

PRICHARD'S

Demolition Plan of Works

Project Name:

Cefn Isaf Flats Demolition

Project Address:

**Cefn Isaf Flats, Pontycapel Road, Cefn
Coed Y Cymmer, Merthyr Tydfil, CF48
2RA**

Project Number:

PC0547

Prichard's Client:

Merthyr Valley Homes

Earthmovers House,

Unit 16

Llantrisant Business Park

Llantrisant

CF72 8LF

Tel: 01443 226170

Email: info@prichardholdings.co.uk

www.prichardholdings.co.uk



Project Information:

Key Project Team Members (CDM 2015)

	Company	Contact Name	Email	Phone
Client				
Principal Contractor	Prichard Demolition	Chris Goodfield	chris@prichardholdings.co.uk	07917 583628
Principal Designer	RPA Quantity Surveyors Limited	James Owen	james.owen@rpagroup.co.uk	07508 324249
Clients Project Manager	MV Homes	Leon Williams	leon.williams@mvhomes.org.uk	07872 421226
Designers	RPA Quantity Surveyors Limited	Paul Griffiths	paul.griffiths@rpagroup.co.uk	07811 555286
Sub-Contractors	TBC	TBC	TBC	TBC

Prichard's Key Project Members

Role	Name	Email	Phone
Contracts Director	Chris Goodfield	chris@prichardholdings.co.uk	01443 226170
Contract Manager	Alex Murphy	alex.murphy@prichardholdings.co.uk	07484900269
H&S Manager	Jason Cornock	jason.cornock@prichardholdings.co.uk	01443 226170
H&S Advisor	Harry Paterson	harry@prichardholdings.co.uk	07946022941
Site Supervisor			

Both the Contract Manager and the H&S Manager are to be contacted in the event of an emergency

RAMS Creation Record

RAMS Record	Name	Position	Date	Signature
Drafted By	Alex Murphy	Contracts Manager		
Reviewed By				
Approved By				

Document Control

Version No	Amended By	Reason For Amend	Date	Signature	Amend Approved By	Date	Signature
2.0							
3.0							
4.0							
5.0							

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Project Information	2
1.0 Project Overview	4
1.1 Project Details	4
1.1.1 Surveys and Reports	4
1.2 Management of the Work	5
1.3 Control of the Works	6
1.4 Welfare facilities	6
1.5 First Aid	6
1.5.1 Accident reporting and investigation.....	7
1.6 Production and approval of risk assessments and SSOW's.....	7
1.7 Fire and Emergency Procedures.	9
1.7.1 Emergency Action	9
1.8 Control Of Substances Hazardous to Health (COSHH).....	9
1.9 General site rules.....	10
2.0 Prichards Project Scope	11
2.1 Site Plan	12
3.0 Planning and Preparation	13
3.1 Resource	13
3.2 Site Security	13
3.3 Delivery of plant.....	13
3.4 Delivery of materials	14
3.5 Traffic Management	15
3.6 Confirmation of Services Disconnection	16
3.7 Ecological Constraints	16
3.8 Environmental Impact	16
3.6 Personal Protective Equipment Required.....	17
3.7 Plant and Equipment to be used	18
4.0 Methodology of the works and Technical Content	19
4.1 Methodology	19
4.2 Environmental Monitoring	28
4.3 Disposal of waste	28
4.4 Demobilisation of plant	28
5.0 Arrangements for controlling significant site risks.....	28
5.1 Safety risks	32
5.2 Health Risks.....	32
Appendix A: Risk Assessment	32
Appendix B - Discovery of Asbestos Containing Materials – Immediate Action Flow Chart	44
Appendix C - Manual Handling Assessment	45
Record of Briefing.....	46

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

1.0 Project Overview

1.1 Project Details

Location (Project Address)	Cefn Isaf Flats, Pontycapel Road, Cefn Coed Y Cymmer, Merthyr Tydfil, CF48 2RA
Type of Works	Demolition
Project reference	PC0547
Client	Merthyr Valley Homes
Principal Designer	RPA – James Owen
Principal Contractor	Prichard Demolition
Prichard's Start date	TBC
Programme Length	16 weeks

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 2002
- Care Of Substances Hazardous to Health Regulations 2002
- Provision and Use of Work Equipment Regulations (PUWER) 1998
- Lifting Operations and Lifting Equipment Regulations (LOLER) 1998

1.1.1 Surveys and Reports

Survey Type	Reference Number	Carried Out By
Pre-demolition structural survey	19101/JZ/TS/D003	Shear Design – Tony Spencer
Structural inspection for demolition	INT24136/KJ/01	Introduo – K Joseph
Asbestos removal documentation	Asbestos has been removed from the structure previously; all removal paperwork has been issued.	

