

Category / Activity	Hazard	Risk	Mitigation Action	Location of mitigation information
<b>LANDSCAPE CONSTRUCTION &amp; MAINTENANCE</b>				
Excavation/ Demolition/ Digging/ Groundworks	Hidden services on site not shown on drawings.	Personal injury, damage to machinery or tools	Commission site survey. As built drawings with locations of sub-surface services. To be included in O&M manual Site induction and marking out location of any live services. Contractor to review all relevant site wide documentation and coordinate with client, as well as carrying out a visual inspection. Any issues to be reported prior to commencement of works.	Site-wide
Excavation/ Demolition/ Digging/ Groundworks	Contaminated ground/ subsoil during construction or digging during landscape maintenance works	Health risks associated with contaminated ground through ingestion or inhalation.	Refer to geotechnical report and contractor should determine safe methods of working in the event on encountering contaminated ground. Install suitable membrane to warn about underlying possible health hazards. Any issues to be reported prior to commencement of works.	Soft landscape areas (where contamination might occur). O&M documentation held by the client. Health and Safety File
Working at heights and on raised edges	Falling from height, falling items.	People and items falling. At height tree works. Risk of tree branches etc. falling onto surrounds and persons.	Provide appropriate screening and barriers and ensure PPE is worn. Only suitably qualified operatives to use working at height/climbing equipment. Contractor to provide method statement	Site-wide
Soft Landscape maintenance works - weed and pest control	Using herbicides and pesticides	Poisoning, eye irritation, skin burns, spray drift onto passing public and adjacent habitats, which could harm wildlife.	Contractor to determine safe methods of working and provide staff with appropriate PPE. Only suitably trained personnel to use herbicides. Check weather forecast and don't spray on windy days. Chemical treatment not to be used in close proximity of water. Obtain holder certificate for pesticide spray.	Areas to be planted and grassed
Soft Landscape maintenance works - handling spikey / poisonous plants	Cuts/scratches through pruning of spikey vegetation. Potential to exposure to plant material with high toxicity level.	Personal injury	Contractor to ensure operatives are provided with suitable PPE and hand tools, prior to commencement of works.	Areas of soft landscape
Soft Landscape maintenance works - working on uneven / sloping ground / surface changes	Slipping/tripping/ falling	Personal injury	All slopes to be profiled to enable lawns to be mown with pedestrian lawn mowers, with no ruts, invisible depressions. Areas are open and can be assessed prior to accessing to determine best approach. Contractor to provide method of working. Hard landscape materials have been selected for longevity and non-slip properties.	Areas of soft landscape

Presence of existing trees	Damage to trees during excavation works for building foundations, pathways, staircases.	Damage to existing trees. Development of structural weakness / destabilisation of roots through construction in/close to the RPA	Works to be carried out in conjunction with the BS 5837 (2012) and according to advice from Arboriculturalist.	To existing trees mostly around site perimeter.
Landscape maintenance works to existing trees	Falling from height, falling branches, sharp tools	Personal injury	Tree works to be carried out from ground level where possible. Where high level tree canopy works are required (where operative is require to work at height), works should only be carried out by a suitably qualified arborist.	Where trees are present (existing and proposed)
Play Equipment in Play Areas	Trips, falls, cuts from defective equipment.	Personal injury	Contractor to account for annual ROSPA inspection of all play equipment. Where any pieces of equipment are shown to be defective, they will be made safe/closed off until repairs/replacements are carried out. Design of play area to be carried out in accordance with manufacturer's guidelines, accounting for fall zones and safety surfacing.	Communal (equipped) Play Areas
Wildlife and habitats	Damage to habitats, injury to wildlife	Damage to habitats and threat to wildlife using the site.	Contractor only to carry out maintenance operations in line with ecological best practice. No pruning/hedge works during the bird nesting season without carrying out additional ecological assessments. Artificial habitats to be monitored by suitably qualified ecologist and the results to be passed on to the landscape contractor.	Site-wide