

# Designers Risk Assessment

**ACTIVITY/PROJECT:** Howard Lewis Park, Playground refurbishment, Yate

**ASSESSED BY:** Andrew Sanders, Landscape Architect, Community Spaces improvement team.

**DATE:** Feb 2019

**ASSESSMENT STAGE:** **DESIGN** [PRE TENDER STAGE]

**Site Location:** Howard Lewis Park, Playground, Firgrove Crescent, Yate, closest post code BS37 7AG

**Description of activity or project:** Refurbishment of an existing playground, including the removal of existing steel play equipment and old wet pour surfacing. Installation of new play equipment, seating and paths. Anticipated duration of works on site, 4-5 weeks.

**Site description:** The area of works is situated within a local park which is circular in shape managed by Yate Town Council. It is surrounded by residential properties and contains an existing playground, two tennis courts, paths and a number of mature trees planted in grassland.

**Site access:** There are only two current access points into the park, the one from the east is pedestrian access only, the second from the west can be used for vehicle access but a section of railing and the existing gate may need to be temporarily removed to allow access for wide vehicles.

## Hazard risk rating system:

Severity Index		Likelihood index	
5	Death	5	Certain
4	Serious injury / infection / illness requiring medical attention and long incapacitation period	4	Very likely to occur
3	Minor injury / infection / illness requiring medical attention and short incapacitation period	3	Quite likely to occur
2	Minor injury / infection / illness requiring short recovery period but not proper medical attention.	2	Unlikely to occur
1	Trivial/nuisance (minor cut, grazes, bruises, skin rashes )	1	Remote possibility

NB: Items scoring 2 or less not included on risk assessment

**Risk Assessment: Significant risks identified**

ENVIRONMENT / ACTIVITY	HAZARD	SEVERITY	LIKELIH'D	RISK FACTOR (S x L)	COMMENTS/ PROPOSED CONTROLS
Delivery lorries and contractor vehicles entering and exiting the site and crossing areas of publically assessable land within a residential environment	Conflict between contractor's vehicles, and general public. Risk of collision death or injury to walkers, motorists and site operatives.	5	4	20	Traffic management measures to be put in place including warning signs, supervision by site operative of plant machinery/delivery vehicle movements and consideration of working times. If necessary create localised temporary footpath diversions with fencing to avoid working areas. Or consider closing the whole park.
Hitting services during works	Injuries to site operatives possibly fatal	5	4	20	Service information to be provided by client. Contractor to carry out CAT scan prior to digging. Use banksman during powered excavations.
Unattended machinery, materials and equipment left on site overnight.	Injury to people particularly children visiting the site being able to access machinery and excavations	4	4	16	Keep site secure from public at all times with temporary fencing. Keep materials and unsecured equipment in secured container or vehicles. Do not leave excavations open overnight, generally keep the site tidy and remove rubbish regularly to avoid hazard.
Installation of play equipment	Injury to site operatives	4	3	12	Use appropriately trained operatives, use appropriate machinery, wear hard hats and PPE, don't leave partially erected and in unsafe condition, secure structures before leaving site.



Photo of general site area showing existing paths, trees and play equipment



Existing vehicle entrance (western entrance)