1.2 Management of the Work

Management structure & responsibilities	The operations will be supervised by a suitably trained and qualified Site Supervisor.
Health & safety goals & their management	The aim to have no RIDDOR incidents and no incidents. Near misses will be reported to ensure they do not elevate to more serious issues. Ensuring information share is paramount and all designers are kept informed of progress and change if it occurs.
Regular liaison between parties on site	Regular liaison shall take place with the Client, Principal Contractor and Prichard's to ensure matters of health and safety on site are regularly discussed and in particular the movement and delivery of heavy vehicles and interface with pedestrian routes
Consultation with the workforce	Weekly engagement with the workforce to discuss the project the process and the effectiveness of PPE and RPE provided. Engagement with the workforce to encourage open conversation on health and safety the management of and effectiveness of the RAMS on the work face. Regular discussion on wellbeing and the provision of welfare and general site conditions etc.
The exchange of design information	Prichard's are contracted by Merthyr Valley Homes, all documentation and design if applicable will be provided upon request or within a reasonable time Merthyr Valley Homes and all other relevant parties for information and comment. Prichard's will update the client on any aspects of the design which may be affected from discoveries made on site.
Handling design changes during the project	All information will be provided through Merthyr Valley Homes by Prichard's based on discoveries made on site – this information can then be tabled with the design team for discussion and design amendments.
The selection and control of contractors	Prichard's will only appoint sub-contractors who have passed our selection process via PQQ to ensure that our high standards of safety and quality are upheld – this PQQ is based on PAS 91
The exchange of health and safety information between contractors	Sub-Contractors will provide suitable and sufficient Risk Assessments and Method Statements to Prichard's for the works they are undertaking. All Contractors working on Prichard's areas of control will undergo a Site-Specific Safety induction and will be expected to attend daily site briefings at the start of each day.
Site induction	Formal Site induction will be undertaken by Prichard's Site Induction will also be carried out by Prichard's Site Orientation method statement briefing by Prichard's site manager. Daily Safety Briefings will be undertaken at the start of each day.
On Site Training	In addition to site inductions, onsite training will be provided for all personnel. This will take the form of toolbox talks, site walk arounds, and task briefings to ensure that all operatives receive the training required to undertake their works safely. Further, formal training is given in accordance with our training matrix (available on request) and managed by our in-house training manager. The training matrix gives an accurate overview of all training received by an operative allowing the supervisor to see at a glance what the operative is qualified to undertake.
Covid – 19	Prichard's have a robust CV19 response policy and process including measure to prevent the spread of COVID-19. This will be briefed to all on site along with reminder posters and regular toolbox talks. Additional measures such as staggered breaks, minimal numbers in welfare areas and social distancing will also be in place.

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

1.3 Control of the Works

All work will be undertaken by qualified competent persons with experience of the type of work described in the scope, and in all cases in full accordance with safety procedures specified in the company's health and safety policies, industry best practice and legal requirements.

The work activities described within this document and all associated safety measures are not to be deviated from in any way.

If, for any reason, the controls cannot be implemented in full or should the described process be found inadequate for the purpose of providing a safe working environment, the affected activities must cease until such time as the activity has been assessed.

1.4 Welfare facilities

The site compound will consist of an office, welfare cabin toilet facility, drying facility and storage cabin with COSHH deck. This will be setup within the heras fencing compound, welfare facilities will be located at the bottom end of the site within the carpark, welfare will be fenced off from the surrounding area using heras fencing and pedestrian barriers. The site stores container and COSHH deck will also be in this area.

Refer to site plan below for location:

1.5 First Aid

The 1st aid treatment point will be identified during site induction, all injuries regardless of extent **MUST BE REPORTED**. Reporting a minor injury could stop a major injury or fatality from occurring.

