

Table 16.3: Schedule of Mitigation

Embedded mitigation

1. Strategy for non-vehicular modes of transport to provide links to public transport, green infrastructure network and between residential areas and the Village Centre, schools and community facilities.
2. Delivery of a section of the High Quality Public Transport route through the Site to link the A428 corridor to Cambridge and St Neots which will connect to the secondary public transport network.
3. Development Open Spaces comprising pockets parks and ecological corridors within the residential areas, including areas of 'edible grow space'.
4. Structural Open Space in addition to the retained existing vegetation and existing woodland to the south east corner which sets the interface within and separates the development from the existing adjacent settlements and infrastructure. Public open space and play areas will be predominantly outside the green infrastructure areas created for sensitive wildlife.
5. To the south of the Site, an openly accessible semi natural green space or meadow includes attenuation features as part of the site's drainage and ecology strategy, forming a Country Park and include allotments and community orchards for use by the new resident population.
6. 'Green Fingers' softening the eastern, southern and western boundaries and connecting the Proposed Scheme to the surrounding landscape.
7. Deliver a habitat mosaic of high ecological value which will achieve Biodiversity Net Gain.

8. Provision of green infrastructure areas located to protect the most ecologically important parts of the Site from development, including the Bucket Hill Plantation woodland and CWS.
9. Minimum 25m-45m habitat buffer (green infrastructure) around the Site boundary, woodlands and statutory and non-statutory designated sites within or adjacent to the Site.
10. Retention of woodland habitat corridors and additional buffer/infill planting to protect and enhance the connectivity of corridors (for wildlife and particularly for bat foraging, commuting and roosting).
11. Retention and enhancement of existing water bodies with strategic open space corridors and creation of additional waterbodies for drainage purposes and to provide habitat to benefit species including water vole, amphibians including great crested newt, reptiles and birds.
12. Landscaping strategy to include retention of woodland and tree belts as a basis for landscape structure and to integrate development; retention and enhancement of two north-south water courses; planted earthforms along the northern Site boundary with a linear open space to achieve noise and visual attenuation and reinforce the east-west viewshed; woodland planting against the eastern boundary to enhance the parkland/wooded character and separation from Highfields Caldecote; linear park along the line of the north-south runway with a character gradation from urban to rural to respect past history; and east-west tree belts and linear avenues to ameliorate microclimate and provide visual baffles.
13. An acoustic barrier will be formed along the boundary of the site shared with the existing employment land. Additional planting along this boundary will also be provided to “soften” the proposed barrier and limit any potential visual intrusion.

14. Residential development areas closest to the industrial areas will be “set back” to increase separation to the industrial boundary.
15. Use of a range of renewable and low carbon technologies to deliver a minimum of a 10% reduction in carbon emissions.
16. New sustainable, energy efficient, low carbon homes and buildings delivered through a fabric first approach to design and construction.
17. 90% diversion from landfill target during construction.
18. Employment of security staff and the use of CCTV cameras during construction.
19. Village centre, rural hubs and employment area accommodating new jobs.
20. Supporting services and facilities including space for provision of a health facility and provision of two 3FE primary schools (with the potential for one to be expanded to a 4FE) and one 6FE secondary school.
21. No construction activity to be undertaken within 50m of Caldecote Meadows SSSI and 25m of the Bucket Hill Plantation Grassland CWS boundary
22. Appropriate provision for capturing increased run off and diverting away from ecologically designated sites.

Other committed mitigation

23. Lighting to conform to HSE requirements and designed carefully on site during construction to avoid light spill on areas known to be used by roosting bats. If it is considered necessary to illuminate a building known to be used by roosting bats, the lights will be positioned to avoid the sensitive areas under consultation with the bat licence holder.

