Job Method Statement & Risk Assessment

Operation: Demolition

Client: Monmouthshire CC

Project: 3-19 Through School Abergavenny

Site Address: Old Hereford Road, Abergavenny, NP7 6EP

Document Control

Authorisation for Issue

	Name	Position	Signature	Date
Prepared By	Steve Langford	Project Director		
Reviewed By				
Approved By				
Accepted By				

Issues and Amends

Version No:	Amended By	Reason for Amend	Date
1.0	NA	Initial Issue To Client For Approval	15-11-21

RAMS document to be subject to continuous review as works progress, with any necessary amendments re-issued to all parties.

References (This list is not exhaustive)

- Health and Safety at Work Act 1974
- Construction (Design and Management) Regulations 2015
- Control of Asbestos Regulations 2012
- Personal Protective Equipment at Work Regulations 1992 (as amended)
- Personal Protective Equipment at Work Regulations 2002
- Care of Substances Hazardous to Health Regulations 2002

Contents

1.0 Project Overview

1.1 Project Details

Project Name	3-19 Through School
Project / Site Address	Old Hereford Road, Abergavenny, NP7 6EP
Principal Contractor	Morgan Sindall Construction
Principal Designer	MCC
Sub-Contractor	Asbestos)tbc)
Start on Site Date	Tbc
End on Site Date	Tbc

1.2 Contact Details

Position	Name	Contact Details
Project Director	Steve Langford	07966 411 978
Senior Project Manager	Tbc	
Health and Safety Manager	Tbc	
Site Manager / Demolition Supervisor	tbc	

1.3 Scope of Works

Demolition of the buildings at the current King Henry Viii School, to include the removal of licenced and non-licenced Asbestos Containing Materials and the subsequent removal of all waste generated from the demolition works.

- It is envisaged that the whole of the existing school will be demolished down to ground level to make room for a new sports hockey pitch, muga and landscaping.
- All above and below ground services are to be disconnected and safely removed prior to demolition works.
- All hard-standing surfaces including reinforced concrete slab, mass concrete and tarmacadam are to be excavated to a minimum of 500mm below ground level.
- Removal of all below-ground foundations, hardcore, blinding concrete etc. to a level of 1.5m below existing ground level.

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2.0 Planning and Preparation

2.1 Resources

- Demolition supervisor to be appointed
- Appoint Asbestos Removal contractors
- Mobilise plant/skips/lorries
- Agree any lay down areas for diesel bowsers / skips / plant etc. with Site Management Team

2.2 Site Security

The main site will be secured by the Principal Contractor. Contractor will provide security to prevent access to demolition sites using appropriate fencing such as Heras fence panels, chapter 8 crowd barriers etc. and ensure that suitable and sufficient signage is erected to warn of demolition works taking place.

2.3 Delivery of Plant

All plant will be delivered to site with current certificates of inspection and along with any PUWER/LOLER certificates.

All plant is fitted with mirrors or cameras and serviceable flashing beacons which will be used whenever transiting the site. This ensures that all pedestrians can see the oncoming traffic.

When not in use, all plant / equipment will be left in a safe and secure condition, and where practicable keys to all plant to be left within the contractors welfare offices in a locked unit.

All plant and equipment will have been delivered and removed from site as per 'Delivery and Collection of Plant /Equipment' Risk Assessment.

All plant will be offloaded on level, stable ground with an acute awareness of any overhead and buried services and where there is sufficient space by a trained, competent person. The securing straps of the low loader are then released, the ramp lowered to the ground and the machinery off loaded.

Transport will turn off engines when stationary or within a holding area

2.4 Delivery of Materials

Deliveries will be made during site hours usually (7am to 6pm Monday to Friday and 8am to 1pm Saturday) but are subject to the conditions and constraints as agreed with the Principal Contractor / Client.

No deliveries to be permitted during school pick up and drop off (usually 8am – 8:30am and 2:45pm – 3:15pm)

The Principal Contractor will control the main gate and the contractors trained vehicle marshal will attend the delivery/collection and escort to lay down area or COSHH area (Diesel Deliveries)
All delivery notes will be collected and issued accordingly.

If more than one HGV turns up at any one point, the secondary HGV will be directed to a holding area until it is safe to proceed into the lay down area for loading/Unloading.