In the event of an accident occurring the site supervisor will:

- Call the emergency services, as necessary.
- Assess whether the casualty needs to be moved.
- The Supervisor / Appointed First Aider will administer first aid as appropriate and then contact the emergency services.
- Once the casualty has been treated / stabilised, contact the H&S Manager and Contracts Manager
- Investigate the incident, after the casualty has been treated,
- The emergency services may require site-specific information
- All interested parties will be advised and kept informed of all developments.

1.5.1 Accident reporting and investigation:

Refer to Document number CD-B004 for full policy:

Accident - An accident is a single event or a sequence of events that have caused harm, damage or financial loss.

Incident - An incident is an occurrence, a single event or a sequence of events that has the potential to cause annoyance, alarm, harm, damage or financial loss. Unlike an accident, the incident has not developed sufficiently to be considered a near miss or an accident. An incident should not be referred to as a 'Near Miss'.

Near Miss - A Near Miss is a single event or a series of events that have the potential to cause an accident, the reason why an accident has not occurred is more about luck rather than good fortune. An example is a failed lift where an item has fallen from height narrowly missing a person below.

Reporting - All accidents, Incidents and near misses must be reported using the appropriate form.

Timescales for reporting accidents are as follows:

- Within 3 hours – Accident is to be reported to the H&S department – either by telephone or email (depending on the severity of the accident/incident)
- Within 48 hours – Accident form along with any witness statements, additional evidence (photographs etc) are to be sent via email to the H&S department

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Once reported, it may be necessary to hold an investigation. The level of the investigation will be determined by the level of seriousness of the event.

Investigation - All accidents and near misses will be investigated by the Health and Safety Department.

The level and depth of the investigation will be determined by the seriousness of the accident or near miss. Accident and Incident Investigation reports will form the basis for any remedial action required to prevent a recurrence of the event.

All accident investigation reports will be retained on file for a period of 3 calendar years

1.6 Production and approval of risk assessments and SSOW's:

Refer to document number – CD-B003 for full policy:

Following a full review of the available site information and a site visit, a full suite of risk assessments and method statements are completed, these are kept under constant review to ensure that all activities undertaken on site are do so in a safe and considered manor. Risk assessments are reviewed as in accordance with the management of Health And Safety At Work Regulations 1999 and operational need.

The person undertaking the initial assessment will specify when the assessment is to be reviewed (**12 Months unless significant site change determines greater frequency**) and will keep this under review depending on the type of activities being undertaken.

Reviews will be undertaken where there is a significant change likely to affect the suitability or the sufficiency of the assessment.

Typical indicators of a significant change include:

- Changes in operatives.
- On employment of a young person affected by the risks.
- Changes in management responsibility.
- Reorganisation or restructure.
- Reconfiguration of operations.
- Relocation of operations.
- Introduction of new plant or equipment.
- Introduction of new processes.