24. Guidance outlined in Bats and Lighting in the UK (BCT, 2007) will be followed.
25. Adherence to relevant legislation to avoid impact on foundations from changing temperatures.
26. Roads and access will be designed and constructed in accordance with best practice utilising construction methods that mitigate the impacts of changing temperatures and rainfall which may impact on ground conditions and material structure.
27. Existing materials from the demolition works and breaking up of hardstanding associated with the existing runways will be reused on site.
28. Internal haul roads will be constructed to minimise construction traffic on existing roads and will look to reuse the existing runway network where possible.
29. Wheel-washing facilities will be provided at all entrances of the site to reduce the transference of mud/dust onto highways and on each parcel to prevent mud coming into the infrastructure roads.
30. Construction traffic will be managed to minimise peak-hour congestion where possible and a clear road signage strategy will be provided to minimise the impact on the existing surrounding community.
31. Existing ditches and watercourses will be maintained and safeguarded during the construction phases.
32. Construction works will be avoided within proximity of waterbodies. The principal contractor will manage surface water runoff from construction works and if groundwater were encountered to ensure no environmental impact occurs.

33. Construction working hours to be: 08:00-18:00 Monday to Friday; 08:00-13:00 Saturday; and no activities on Sundays, public or bank holidays unless agreed in advance with SCDC.
34. Temporary secure fencing, barriers or hoardings around the perimeter of the Site will be established at the outset of construction.
35. Access to the existing adjoining Public Rights of Way will not be impacted by the construction activities.
36. Explosives safety and awareness briefings / site safety guidelines and Explosive Safety Consultancy on call during excavations.
37. European Protected Species licence to be obtained prior to removal of building B13.
38. Hoardings to be used where necessary to screen short term visual effects.
39. Good practice noise and vibrations measures to be implemented during construction.
40. Operating hours of any licenced premises statutory controlled through The Licencing Act 2003.
41. Good practice measures to minimise dust emissions during earthworks, construction and trackout and emissions from traffic and plant.
42. Emergency Spillage Response Plan to document measures to prevent pollutants infiltrating into soils and water during construction.
43. Compliance with Part L of Building Regulations.

Further mitigation measures

44. Surface Water Management Strategy and detailed Drainage Strategy to be designed in accordance with the requirements of the NPPF and relevant national policy guidance, including a suite of SuDS based measures. This will consider an evolving climate through the capacity of storage for water within the Site.
45. Detailed Lighting Strategy subject to further ecological assessment as needed. The lighting on site would closely follow the Institute of Lighting Professionals Guidance Notes on the Reduction of Obtrusive Light and the Bat Conservation Trust's Interim Guidance: Recommendations to help minimise the impact of artificial lighting.
46. Waste Strategy aiming to incorporate sufficient internal waste storage containers to promote the separation of recycling and compostable materials at source and sufficient areas externally.
47. Strategies to mitigate the impact of development on archaeological assets to be subject to discussions with the LPA's Advisers (CCHET) which have commenced. Publications and excavation 'round ups' will be held. Mitigation through landscape management will also be undertaken.
48. Intrusive magnetometer survey ahead of piling / boreholes if/where practical.
49. Ecological Mitigation and Management Plan to be prepared at the detailed design stage to provide further details of how important habitats and species populations would be mitigated, managed, maintained and monitored (see Chapter for further details).
50. Landscape Strategy to be developed in greater detail as part of a Reserved Matters application.
51. A Heritage and Public Art Mitigation Strategy to be prepared and submitted prior to the commencement of the Proposed Development and include

measures to preserve and commemorate the Site's Second World War heritage and compensate for physical loss of the runways.

52. Public Transport Strategy; Cycle and Pedestrian Strategy and Travel Plans.

53. Detailed design to include noise measures such as the use of standard thermal double glazing and measures to minimise overheating risks so windows do not need to be opened. Ventilation Strategy to be controlled through appropriate planning conditions.

54. Control of noise emissions from building services plant and machinery through suitable siting of plant and implementation of standard noise control techniques enforced through an appropriate planning condition.

55. Specification of appropriate separating constructions and external building fabric elements. Submission of a sound insulation scheme.

56. Energy Strategy to be confirmed at the detailed design stage.

57. Implementation of sustainable procurement policy, environmental policy, climate change policy, waste policy.

58. Assessment of emissions associated with processing key construction materials within each Reserved Matters application.