

# Designer's Risk Assessment

Development Site: **Brickfields Drive, Haverhill**

Reference: **GL1609**

Drawings: **01**



Client: Balfour Beatty

Date: 26<sup>th</sup> August 2021

Work item	Identification of risk	Level of risk	Actions to avoid or limit risk	Identification of residual risk	Level of residual risk	Actions
Specification of trees, shrubs and turf.	Potential hazards and risk include poisonous or thorny species that may cause damage/injury, species that attract pests/insects that cause allergies/allergic reactions, and species that develop spores that can cause breathing difficulties.	Low	The scheme adopts landscape and horticultural trade best practice. Specification has been set out in accordance with recognised British Standards and HTA best practice. Appropriate species have been specified for the intended residential setting that are readily available from most UK suppliers.	It is important that competent landscape contractors registered with an acknowledged trade association to secure appropriate standards of work and implementation. Planting stock should be sourced from registered nurseries to ensure compliance with specification.	Low	Ensure the appointed landscape contractor submits a Risk Assessment in relation to implementing the soft landscape scheme.  A landscape management plan has been prepared that will be implemented to ensure the long-term establishment and safety of this scheme.
Existing retained trees and hedgerows.	Potential hazards and risk include poisonous or thorny vegetation that may cause damage/injury. Falling limbs and branches	Medium	Annual cutting of hedgerows to removed current growth back to a regular line and shape. Any damaged, diseased or dangerous timber/vegetation shall be managed in accordance with recommendations set out in BS 3998:2010 'Tree work recommendations'.	It is important that competent landscape contractors registered with an acknowledged trade association to secure appropriate standards of work.	Low	Ensure the appointed landscape contractor submits a Risk Assessment in relation to management of existing trees and hedgerows.  A landscape management plan to be prepared that will be implemented to ensure the long-term establishment and safety of this scheme.
Design of play area and specification of equipment.	Possible hazards and risk include proximity of local highways, open water,	Medium	The scheme has been designed taking into consideration the location of	Potential for poor implementation and subsequent management	Low	Competent API registered contractor to be appointed to undertake the implementation

	potential unintended climbing hazards, falling heights, free space around equipment, inappropriate boundary treatments, dog access and fowling.		the play area and proximity of local roads and areas of open water. Measures have been adopted to secure a safe and secure play environment. All equipment that is built, supplied and installed shall be in accordance with all relevant British and European standards (BS EN 1176, BS EN 1177 & BS EN 7188) and standards set out by ROSPA.	leading to the deterioration and safety standards of the play area.		of the play area in accordance with all relevant British and European standards (BS EN 1176, BS EN 1177 & BS EN 7188) and standards set out by ROSPA.  A landscape management plan to be prepared that will be implemented to ensure the long-term safety of this scheme. This includes for regular inspections by a relevant inspecting authority such as ROPA.
Landform and gradients within public open space.	Possible hazard and risk associated with falling, tripping, and the potential risk of falling, crushing, and loss of control of machinery during construction and implementation.	Medium	Recommendations have been made that all banks and gradients should be no greater than 1:3. Unprotected falling heights should be no greater than 500mm, and no potential falling hazards next to highways and open water should be unprotected. Ultimately the design and risk associated with open attenuation features and associated infrastructure, such as headwalls, is the responsibility of the instructed Civil Engineer who will have designed these features.	Over time surfaces may move, heave and/or fail creating potential falling/trip hazards and/or hazards to maintenance contractors operating machinery.	Low	A landscape management plan to be prepared that will be implemented to ensure the long-term establishment and safety of this scheme that specifically includes reference to maintenance of surface treatments and boundaries.

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