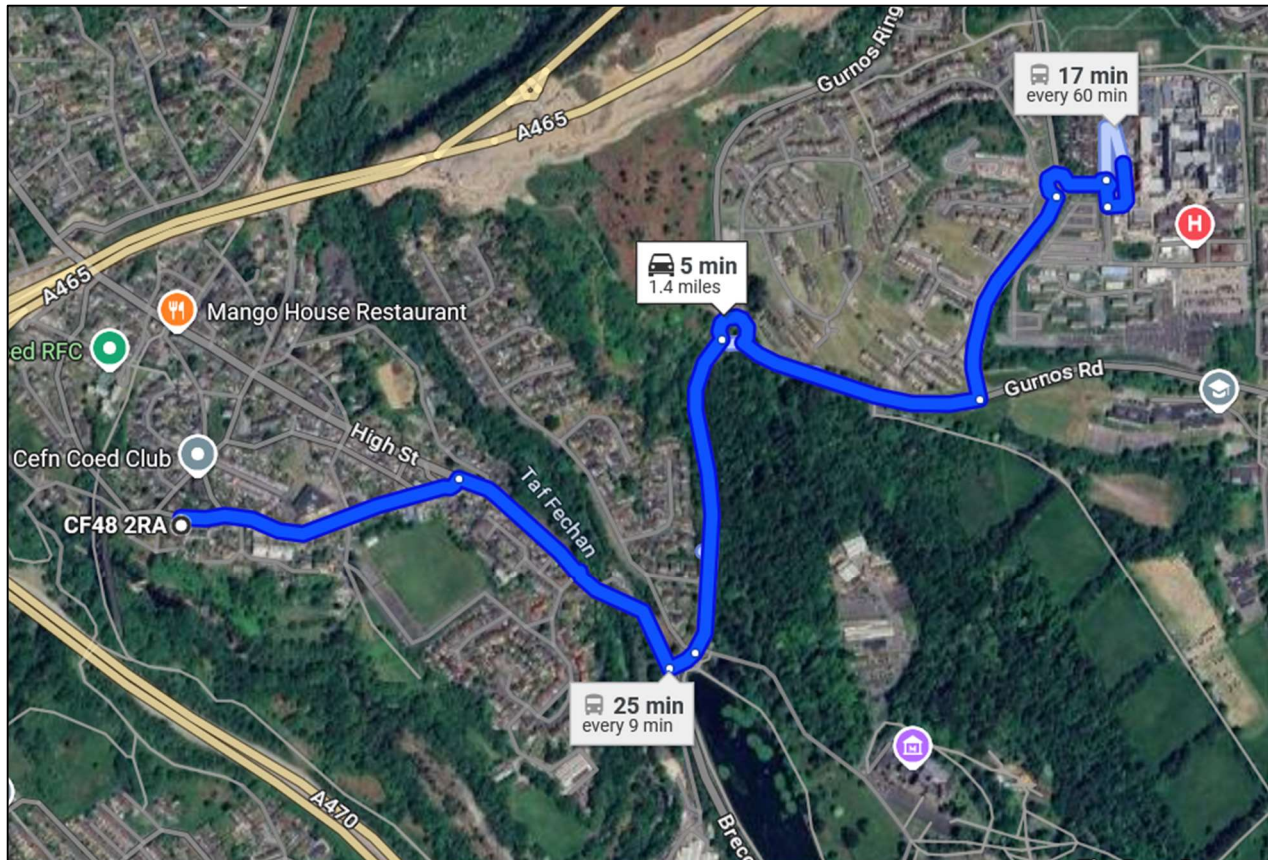
Post Incident or Event Reviews:

Reviews will be undertaken following:

- An accident.
- A near miss.
- Any incidence of ill health associated with work.
- Adverse health surveillance reports.
- As directed by the competent adviser or competent person undertaking the initial assessment.
- External reports of incidents that may impact on the suitability or sufficiency of our assessments

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

The Nearest Hospital is with an Accident and Emergency department is – [Prince Charles Hospital – Telephone - 01685 721721](https://www.princecharleshospital.co.uk/)



5 min (1.4 miles)



via Gurnos Rd
Fastest route

CF48 2RA

Pontycapel Rd, Cefn-coed-y-cymmer, Merthyr Tydfil

↑ Head east on Pontycapel Rd towards Wern Road

1 min (0.2 mi)

↗ Turn right onto High St/A4054

[Go through 1 roundabout](#)

50 sec (0.3 mi)

> Continue to Gurnos Rd

59 sec (0.3 mi)

↻ At the roundabout, take the 3rd exit and stay on Gurnos Rd

1 min (0.3 mi)

> Continue on Gurnos Rd to your destination

2 min (0.3 mi)

Prince Charles Hospital

Gurnos Rd, Merthyr Tydfil CF47 9DT

1.7 Fire and Emergency Procedures.

Suitable and sufficient firefighting equipment will be located across the site and clearly identified.

All electrical equipment has been inspected and tested.

The muster point in case of fire or an emergency will be identified by Prichard's at site induction and using signage

Smoking or any type of naked flames is not permitted on site.

Smoking is permitted in designated smoking areas ONLY the smoking point will be identified by Prichard's at site induction.

1.7.1 Emergency Action

In the event of a FIRE the following actions are required:

- Priority is to ensure that in the event of an emergency situation, all personnel can be evacuated immediately to a safe area.
- ALL operatives on hearing the alarm (verbal/audible) are to immediately proceed to power down all site equipment and evacuate the premises by using the fire exits furthest away from the fire.
- The site supervisor will contact the emergency Services,
- The site supervisor will perform a roll call, and assist the emergency services when arriving and inform them if anyone is missing and provide any additional information that may be required
- Comply with site rules as required.

