & street corners Pocket parks Other- please state:		