

Comments made by Katie Parnell OCC, 29th July 2021	Merton College Response, May 2022¹
<p>Electric vehicle charging allocation should be provided in line with Oxfordshire Electric Vehicle Infrastructure Strategy (OEVIS):</p> <ul style="list-style-type: none"> • All residential properties with a drive: min 1 charge point; • Unallocated residential and non-residential parking: min 25% of spaces; • Smart chargers to be used, minimum 7kWh AC; • Fast charging points recommended for most applications, with rapid only appropriate in some specific situations (e.g. some higher density housing, and workplaces using commercial vehicles) 	<p>Acceptable in principle, details of plot specific provision to be controlled through the reserved matters process.</p>
<p>Community Hub – will need to ensure good levels of digital connectivity to be effective: OCC requires full fibre as standard in new development, and 5G connectivity should be designed for inclusion as follows:</p> <ul style="list-style-type: none"> • Provision of suitable accessible assets, e.g. streetlighting for mounting and electricity; • Provision of suitable space to avoid cabinets on pavements causing obstruction. 	<p>Acceptable in principle, details of plot specific provision to be controlled through the reserved matters process.</p>
<p>The community should also be engaged to ensure the design of the hub will be effective to likely needs of future residents.</p>	<p>Agreed in principle, and Merton College is already engaging with Yarnton and Begbroke Parish Councils regarding design principles, stewardship and legacy.</p>
<p>We would be keen to see some provision for monitoring of changing requirements over time, e.g. inclusion of sensors that can distinguish different modes of transport, and for which data would be integrated into OCC traffic management systems.</p>	<p>We request further details of this technology to be provided please. We can then agree any suitable mechanism to be incorporated into outline or reserved matters approvals.</p>

¹ Representatives of Merton College also discussed the issues with officers of Oxfordshire County Council (Katie Parnell/ Lynette Hughes) and Cherwell District Council (Samantha Taylor) on 9th May 2022.

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<p>We recommend futureproofing measures be taken for the mainstreaming of other innovations and/or to support integration of other innovation into the site as follows:</p> <ul style="list-style-type: none"> • High definition digital mapping of the site and assets (to support future connected and autonomous vehicle (CAV) use, use of digital twinning, management of micromobility schemes, Mobility as a Service delivery, drone usage, and use of virtual and augmented reality); 	<p>We request further details to be provided please. We can then agree any suitable mechanism to be incorporated into outline or reserved matters approvals.</p>
<ul style="list-style-type: none"> • Consideration of parking provision with future use requirements in mind (e.g. location/design to allow non-allocated parking to be easily subsumed into green space, as private ownership declines; consideration of future use of on-street parking as CAV idling locations, and providing charging infrastructure/ electricity capacity as needed); 	<p>Acceptable in principle, details of plot specific provision to be controlled through the reserved matters process.</p>
<ul style="list-style-type: none"> • Provision of on-site renewable energy generation and smart energy infrastructure (e.g. to facilitate peer-to-peer trading) - We understand that the development brief for PR9, which is due to be released for public consultation in the near future, will include an expectation for the development to be designed to minimise carbon emissions and promote decentralised and renewable or lower carbon energy. 	<p>The adopted Development Brief states (Para 6.1):</p> <p>“the development is to comply with and, where possible, exceed the local and national standards for sustainable development. This includes mitigating and adapting to climate change, increasing local resource efficiency, minimising decentralised and renewable or low carbon energy and ensuring that the risk of flooding is not increased”.</p> <p>The College is committed to these broad principles. It is expected that the details will be controlled through conditions attached to the outline approval and reserved matters applications.</p>