1.8 Control Of Substances Hazardous to Health (COSHH)

Suitable COSHH assessments and (Where applicable) Manufacturers Safety Data Sheets (MSDS) will be provided to site within the Site Management Pack.

Items of COSHH will be controlled using the COSHH Hierarchy of Control to ensure that the COSHH materials used or generated on site are those that present least risk and are controlled in a suitable and sufficient manner

1.9 - General Site rules

- Always sign in and out of site
- Do not start work until you have received a site induction, have read, understood & signed your RAMS
- Turn up for work fit and not under the influence of drugs or alcohol. (Prichard have the right to randomly test anyone who is suspected of this)
- Wear the correct PPE for site at all times and look after it.
- Wear task specific PPE
- Keep sites tidy
- Follow pedestrian routes and walkways
- Report any damaged fencing or barriers
- Behave reasonably and be courteous to public and other team members and not be disrespectful to neighbours by shouting or using foul language
- Anyone found taking anything from site without permission will be disciplined and may be dismissed.
- Report any incidents or accidents to your supervisor
- Report anything unsafe to your supervisor
- Talk to your Supervisor If you feel a task is not safe to be carried out.
- Keep to speed limits at site (Beware of others)
- Do not use mobile phones unless in a place of safety.
(Especially while driving)

**HELP KEEP SITES SAFE & TIDY TO WORK IN –
ANY PROBLEMS, LET YOUR SUPERVISOR KNOW**

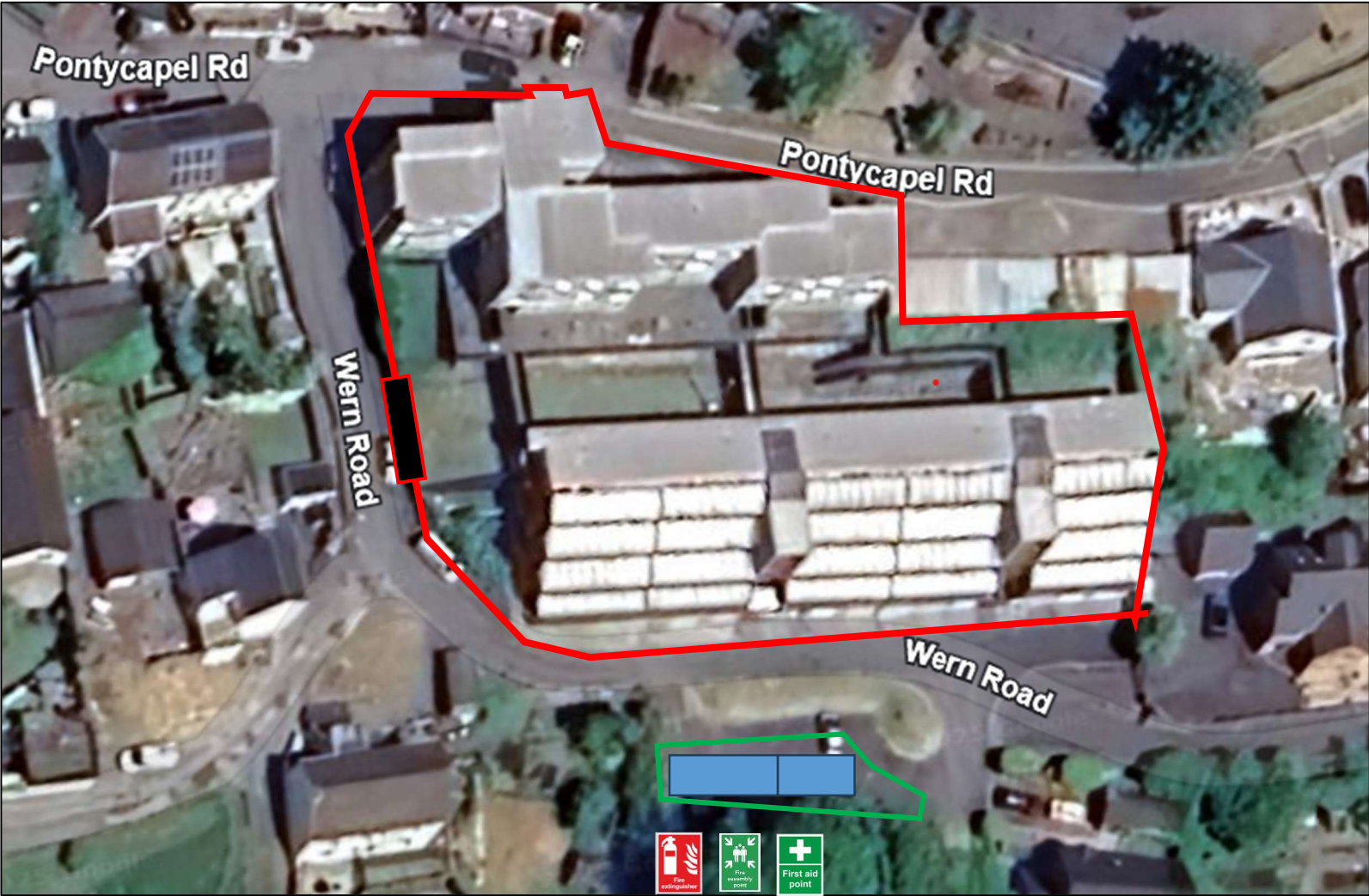
Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