- A vehicle entrance for deliveries will be established and on entering the site all deliveries will take instruction by the vehicle marshal.
- All delivery drivers will receive a short but concise induction on their first visit to site and will be required to be inducted when entering the lay down area to collect waste.
- Traffic rules will be made clear to all delivery/collection contractors prior to their engagement on the site.
- A Traffic Management Plan is detailed in this document and will be agreed with the Principal Contractor
- All delivery drivers will adhere to site rules regarding PPE.
- A site speed limit will be in force of 10 MPH
- All reversing vehicles on site will be supervised by a trained vehicle marshal, once unloaded or loaded the wagon will be directed/ escorted back to the site main gate to exit the site.
- The process will be repeated for each delivery,
- Transport will turn off engines when stationery and drivers will not leave their cabs whilst in the lay down area.

2.5 Traffic Management

All vehicles and plant will adhere to the site traffic management plan as agreed with the Morgan Sindall. A copy of the TMP will be held in the site office / welfare facility for reference. Any interested parties who require it will be furnished with a copy of the TMP for their review prior to visiting site.

The banks man will be responsible for the checking of all vehicles leaving site to ensure that wheels are clean. If not, then the wheels of the vehicle will be cleaned appropriately by jet wash prior to the vehicle being allowed to leave site. Vehicles will be sheeted.

By processing all suitable material for re-use on site and by careful segregation of all other materials generated through demolition we will be able to plan and minimise all vehicular movements from site.

The Site supervisor will have overall control of all traffic movements to and from site.

Pedestrian and plant/vehicular movements will be segregated using temporary fencing.

Where pedestrian routes cross vehicle routes there will be good visibility for both pedestrians and vehicles and be clearly marked. Pedestrian crossing points will be clearly indicated using red ‘hooped’ gates and sign posted ‘crossing point’. These will be supplied by the Principal Contractor.

In the event that access and egress points change re-induction to site operatives will be undertaken accordingly.

All vehicular movements on site will be overseen by a dedicated Banksman who will remain outside of the turning circle of plant and machinery at all times

Delivery drivers will be advised on the local road systems busy times of day will be avoided for deliveries and consideration given to residents in the local area.

All HGV Vehicle and other deliveries.

TO BE DEVELOPED – INSERT PLAN OF DELIVERY ACCESS TO SITE HERE

Figure 1: Appendix 1

2.7 Ecology

Morgan Sindall have had a site survey carried out and any requirements will be adhered to via risk assessment

closer to the time of these works occurring for example the care around nesting birds and bats.

2.8 Environmental Impact
The normal working hours identified within the section 81 will be adhered to working the following hours of plant operation

08.00 to 17.30 Monday to Friday
08.00 to 13.00 Saturday

Plant and equipment being utilised on this project are within a three-year period and low carbon emission machinery.

The method of demolition is to use progressive fragmentation therefore reducing noise emissions to the lowest possible level.

Hydraulic hammering during the demolition phase on localised areas of ground slab to be considered.
Dust will be controlled using standard fire hose fitted with wide spray applicator or a dust boss unit subject to weather conditions and materials being worked upon.

The Demolition high reach machine is fitted with direct water suppression to the attachment reducing dust at source.
The site supervisor will monitor dust omissions daily and respond accordingly to wind change and or prolonged spells of dry weather.

Surrounding drains and outfalls will have a layer of debris located within and the void will be filled with plug. The filter will be checked and changed regularly to ensure dust contaminated discharge does not occur to the surrounding aquafer

Noise, Dust and Vibration monitoring to be carried out as necessary.

2.9 Vibration

The site supervisor will monitor progress and demolition activities and if enhanced levels of vibration are being felt or complaints registered from resident's works will cease in the affected area and further investigation undertaken.

Vibration levels of those using breakers or Sthil Saws will be monitored by the Demolition Supervisor. There will be minimal use of such equipment and at no time will EAV's be reached.

All communication with the residents will be the responsibility of Morgan Sindall and the contractor who will address any issue that arises so that the complaint can be quickly recorded and the resident visited and complaint closed out.

