

# Designers Risk Assessment

**ACTIVITY/PROJECT:** Paving works, Abbotwood Shopping Centre, Yate

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

**DATE:** July 2019

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

**Site Location:** Area of paving adjacent to Abbotwood Shopping Centre, Yate, closest post code BS37 4NG

**Description of activity or project:** Removal of existing block paving mosaic and its replacement with a new concrete block paving design and decorative resin bound aggregate surfacing and associated edgings. Anticipated duration of works on site, 3-4 weeks.

**Site description:** The area of works is within a local shopping centre precinct which is owned by Yate Town Council. The wider area is grassed with some mature trees bisected with pedestrian footpaths and paved areas.

**Site access:** There are several pedestrian paths used by the general public to access the area from the public car park to the rear of the shopping centre. Vehicle access is from Rodford Way direct to the car park. Site traffic and deliveries will need to be managed to avoid conflict with members of the public and pedestrians using the shops and adjacent paths.

## 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	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.
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 paving and kerb units, site cutting of blocks, mixing of cement etc.	Injury to site operatives and members of the public	4	3	12	Use appropriately trained operatives, use appropriate machinery, wear hard hats and PPE. Don't cut blocks within proximity of the public, protect works with appropriate fencing / screening.

General photo of site (Westside) and shopping precinct,



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