2.0 Prichards Project Scope

- Establish site – set up heras fencing, begin erection of solid timber hoarding/heras fencing, establish welfare and check service disconnections.
- Undertake thorough de-lap survey of the surrounding area and add to site folder.
- Erection of demolition scaffolding
- Soft strip of buildings
- Removal of glazing to lower block of flats
- Creation of site access and installation of stone ramp into courtyard area
- Demolition of footbridges and stockpiling of material
- Demolition of upper block down to top of slab
- Demolition of lower blocks to top of slab
- Removal of retaining walls
- Removal of floor slabs
- Grading of land to match adjacent levels
- Demobilisation from site

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

2.1 Site Plan



- Solid steel Hoarding
- Site Entrance
- Welfare Unit
- Welfare Compound
- Location of fire extinguishers
- Assembly point
- First aid point

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

3.0 Planning and Preparation

3.1 Resource

- Prichard's to appoint a suitably competent site supervisor
- Introduce Site Supervisor to the project delivery team
- Mobilise plant, Skips/Lorries, PPE deliver to site

3.2 Site Security:

The site is located within a busy residential area with houses on all sides, some anti-social behaviour has been experienced on the site however the building is currently secured using steel security shutters and CCTV. The current security measures will be phased out over the course of the demolition works in lieu of solid steel hoarding which will supplement the existing fencing and heras fencing.

The site will have a pedestrian gate and double vehicle gate which will be padlocked shut when not in use. The vehicle gate will be manned by a banksman when in use.

The site will be signed 'Demolition Keep Out' and will be fitted with the supervisor and Contracts managers contact details for emergency use.

As the site opens up, site entrances will move and pedestrian routes will change, these will be updated via the site plan displayed in the welfare facilities and will be identified to the site operatives via daily briefings undertaken by the supervisor.

3.3 Delivery of plant



Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

All heavy plant will be delivered to site via Cyfarthfa Gardens and will cross over the verge between the new tarmac play area and carpark and Godrer Coed Road, excavators will then track up the road and onto Pontycapel Road. All steel tracked machines will run on tyres which will be laid down in front of it as its travels under banksmen control. Where possible however, rubber pads will be fitted to the steel tracks to protect the road as the machine travels.

All other transport will gain access to the site via Pontycapel Road which feeds from the A4054

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 Prichard's 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 and must call ahead before arrival to allow banksmen to man the site entrance gates.

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.