3.0 Plant and Equipment Required

Equipment	Safety Precautions Required	Additional Notes
40t Tracked Excavator	Only to be operated by licenced operator. To be “in date” for all inspections Daily operator pre start checks to be undertaken at the beginning of each shift. To be fitted with boom angle indicator that provides a visible and audible alarm that the boom is in a safe working position and an inclinometer coupled to a warning indicator that will alert the operator if it’s being used on an unsafe incline.	Demolition spec with cage. To be fitted with boom angle indicator that provides a visible and audible alarm that the boom is in a safe working position and an inclinometer coupled to a warning indicator that will alert the operator if it’s being used on an unsafe incline.
20t Tracked Excavator	Only to be operated by licenced operator. To be “in date” for all inspections Daily operator pre start checks to be undertaken at the beginning of each shift	Shear and Grab attachments and Buckets, muncher To be fitted with boom angle indicator that provides a visible and audible alarm that the boom is in a safe working position and an inclinometer coupled to a warning indicator that will alert the operator if it’s being used on an unsafe incline.
High Reach machine	Only to be operated by licenced operator. To be “in date” for all inspections Daily operator pre start checks to be undertaken at the beginning of each shift High reach demolition machines to be fitted with FOGS (Falling Object Guard Screen’ cab to protect operator. To be fitted with boom angle indicator that provides a visible and audible alarm that the boom is in a safe working position and an inclinometer coupled to a warning indicator that will alert the operator if it’s being used on an unsafe incline. Machine to be operated in line with tracks and not at 90 degrees. Ratio of 2:1 working distance to be used as a working distance (i.e 20m high structure, machine 10m away).	
10t Dumper x 1	Only to be operated by licenced operator. To be “in date” for all inspections	

	Daily operator pre start checks to be undertaken at the beginning of each shift Site speed limits to be observed at all times To be fitted with boom angle indicator that provides a visible and audible alarm that the boom is in a safe working position and an inclinometer coupled to a warning indicator that will alert the operator if it's being used on an unsafe incline.	
MEWP	Only to be operated by licenced operator. To be "in date" for all inspections Daily operator pre start checks to be undertaken at the beginning of each shift Site speed limits to be observed at all times Ground conditions to be checked for suitability before use Rescue plan to be in place SWL not to be exceeded at any time To be fitted with an inclinometer warning that will alert the operator if it's being used on an unsafe incline.	
Mist Cannons, as appropriate	Daily operator pre start checks to be undertaken at the beginning of each shift	Water supply required – to be provided by Morgan Sindall
Hand Tools, Stihl Saw, breakers	To be "in date" for all inspections Daily operator pre start checks to be undertaken at the beginning of each shift Appropriate PPE to be worn by operators	
Task Lighting and a Generator	To be "in date" for all inspections Daily operator pre start checks to be undertaken at the beginning of each shift 110 volt supplies only	110V supplied by Morgan Sindall
Attachments	To be "in date" for all inspections Daily operator pre start checks to be undertaken at the beginning of each shift	Various attachments to plant and machines to allow demolition works

4.0 Personal Protective Equipment Required

Type	Make and Model	Standard	To Protect Against	
Hard Hat	Standard	BS EN 397	Head Injuries caused by falling objects Head Injuries caused by hitting head on structures or plant	
Gloves	Cut Level 3 for general site tasks	EN388 (+Cut Rating)	Moderate cut hazards caused by sharp materials.	
	Cut Level 5 for sharps works	EN388 (+Cut Rating)	Extreme cut hazards. These gloves are used for jobs that involve very sharp blades	
Hi Visibility Clothing (Except when undertaking Asbestos removal works)	Vest / Coat / Waterproofs	BS EN 471	Ensure that operators can be easily seen by vehicle and plant operators	
Safety Glasses/Goggles	Standard for general demolition / site work	EN166	Air Bourne debris and high speed particles	
	Impact Resistant when using Stihl Saws / Breakers			
Coverall	Type 5 / 6 Coveralls	Type 5 / 6 Coveralls	Contamination to clothing including from ACMs	
Dust Mask	High Efficiency Cartridge mask will be worn with FFP3 filter	FFP3 / FFP2	Demolition Dusts	
Protective Boots	Steel Toe Cap and Reinforced Mid Sole	EN ISO20345	Foot injuries	
Kevlar “Sleeves”	Cut Level D	EN388 2016 EN407 2004	Cuts to forearms during glass removal	

5.0 Technical Content and Methodology of the Works

5.1 General

The site will be secured by the combination of boundary fencing/walls, heras mesh panels and buildings to be retained; which are to be maintained during the course of the demolition works. A heras fence will be installed within the site boundary to secure specific working areas and exclusion zones where required.

A site set up will be provided to by the Principal Contractor comply with current Standards and Regulations including office, canteen, toilet and steel lock up. Parking for site personnel & visitors will be provided on site outside the site set up.

Operative car parking for use by Contractor Light Vehicles is to be segregated off from main work area with Chapter 8 barriers.

TO BE DEVELOPED – INSERT PLAN OF DELIVERY ACCESS TO SITE HERE

Figure 2: shows a brief breakdown of each building block on site.

