

Designers Risk Assessment

Project: Headley Parish Council football construction works

Document Ref: GMA/HPC/PCW

Date: 11th January 2022

Project Summary

The project is for vegetation removal, topsoil strip and store, subsoil ripping, grading and firming, topsoil replacement, surface grading, stone burial, top-dressing, fertilisation, seeding, temporary irrigation provision and use, pitch grow-in agronomic works, fencing and hedge repair and planting at a site within Headley Playing Fields, Mill Lane, Headley, Hampshire.

Anticipated mobilisation date – Summer 2022

Designer's Stage F Risk Assessment

Designer: A Vickers

Project: Headley Parish Council football pitch construction works



Job No: GMA/HPC/PCW

Date 16/12/2021

Ref No	Activity / Element	Potential Hazard	Population At Risk	Risk Rating			Action at Design Stage	Action Taken		Possible Control Options (Contractors)
				L	S	R		By	Date	

1.0 Sitewide

1.1	Deliveries to site	Site access/egress and potential damage to vehicles and harm to pedestrians and site workers. Entrance also used by other site users so possible clash with young children	Public Contractor Users of playing field and pavilion	H	M	H	The site is part of a well-used park with many entrance points and formal and informal paths. The site entrance for vehicles is shared with people using the rest of the site and the neighbouring farm so careful control of delivery times and separation of site traffic from playing field traffic as far as possible will be required.	GMA Contractor Council		All deliveries and large vehicles to arrive via agreed access points during an agreed time period in accordance with wider site rules.
1.2	Trespass by members of the public	Unauthorised access onto site.	Public	L	H	H	Contractor zones clearly identified on Drawings. Work areas and haul route must be physically separated from public.	GMA Contractor Council		The site must be secured against access. The site compound, and site access road from the playing field access road and all works areas must be securely fenced off
1.3	Movement of soil and spoil	Contact with moving vehicle/ plant	Public Contractor	M	M	M	Adequate space must be allowed for to enable the manoeuvring of vehicles safely on site. All works areas located close together and fenced.	GMA Contractor		Movement of vehicles off site to be controlled with banksmen. Site compound to have designated pedestrian routes. Mobile telephones to be used only within designated site area.
1.4	Demolitions and general excavations	Below ground services	General public Contractor	L	H	H	Some services may be present. New underground electricity cables will be installed around the edge of the site in the next few months. The utility company has been asked to keep the cables as close to the field boundary as possible.	Contractor Council		Carry out services search. Use cable detection tools ahead of excavation. Locate and mark out the electricity cables.

Risk Rating classifications L - Likelihood S - Severity R - Risk (L x S) Assessment to be L-low, M-medium or H-high

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1.5	Simultaneous activities	Conflicts of multidisciplinary activities such as playing field use by cricket club	Contractor	L	M	M	A strategy management document to be produced by site PM/CA	Contractor Council GMA		Programme works to avoid potential clashes in operations. Liaise with council / clubs as needed.
1.6	General operations on site	Fire or other emergency	Public Contractor	M	H	H	Fire escape strategy to be in accordance with established site policies.	GMA, Contractor		Contractor to identify escape routes to safe areas and establish muster points for each section of the works. H&S notices to be provided on site to advertise fire strategy and congregation points.
1.7	Infections or risks from handling soil	Infections via skin contact	Contractor	H	M	M	Ensure risk assessments include appropriate PPA for site workers. Minimise soil movements.	GMA Contractor		Ensure suitable PPA is issued to site staff and used by site staff including gloves and dust masks as required.
		Lung or respiratory disease	Contractor	M	M	M				
1.8	Weill's Disease and other water related infections	Infection from dirty water	Contractor	H	H	M	Minimise working in established water courses or drains	GMA Contractor		Ensure suitable PPA is issued to site staff and used by site staff including gloves and ensure strict personal hygiene for site workers including hand washing.
1.9	Covid 19	Transmission of virus from work colleagues and public	Contractor Public	L	M	M	Ensure separation between contractors and public.	GMA Contractor		Follow government advice and company policy.

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2.0 Working space / working platforms

2.1	Working on sloping ground	Falls Equipment instability	Contractor	M	M	H	Only use suitable machinery on batter and cut slopes Angle of slope designed to allow 4 wheel drive machinery use	GMA Contractor		Use suitable machinery
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3.0 Materials / substances / components

3.1	Manual handling of materials	Manual handling/ musculoskeletal injuries	Contractor	H	L	M	Materials as far as possible have been specified that are within acceptable safe limits for manual handling.	GMA		Contractor to allow for requirements for specialist lifting / handling equipment. 2 no. operative required for manual handling of materials in excess of 20kg.
3.2	Wet mortar/concrete	Skin diseases	Contractor	M	M	M	Concrete used for haunching, foundation slabs and effecting water-tight seals.	GMA		Ensure enforcement of task-appropriate PPE

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4.0 Earthworks

4.1	Initial soil cultivation and grading works	Ground contamination	Contractor	L	L	L		GMA Contractor		If any contaminated or suspected contaminated land found inform CA and Client immediately.
4.2	Exportation of soil arisings	Vehicle movement hazards	Contractors Public	H	H	H	Clear walkways and pedestrian route ways to be designated before works start on plans.	GMA Contractor Council		Designated walkways to be marked out on site under supervision from PM.
4.3	Grading of soil mounds	Vehicle movement hazards	Public Contractor	H	H	H	Clear walkways and pedestrian route ways to be designated before works start on plans	GMA Contractor		Designated walkways to be marked out on site under supervision from PM in agreement with contractor and club.
4.4	Importation of soil topdressing	Vehicle movement hazards	Contractor Public	H	L	M	Clear walkways and pedestrian route ways to be designated before works start on plans.	GMA Contractor Council		Designated walkways to be marked out on site under supervision from PM.