

Table 4.1: Scoping Schedule

<b>SPECIFIED TOPIC AREA</b>	<b>POTENTIAL EFFECTS</b>	<b>BASELINE STUDY REQUIRED</b>
Socio-Economic Considerations	Cumulative impact of the proposals upon all human-related aspects of the development	<p>Assess the changes to the socio-economic dynamic of the area arising from the proposed development against the baseline situation.</p> <p>Assessment undertaken by Signet Planning Limited and reported at Chapter 7 of this volume of the ES.</p>
Landscape and Visual Impact	Potential impact of the development upon the site and its surroundings	<p>Consideration of the design of the proposals and other likely visual impact upon the surrounding area.</p> <p>Landscape and visual impact assessment undertaken in accordance with guidelines for landscape and visual impact assessment produced by the Landscape Institute.</p> <p>Assessment undertaken by Smeeden Foreman at Chapter 8 of this volume of the ES.</p>
Flood Risk and Hydrology	Changes in hydrological and run-off regimes as a result of the development, and potential impacts upon the proposals	<p>Desk-top analysis of the hydrological regime of the site and surrounding area in accordance with the NPPF.</p> <p>The assessment and drainage design concepts to be carried out by Aecom and Hall Infrastructure Design and reported at Chapter 9 of the ES, with the associated Flood Risk Assessment and Drainage Statement included in Volume 2 of the ES.</p>
Transport	Changes to the characteristics and volumes of local traffic, congestion, severance, safety and the opportunities for movement by more sustainable modes	<p>Assessment of the characteristics and volumes of local traffic; the opportunities for and constraints on movement; the extent of use of non-motorised modes (walking and cycling), and the availability of direct and safe routes for those.</p> <p>Assessment undertaken by Northern Transport Planning and reported at Chapter 10 of this volume of the ES, with the associated Transport Assessment, Travel Plan and Event Management Plan included in</p>

		Volume 2 of the ES.
Historic Environment	Potential for development to impact upon the archaeological and historic environment	Assessment undertaken by Pre-Construct Archaeology and reported in Chapter 11 of this volume of the ES, with the associated Desk-Based Assessment, Geophysical Survey, Heritage Impact Assessment (Settings) and Archaeological Evaluation included in Volume 2 of the ES.
Ecology	Change in the existence, variety or extent of habitats of nature conservation value and of plant and animal	Ecological data search desk study and field studies undertaken by Delta Simons and reported in Chapter 12 of this volume of the ES, with the associated Extended Phase 1 Habitat Survey, Badger Survey and Bat Roost Potential Survey included in Volume 2 of the ES.
Noise	Potential of the proposed development to impact upon its surroundings and potential for existing infrastructure to impact on the proposed development.	Assessment and field studies undertaken in accordance with the NPPF by Environmental Noise Solutions at Chapter 13 of this volume of the ES, with the associated Noise Impact Assessment included in Volume 2 of the ES.
Air Quality	Potential for existing infrastructure within or adjacent to the site that may impact upon the proposed development, its future users and significant environmental features	Desk-based assessments and field studies in accordance with the NPPF, to identify potential impacts undertaken by ADAS at Chapter 14 of this volume of the ES, with Air Quality Assessment included in Volume 2 of the ES.
Lighting	Potential for the lighting associated with the proposed development to impact upon its surroundings	Desk-based assessment to identify potential impacts undertaken by Abacus Lighting at Chapter 15 of this volume of the ES.
Ground Conditions and Contamination	Potential for sub-surface ground features within the site that may impact upon the proposed development, its future users and significant environmental features	Desk-based assessment in accordance with NPPF to identify any potential impacts. Assessment undertaken by Delta Simons at Chapter 16 of this volume of the ES, with associated Phase 1 Desk-Study Report, Site Investigation Report and Agricultural Land Classification Report (produced by ADAS) included in Volume 2 of the ES.