Interface with members of the Public is a concern due to location of live leisure centre so planning and clear signage to be carried out and maintained.

The Morgan Sindall will provide the necessary service disconnection certification. This will be attached to the MS. No demolition will commence until the hold point has been signed off. Contractor will also Cat Scan the area to confirm if there are/no services in our working area,

Dust suppression will be used during demolition and possible dusty activities as required. This will consist of bowser with high pressure washer and a boss dust atomiser, spray attachments to excavator arms as well as wetting in advance of the demolition

All plant will be confined to the working area and will not be permitted to leave the fenced site.

All small plant & tools are to be locked in a secure store unit each day.

Asbestos
ACMs identified will be removed by licensed asbestos removal contractors prior to demolition commencing. Certificates for re occupation will be provided before operatives can enter the areas.

As a part of the briefing process for this work procedure, operatives shall be made aware that although asbestos has been identified and removed, there is a possibility, given the age and nature of the building, that additional asbestos may be discovered during the works.

If personnel suspect that any material found during demolition activities suspected of being asbestos will result in work being stopped. Actions will be carried out as detailed in **Appendix 2: Asbestos Unexpected Discovery flowchart.**

Environmental Items
Spill kits have been provided these will be on hand for use as required.

Operatives shall have access to a mains water supply on site if dust suppression is required.

Oxy-propane cutting
All works are to be carried out under the control of the Site Supervisor.

Burning equipment if used will consist of oxy/propane, which is in cylinders. The storage of these will be in locked cages or other adequate areas. when in use a fire extinguisher will be kept adjacent to the area.

Only flame-retardant PPE to be worn and all operatives shall have the appropriate RPE as detailed in Section 13.

Adequate firefighting facilities are to be in place i.e., fire extinguishers/ fire hydrant/fire alarm.

Each operative shall ensure his equipment is in good working order, that spark and flash back arrestors are fitted, that gas bottles are secured in an upright position and that masks are properly worn, maintained and inspected before use.

Gas will be turned off at the cylinders during breaks and gauges, flash backs, and lamps will be removed to the store at the end of each working day.

Safety Overview
No work will take place until everyone has read and understood the RAMS and Demolition procedures.

Site induction will be given by the Contractor and Morgan Sindall the PC.

All appropriate personnel involved in the demolition to hold a valid Asbestos Awareness training certificate and in the event additional suspect material is discovered works will cease immediately in the affected area until a time a sample has being taken and analysis provided.

All utility disconnection/isolation certificates are to be made available and checked before any work takes place, these will then be filed in the site office and kept on site.

This will include a statement and check that the gas pipes have been cut and purged. This to be confirmed by Morgan Sindall.

2-way radios will be used for communication during all demolition/dismantling operations, controlled by a banksman.

Prior to demolition commencing operatives will access the works areas subject to access requirements utilising a safe means of access to mitigate to lowest possible position exposure to working at height. We may use MEWPS and towers for the light strip activity only.

A Licensed Asbestos Company (tbc) will undertake the removal of all asbestos in advance of the main demolition.

Before any work commences a search of the building must be done to ensure no operatives are within the structures to be demolished and or unannounced intruders/vagrants.

When the Site Supervisor has given the all clear to the banks man works will commence.

All Operators to hold valid in date CPCS licence for the plant item being operated

The supervisor will monitor operations as works progress and in the event the structures being worked upon do not react in a way anticipated works will cease immediately until a time this can be amended accordingly.

5.2 Soft Strip

Hold Point No 1

No work to commence until service termination certificate has been issued and attached to the rear of this MS.

Site Supervisor:

Signature…… Name……

A needle sweep is to be carried out by trained persons prior to work commencing.

Prior to the demolition of the structures on site, a soft strip will be undertaken to remove all fixtures and fittings, doors and frames, plasterboard partitions, ceiling tiles, lightweight fixtures, flooring and other materials left inside and outside buildings.

TO BE DEVELOPED – INSERT PHOTO OF TYPICAL SOFT STRIP HERE

Figure3: Example areas for soft strip

There is a Risk Assessment for Soft Strip and General Activities that are to be read and form part of this document Reference No: Soft Strip 317, General Site activity 722.

Hot works: Disc Cutter, Hot Work Permit to be issued by Site Supervisor

There will be some occasions where hot works is required using a disc cutter

Clear the area around the hot works area, removing all combustible materials and flammable liquids.