3.4 Delivery of materials

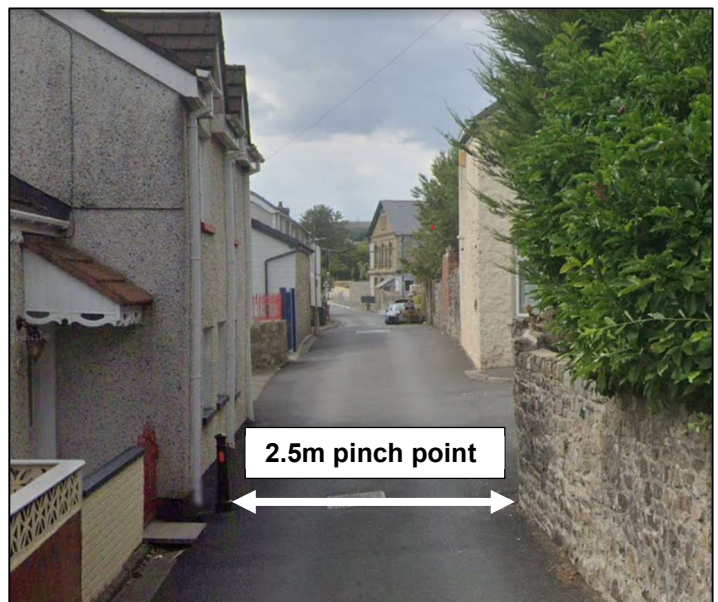
Deliveries will be made during site hours (08.00hrs to 18.00hrs) however, the key times of the nearby Ysgol Y Graig primary school will also be taken into account to ensure that no HGV's are passing the school gates during their key times, the peak commuter times will also be avoided where possible to ensure that disruption to our temporary neighbours is reduced.

Prichard's will be manning the main gate – all deliveries must call ahead before arrival.

The Marshal will attend the delivery/collection and escort to lay down area or COSHH area (Diesel Deliveries)

All delivery consignment notes will be collected by Prichard's and issued accordingly.

Tipper lorries for the collection/delivery of hardcore materials from site will be staggered and in the control of Prichard Demolition to ensure that no vehicles relating to the demolition works are waiting on the surrounding roads risking disruption and a hazard to public safety.



Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

- On arrival, the driver will inform the Site Supervisor of the delivery. Traffic controls will be in place to prevent drivers proceeding directly onto site.
- All delivery drivers will adhere to site rules regarding PPE.
- The delivery will be escorted to the site entrance in accordance with the site Traffic Management plan, through the traffic cones and to the access route onto site.
- A site speed limit will be in force on site as per the site Traffic Management Plan but additional care and attention is required whilst operating around other site traffic.
- All reversing vehicles on site will be supervised by a Banksman once unloaded / loaded the delivery vehicle will be escorted back to the site main exit point.
- 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
- Transport will turn off engines when stationary and will not park up outside the site during operations.
- Toolbox talks will be given to ensure the safe passage of operatives and reducing the exposure to moving plant as far as reasonably practicable. All delivery drivers will receive a short but concise induction by Prichard's 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.
- All delivery drivers will adhere to site rules regarding PPE.
- A site speed limit will be enforced by Prichard's on site
- 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 within the lay down area.
- The Site supervisor will have overall control of all traffic movements to and from site.
- Pedestrian and plant/vehicular movements will, where possible 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'.
- In the event that access, and egress points change re-induction to site operatives will be undertaken accordingly.
- All Prichard's employees and 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.

3.5 Traffic Management

All Prichard's vehicles and plant will adhere to the site traffic management plan as agreed with the Client. 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 Prichard's 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.

The site supervisor will regularly inspect the approach roads to ensure that access and highways will be kept clean and debris free of site contamination mud and dust.

Where required, a road sweeper will be called in to clear the highway of any excessive debris

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

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

3.6 Confirmation of Services Disconnection

No demolition work will commence until Prichard's receive service disconnection certificates from all the relevant Service Providers, there are known live services on site.

3.7 Ecological Constraints

Ecological survey report number JM1921 undertaken by Just Mammals has identified a bat accessing a cavity beneath the concrete staircase of the top block of flats, 2No bat boxes will therefore be erected in line with the recommendations of the report. During the demolition works, should any birds or bats be sighted within the structure, Prichard's will halt works and make the Client aware.

A decision will be made as to what action is required. The final decision will rest with the Client following discussion with their appointed ecologist.

Throughout the works, to mitigate against light pollution and disturbance of light sensitive species, if required, any lighting which is left on at night will be selected in partnership with the client and the clients designated ecologist.

