

# Designers Risk Assessment

ACTIVITY/PROJECT: **QEI Playing Fields, Dodington, Exercise path project**

ASSESSED BY: Andrew Sanders, Landscape Architect, Place Improvement team.

DATE: 1<sup>st</sup> Nov 2024

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

**Site Location:** QEI Playing Fields, Dodington, Yate, South Gloucestershire, Closest post code to entrance BS378SY, off Kelston Close.

**Description of activity or project:** Installation of stone dust paths in a public park. Anticipated duration of works on site, 8 weeks.

**Site description:** The new accessible path network will run around the perimeter of the existing grassed public park with a central path creating a figure of eight in plan. The park is owned and managed by Dodington Parish Council and is open to the public. It is popular and well used by local sports teams especially at weekends and by dog walkers.

To avoid disturbing a number of mature trees and hedges along the route of the path the specification requires excavation is kept to a minimum in sensitive areas to protect tree root zones with path levels raised slightly above existing ground levels with a cell web reinforcement system.

**Site access:** There are four main pedestrian paths and gateways used by the general public to access the park. Vehicle access is from Kelston Close entrance in the eastern side of the park which is to be used as the main point of access for construction traffic, although other access points may be considered.

## 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 publicly assessable land	Conflict between contractor's vehicles, local school traffic 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.
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	5	4	20	Keep site secure from public at all times with temporary security fencing. Keep materials and unsecured equipment in secured container. Do not leave excavations open overnight, generally keep the site tidy and remove rubbish regularly to avoid fire hazard.
Excavations for path foundations	Injury to site operatives and members of the public	4	3	12	Keep excavations to a minimum and keep site secure from public. Use appropriate machinery and tools to the scale of the works and use PPE.
Installation of stone dust paths	Injury to site operatives and members of the public	4	3	12	Use appropriately trained operatives, use appropriate machinery or tools and PPE. Don't leave materials stacked or piled in an unsafe condition.