Hot works should never be carried out in an atmosphere containing flammable vapours or combustible dust. Where a hazardous atmosphere is suspected, air samples should be taken and a competent person should evaluate and certify the atmosphere to be non-flammable.

The area to be worked in should be well ventilated to prevent build up of any toxic or flammable fumes from the hot works.

Ensure that correct firefighting equipment is available and situated close by.

Any persons in and around the hot works area must be familiar with the escape routes should a fire break out. They should also be familiar with the method of raising the alarm.

For high level works, operatives will gain access by means of scaffold towers or podium steps, erected and checked by competent operatives. Any podiums used on this site must be of the “anti surf” variety to prevent moving along whilst on the platform.

Hold Point No 2

No work to commence until the Working at Height permit has been completed and attached to the rear of this MS.

Site Supervisor:

Signature…… Name……

Exclusion zones: Exclusion zones will be implemented to reduce the risk of operatives from being struck by falling debris, waste and contact with plant. Also, they will help to restrict unauthorised access into restricted areas.

During the soft strip all operatives will be advised to be vigilant for hazardous substances or materials. Any hazardous substances or materials found shall be brought to the attention of the site supervisor who will assess these and arrange for the appropriate action to be undertaken.

Glazing will be removed if possible, during the soft strip phase of the demolition, windows removed to facilitate the out loading of material. To reduce risks some glazing will be removed during the demolition of the structure. This will be carried out by the Demolition 360 excavator rotating grab attachment

Any leading edges created during the soft strip operation to be immediately fenced off with appropriate signage.

Operatives will use sledgehammers, mattocks, nail bars to remove fixtures and fittings, where cutting of pipes and brackets are required, the Sthil saw will be used along with the breaker.

Materials removed as part of the soft strip will be placed in a roll-on-off skip.

Materials will be kept separate where possible to aid recycling of materials such as timber and metal.

No materials will be allowed to accumulate in any one area to keep a clear and safe work area always. If due to the availability of skips due to the arrangements for delivery schedules that have been agreed, any waste piles will be fenced off.

The soft strip items are as follows (but not limited to):

- Internal doors, door frames;
- Architraves, skirting boards, window board, shelving, window blinds;
- Toilet cubicles, sinks, toilets, wash hand basins;
- Ironmongery;
- Floor coverings including screed and adhesive, raised access floors;
- All ceiling finishes;
- Stud partitions, wall tiling and glazed screens;
- Windows, window frames, window boards

Operatives will use two methods for the removal of waste

The first method of removal shall be transportation via hand or waste trollies towards the skip compound.
Once at the skip compound the operatives shall transfer the waste into the designated skips.

The second method of removal shall be the erection of drop/exclusion zones.

Waste shall be dropped into an appropriate area, if possible, a skip will be placed in the drop zone so the waste can go straight into the skip, on occasions this is not possible so the waste will be dropped into the drop zone and then loaded away into the correct skips. Whilst we appreciate that this may cause some noise issues, the use of waste chutes is not practicable due to the size and irregular shape of the materials being removed. Materials could jam up the waste chute creating a greater hazard to clear that a regulated drop zone.

The drop zone will be positioned at good vantage points as dictated by soft strip sequence, fully secured using double clipped heras fencing and signs, saying No Entry Drop Zone, (see below typical drop zone diagram)

Figure 4: Typical demolition drop zone

All skips will be labelled to stop the mixing of waste. This will increase the quantity of the waste recycled.

The working area is to be kept as clear as possible to prevent trips and falls.

