

## DESIGNERS RISK ASSESSMENT

JOB NO: 1703  
JOB NAME: WEST PARLEY COMMUNITY HUB, 275 CHRISTCHURCH ROAD, FERNDOWN, BH22 8SQ  
DATE: JUN-24

HAZARD	RISK	PEOPLE INVOLVED	MITIGATING ACTION	MANAGEMENT OF REMAINING RISK.
Access from the highway to site	Collision with other traffic and pedestrians	Contractor Public School Children	Site identification and safety signage to be displayed and banksman to assist in traffic management for large delivery vehicles or as required. Clear route of access to site compound using tape and signage at and approaching point of access.	Non-essential vehicles discouraged. Banksman to wear PPE. Consider restricting vehicle movements during busy times. Site Compound Plan to be adopted by Contractor and revised as required.
Alterations to manhole covers.	Falling into drains. Disease from contact with sewage.	Contractor and possibly other people that should not be on site.	Covers to be left off for as short a time as possible.	Site to be fenced off. Signage. PPE as required, and good hygiene practices to be followed.
Asbestos	Asbestosis	Contractor	Contractor to follow guidance in asbestos survey report. Contractor to consider the need for a specialist as necessary to remove apparent ACM's.	Areas of asbestos have been identified, specialist asbestos removal company to be notified and employed for removal.
Breaking up	Hand-arm vibration syndrome. Injury from debris and dust inhalation.	Contractor	Consider use of small, narrow digger to excavate for any new drains to minimise use of hand breakers.	Wear full PPE, including eye protection and dust masks. Coordinate works to minimise risk. Sign language during operation of loud plant and machinery. Limit use of plant near perimeter of all masonry walls.
Confined Spaces	Asphyxiation	Contractor	Any works in confined spaces to follow safe system of work in accordance with current guidance.	Method Statement by Contractor.
Craneage.	As working at height, plus crushing by objects swung by crane/ crane itself.	Contractor Public	Works to be undertaken by qualified specialist subcontractors. Method statement required for craneage.	Barriers, signage, banksman etc. Works to be postponed if weather presents dangerous conditions. Apply for over sailing rights or mechanically restrict the crane & have a lifting plan when working close to boundaries
Demolitions	Impact / crushing by falling structures	Contractor Sub-contractors Site operatives	Parts of the structure to be demolished, whilst other parts retained. Consider more thorough demolition and re-build.	Method statements. Provide propping and support as required. PPE.
Drainage Excavations	Falling into excavations. Disease from contact with sewage.	Contractor	Drainage to be laid and excavations filled in as soon as practicable. PPE.	Excavations to be boarded over / fenced off.
Dust and noise	Damage to ears/ lungs / eyes.	Contractor	Drilling and sawing on site to be minimised by design.	Dust masks, goggles and extraction where needed during demolition.
Excavations	Falling into excavations, collapse. Excavations near existing house de-stabilising existing structure. Hidden services / other hidden dangers.	Contractor Client	Trenches etc to be boarded over. No operatives within excavations at any time. Excavations near house to be dug by hand and inspected by Structural Engineer as required. Services to be traced before excavations. Contractor to undertake risk assessment.	Minimise length of time that trenches remain open. Contractor to stop digging if concerned. PPE to be worn. Proceed with caution.
Foundation trenches (not believed to be applicable)	Falling material, crushing site operatives.	Contractor Site operatives	Consider trench fill foundations	No operatives in excavation trench
Hot Works	Fire and inhalation of gases	Contractor Client	leadwork and soldering copper pipe. Fire extinguisher provided at point of works. Operating tools maintained.	Contractor to provide and approve Hot Works Permit. PPE.
Lead welding	Fire and inhalation of lead fumes.	Contractor	Normal good practice - works are effectively outdoors, so ventilation good.	Hot works permits and fire precautions. Use experienced plumbers.
Legionella	Disease	Contractor	Redundant hot water pipework may contain legionella. Drain down water and decommission in a controlled manner. Do not use existing pipework or water prior to flushing and/or treatment.	Contractor to provide method statement for decommissioning. PPE and disinfectant. Ensure personnel are aware of where water can be obtained.
Mains Services: Electricity Gas Water Telephone etc	Electrocution. Explosion / fire from damage caused to severed cables and or pipes. Poisoning. Flooding.	Contractor Sub-contractors Site operatives	Turn off all known incoming services or otherwise make safe. In particular consider telegraph pole and overhead cables and below ground / surface mounted pipework. Statutory Authorities information to be obtained and consulted as necessary.	Works to be planned and undertaken in accordance with best practice. Refer to <a href="http://www.hse.gov.uk/pubns/priced/hsg47.pdf">http://www.hse.gov.uk/pubns/priced/hsg47.pdf</a> Contractor to be aware, check heights of plant / vehicles. Consider warning tape below cables to increase visibility.
Manual handling	Impact damage, repetitive injury, injury from over-exertion, hand arm vibration syndrome.	Contractor	Appropriate plant to be used.	PPE, suitably fit persons to undertake each task. Hoists, barrows etc to be used where appropriate. Glass to be taped.
Movement of vehicles including deliveries etc	Collision with: Other Traffic Scaffold Buildings Stored Materials Pedestrians	Contractor Sub-Contractors Site operatives Client Public	Consider separate vehicular / pedestrian movement systems through the site Liaise with neighbour Vehicles to be kept off site.	Non-essential vehicles to be discouraged. Banksman to be used as required. Consider restricting vehicle movements during busy times. Site Compound Plan to be adopted by Contractor and revised as required. PPE
Moving steels, beam and block floors, timber frames, rafters and other heavy objects.	Muscular / skeletal injury.	Contractor	Contractor to undertake risk assessments. Mechanical aids to be used for moving large steel beams and materials. Provide platforms to raise and rest the materials on when lifting.	Consider phasing of works / temporary routes to enable use of plant.
Plant movements	Being run over / crushed.	Contractor	Visitors to report to site office and be given PPE and induction. Banksman to be used where appropriate. Main plant movements to be in clearly defined areas, with signage / warning tape.	Signage, PPE. Site operations plan to show layout of compound, main vehicle/plant movements. To be prepared by architect, and adopted by contractor. To be a 'live' document being updated as required as works progress.
Presence of Children / other unauthorised people.	General site dangers / tampering with the works. Risk to children from criminal adults.	Children and Contractors.	Secure hoardings. No entry signs etc. Record to be kept of people on site. Provide warning signage. Do not leave hazardous materials or waste in accessible places - consider lockable skips. Do not place materials or waste against building such that it could be climbed to gain access to the roof.	Site to be left in safe condition at end of working day. Tools locked up, heavy items secured etc. Be alert to possible tampering with scaffolding etc. Consider security guard if problem evident. Consider giving tour of site, or safety assembly.
Public access	Public trespass, amplified by adjacency to school and main road	Public Client	Consider use of alarm and CCTV, possibly connected to smart phone. Heras fence the perimeter and lock all accessible points.	H&S and no unauthorised access signage to perimeter. Lock stored materials out of sight. Advise Client within the induction.
Removal of existing M&E fittings & fixings	Electricution	Contractor	Consult service providers. Desktop and visual survey of building before work commences.	Make sure there are no live services within building before commencing works.
Retained Trees	Restricting movement / use of plant making manual handling necessary. Possible cause of falling from roof or injury from awkward carrying of materials.	Contractor	Prune Trees as necessary before commencement.	General management.
Scaffold	Collapse, falling and public safety.	Contractor and public.	Consider practical size and structural design of scaffold. Assemble all necessary signage, cones, barriers and netting for public safety.	Inform public of any necessary precautions and prevent unauthorised access at all times. Use competent and certified scaffolders.
Security	Increased risk of intruders during the works.	Intruders Client	Site to be hoarded. Ladders to be removed / rendered unusable at the end of each day.	Consider alarming scaffold.
Slips and trips	Tripping over objects / slipping on spillages	Contractor and others	General good housekeeping. All areas well lit, including stairs. No trailing leads or cables. Staff keep work areas clear, eg no boxes left in walkways, deliveries stored immediately.	Periodic 'spring-clean' of waste needed.
Stagnant water within existing pipework.	Infectious diseases	Contractor	Specialist PPE equipment to be worn before removal of existing services, redundant pipework.	People to be kept out from under areas of roof contractors are working on.
Uneven ground.	Tripping	Contractor and others	Keep to paths where possible. Don't walk backwards.	Signage or tape off unsafe routes.
Unexploded Ordnance	Explosion, injury/death.	Contractor Sub-contractors Site operatives Client Public	Detailed UXO Risk Assessment carried out and site identified as Medium Risk. Explosive Ordnance Disposal Engineer Watching Brief to be carried out throughout all excavations and other intrusive works.	Training in accordance with Risk Assessment report to all site operatives. UXO Safety and Awareness Briefing and Site Specific Safety Instructions training course.
Volatile Organic Compounds and other toxins	Possible damage to respiratory system / brain.	Contractor	Materials with low / no VOC content to be preferred. Low VOC Paints to be used / specified.	Ventilation to be provided when painting.
Windows / high level maintenance.	As working from height, plus injury from broken glass.	Maintenance contractor	Contractor to consult scaffolding experts ASAP. Consider fall arrest systems.	Suggested method of access for cleaning to be included in Health and safety file. Cleaning only by suitably trained staff.
Working at height	Falling / dropping things	Contractor Sub-contractors Site operatives	Suitable working platforms and crash decks to be provided.	Proper working platforms to include guard rails as necessary. PPE. Signage 'warning people working overhead' and barriers. Openings to be securely covered.