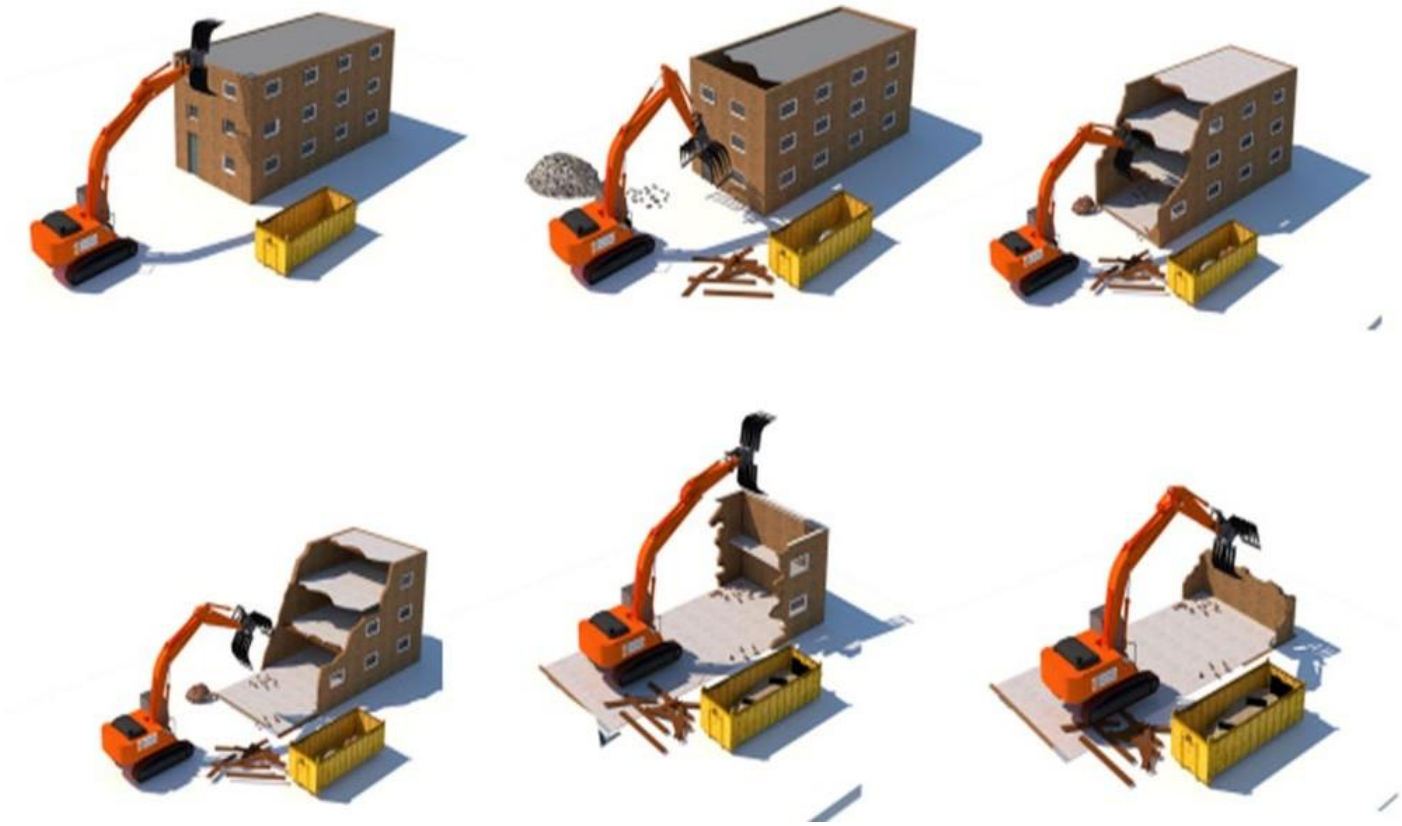
Operatives to wear gloves at all times to prevent cuts to hands.

This process will continue until all the out buildings are empty.

Operatives to of read and understood manual handling risk assessment prior to works.

5.2. Demolition

Principle of top-down demolition



5.2.1 Demolition Phase 1

Block Nr (tbc) We will allocate all blocks to be demolished a reference number or letter and each will be individually assessed for things such as:-

- Age of Block
- Materials its constructed from
- Lateral Stability
- Foundation Type
- Type of Plant to be used
- Method of waste disposal
- Entry Points for Security during demolition

for concern. The building is two story traditional steel frame & brick/block construction; the building is in reasonable condition and the structural stability appears to be good following visual inspections.

7. Risk Assessments

STAGE OF PROJECT	HAZARD	CONSEQUENCE	HAZARD EFFECT	PERSONNEL AT RISK			RISK LEVEL			CONTROL MEASURES	RISK LEVEL		
				Prichard Employees	Other contractors	Others e.g. trespassers	Severity	Probability	Risk Level		Severity	Probability	Risk
Deliveries and Collection of Plant/ Equipment	Narrow Roads	Collision with other vehicles and/or pedestrians	Injury, death	Y	Y	Y	3	3	9	Reduce speed. Due care and attention especially during busy periods.	3	1	3
	Unloading	Sprain/strain	Sprain or strain. Long term disability	Y	Y	Y	2	3	6	Mechanical aids to take material to work face; otherwise team lift. Plan route. Certification for lifting equipment.	2	1	2
	Unloading	Falling materials/equipment	Injury, death	Y	Y	Y	3	3	9	Established parking/delivery area; Cordon area off; trained vehicle marshal supervision of all deliveries; Due care and attention.	3	1	3
	Vehicles manoeuvring	Collision with other vehicles/ pedestrians	Injury, death	Y	Y	Y	2	3	6	Reduce speed. Due care and attention especially during busy periods.	2	1	2
	Overhead services	Electrocution	Injury, death	Y	Y	Y	2	3	6	Location of services to be considered when offloading	2	1	2
	Fuel spill	Environmental impact	Damage to environment pollution	Y	Y	Y	2	2	4	Competent delivery vehicle drivers; care and attention spill kits to be available.	2	1	2
Site set up	Vehicle activity	Collision with other vehicles and/or pedestrians	Injury, death	Y	Y	Y	3	3	9	Traffic Management Plan in place; Cordon off area to reduce access to unauthorised persons. Established parking/delivery area; trained vehicle marshal supervision whilst deliveries are made; Due care and attention.	6	2	6
	Manual Handling	Sprain/strain	Sprain or strain. Long term disability	Y	Y	Y	2	2	4	Mechanical aids to take material to work face; otherwise team lift. Plan route. Certification for lifting equipment to be available.	2	1	2
	Housekeeping	Slips, trips, falls	Injury	Y	Y	Y	2	3	6	Clear work areas on a regular basis	2	1	2
	Ignition sources/ combustible materials	Fire	Injury/death	Y	Y	Y	3	2	6	All debris to be removed at the end of the day and as work is progressing. Fire extinguisher at welfare facilities.	2	1	2

Demolish/ Dismantle/ removal	Asbestos	Dust	Long term ill health effects	Y	Y	Y	3	3	9	Asbestos survey has identified asbestos. Artico will carry out all removal of Licenced and Non-Licenced Asbestos. Prichard's will apply fine water mist sprays on working areas during demolition. Training all Prichard's operatives to hold UKATA B&C asbestos awareness. If any further asbestos is uncovered or suspected STOP work immediately and inform MS of concerns. Regular review of effectiveness of Dust Suppression and RAMS.	2	2	4
	Overhead services	Explosion/ Electrocution	Injury, death	Y	Y	Y	3	3	9	Location of services to be considered; isolate services if possible; route services on goal posts so away from area of working. Carry out visual assessment to ensure no power cables or services are present. MS to provide for records and reference all isolation certification. There is not believed to be any overhead services.	1	2	2
	Buried services	Explosion/ Electrocution	Injury, death	Y	Y	Y	3	3	9	All services are isolated and decommissioned MS to provide isolation certification for records and reference.	1	2	2
	Noise	Complaints	Injury, long term ill health effects	Y	Y	Y	2	2	4	Standard hours of works to be adhered to Mon to Fri 07.30 to 17.30. Saturdays 07.30 to 13.00 no Saturday works after 13.00 and no works Sunday. Hearing protection to be worn during periods of excessive noise (i.e. >85dbA) No plant to be operated <08.00	2	1	2
	Vibration	Complaints	Injury, long term ill health effects	Y	Y	Y	2	2	4	Use limited to core hours and not Saturday afternoon or Sundays (all day);	2	1	2
	Inhalable Dust	Inhalation	Long term ill health	Y	Y	Y	3	2	6	Dust to be controlled by suppression provided by Prichard's site wide.	2	1	2
	Vermin	Weils disease/ Leptospirosis	Long term ill health	Y	Y	Y	3	2	6	Any evidence of rat activity to be reported to the site supervisor; good hygiene; gloves. Welfare to be used regularly and kept clean and tidy for purpose.	2	1	2
	Needle stick	Hepatitis	Injury, long term ill health effects	Y	Y	Y	3	3	9	Any evidence of needles sticks to be reported to the site supervisor; do not handle with hands, use hand tools to collect; good hygiene; gloves	2	1	2

Demolish/ Dismantle/ removal	Vehicles manoeuvring	Collision with other vehicles/ pedestrians	Injury, death	Y	Y	Y	2	3	6	Reduce speed adhere to site speed limit Due care and attention especially during busy periods. trained vehicle marshal used always when reversing Traffic management plan to be regularly reviewed for effectiveness..	2	1	2

	Controlled demolition	Fall of material	Death, Injury, long term ill health effects	Y	Y	Y	3	3	9	Site boundary fence is in place and controlled by Prichard's a secondary fence to be erected preventing unauthorised entry to the demo area, Sections to be held by mechanical means when been released. Excavator driver protected inside demolition specification cab. Restrict area to excavator operators only. trained vehicle marshal to maintain safe distance. Demolition drop zone to be established and managed. Review RAMS frequently to ensure effectiveness Communication between demolition excavator driver and trained vehicle marshal via two-way radio.	2	1	2
	Contaminated land	Skin contact whilst soft strip	Ill health	Y	Y	Y	2	2	4	Stop work and assess nature of contamination.	2	1	2
	Adverse weather conditions	Wind Rain	Blown from position of safety	Y	Y	Y	2	2	4	Mandatory work wear to be worn 5 point PPE Do not work on exposed areas, in very high winds works should not be completed on site, make area safe on move to safe zone, if in doubt stop.	2	1	2
	Hot Works	Fire/Explosion	Injury, death	Y	Y	Y	2	2	4	Permit to work to be completed and managed by Prichard's site supervisor, control measures to be implemented prior to commencing work, ensure correct fire fitting equipment available.	2	1	2
Refuelling	Manual Handling	Sprain/strain	Sprain or strain.	Y	Y		2	3	6	Mechanical aids to take material to work face; otherwise team lift. Plan route. Certification for lifting equipment	2	1	2
	Diesel fumes	Inhalation/skin contact	Long term ill health	Y	Y		3	2	6	Service re-fuel machines in open air environment.	2	1	2
	Spills	Rupture of container; decanting into vehicle	Pollution	Y	Y	Y	2	2	4	Appropriate mobile fuel bowser will be used to re-fuel plant daily. There will be a Spill kit in the storage area and a drip tray used.	2	1	2
Reinstatement	Buried services	Explosion/ Electrocution	N/A	Y	Y	Y	3	3	9	Locate services using plans and CAT scan; hand dig until services have been identified; Once identified mark areas; protect services by benching over with semi-dry concrete and notify.	1	2	2
	Noise	Noise	N/A	Y	Y	Y	2	2	4	Use limited to core hours and not Saturday afternoon or Sundays (all day); hearing protection to be worn during periods of excessive noise (i.e. >85dbA)	2	1	2
	Inhalable Dust	Inhalation	N/A	Y	Y	Y	3	2	6	Dust to be controlled by suppression; FFP3 dust masks available for particularly dry days when suppression is difficult to maintain.	2	1	2
	Adverse weather conditions	High temperatures	N/A	Y	Y	Y	2	2	4	Mandatory work wear. Regular water breaks.	2	1	2

COVID-19	Transmission of virus between operators and the wider community	Serious illness which could prove fatal	Acute Illness and possibly death	Y	Y	Y	5	4	20	Follow government guidelines for infection control in general All staff are to wash their hands regularly. Where washing using soap and water is not possible, use hand sanitizing gels Avoid touching the face and mouth Staff who have symptoms of Covid-19 are not to report for work. Similarly, if anyone in their household shows symptoms of the illness, the whole household should self-isolate as per government guidelines Staff are to avoid travelling to work in the same vehicle and where possible should travel to and from work in their own vehicle. All Prichard's staff will receive a daily site briefing about the do's and don'ts regarding Covid-19 All breaks and lunchtimes will be staggered to prevent welfare facilities becoming swamped. Staff will work 2 metres apart at all times. Social Distancing measures will be maintained and enforced by site supervisors throughout. Where practicable, site supervisors operate a one operator to one machine system to minimise cross touching of items on/in plant. Where operators have to use various machines due to the requirements of the work, the plant/machinery is to be sanitised when the operator leaves the cab/seat and prior to any operator re-entering the plant. Staff should also wash their hands each time before getting into enclosed machinery (such as diggers) with others, and wash their hands every time they get out Prichard's full Covid-19 work strategy has been communicated to all staff. As much as possible, we will keep groups of workers working together in teams that are as small as possible (cohorting). For example, we will keep vehicle crews working together, rather than mixing crew members on different shifts.	1	5	5
COVID-19	Transmission of virus between operators and the wider community	Serious illness which could prove fatal	Acute Illness and possibly death	Y	Y	Y	5	4	20		1	5	5

8. Record of Briefing

Supervisor to ensure that Method Statement is read and understood by each Operative on the Project and sign to that effect.

Operative to sign as having read and understood the Method Statement and all its attachments (i.e. Company Policies, Statements, etc).

Drivers/Operatives Name:	Signature:	Briefed By:	Date:

Appendix 1 – Traffic Management Plan

Appendix 2 – Asbestos Unexpected Discovery flowchart