Pre-Start Ecologist Toolbox Talk (if Required)

3.8 Environmental Impact

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

08.00 to 06.00 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 will be limited as far as possible during the demolition phase and, will be used on ground floor slabs and large sections of concrete such as the foot bridges where a pulveriser cannot be used due to the size of the concrete sections/shape of the item being broken. The hammer will be used to break the larger sections into pieces, allowing the pulveriser to then be used.

Dust will be controlled using a dust boss mist cannon unit fed from a near-by metered fire hydrant. The mist cannon will be used during the demolition works to mitigate dust emissions from the site as far as possible, further mist cannons will be brought to site if required, subject to weather conditions and materials being worked upon.

The site supervisor will monitor dust emissions daily and respond accordingly to wind change and/or prolonged spells of dry weather.

Surrounding drains and outfalls will be surveyed during the dilapidation survey undertaken during the first days of the works, any drains that are noted to be vulnerable to the ingress of demolition debris/dust will be lifted, a filter sock will then be installed and the drain cover will be laid back in the opening, the filter sock will then allow the surface water to pass through, catching the dust/debris and preventing it from going into the water course. The filter will be checked and changed regularly to ensure dust contaminated discharge does not occur to the surrounding drains.

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

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 Prichard's who will address any issue that arises so that the complaint can be quickly recorded, and the resident visited, and complaint closed out.

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

3.6 Personal Protective Equipment Required

Type	Standard	To Protect Against	
Hard Hat	BS EN 397	Head Injuries caused by falling objects Head Injuries caused by hitting head on structures or plant	
Gloves	EN388 (+Cut Rating 3 for general site tasks)	Moderate cut hazards caused by sharp materials.	
	EN388 (+Cut Rating 5 for sharps works)	Extreme cut hazards. These gloves are used for jobs that involve very sharp blades	
High Visibility Clothing	BS EN 471	Ensure that operators can be easily seen by vehicle and plant operators	
Safety Glasses/Goggles	EN166	Air Borne debris and high-speed particles. Standard for general demolition / site work Impact Resistant when using Stihl Saws / Breakers	
Protective Boots	EN ISO20345	Foot injuries Steel Toe Cap and Reinforced Mid-Sole. Rigger Boots are not permitted	
Hearing Protection	EN352	Short term and Long-term Hearing Damage / Hearing Loss	
Tight Fitting Face Mask	FFP3	Inhalation of dust particles from construction activities	

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Coverall	Type 5 / 6 Coveralls	Contamination to clothing including from ACMs	
Kevlar "Sleeves"	ANSI Cut Level A4	Soft stripping of glazing / glass panels	

3.7 Plant and Equipment to be used

(Valid certificates (where applicable) must be supplied with any equipment to be used)

Equipment to be used	Safety Precautions Required
Skips and Loaders	Only to be operated by licenced driver Obey traffic management plan Banksman to control movement – particularly reversing
Mist Cannons, as appropriate	Daily operator prestart checks to be undertaken at the beginning of each shift
Hand Tools, Stihl Saw, breakers	To be "in date" for all inspections Daily operator prestart 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 prestart checks to be undertaken at the beginning of each shift 110 volt supplies only
Attachments	To be "in date" for all inspections Daily operator prestart checks to be undertaken at the beginning of each shift
8-30 Ton demolition specification excavators	Only to be operated by licenced operator. To be "in date" for all inspections Daily operator prestart checks to be undertaken at the beginning of each shift Demolition machines to be fitted with FOGS (Falling Object Guard Screen) cab to protect operator.

Prichard Holdings Ltd	Issue Status:	Issued
Document Reference:	CD-A003	Revision No.: 3.0
Document Type:	Controlled Document	Issue Date: Jan 25

4.0 Methodology of the works and Technical Content

4.1 Methodology

Demolition Structural Survey: Hold Point, No works to take place until a Pre Demolition Structural Survey has been carried out, if a survey has not been supplied at tender stage, Prichard's will instruct for this survey to be carried out, these RAMS will then be updated if required from the findings of the survey.

Soft Strip

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.

There is a Risk Assessment for Soft Strip and General Activities that are to be read and form part of this document

Hot works: Disc Cutter, Hot Work Permit to be issued by Prichard's

There will be some occasions where hot works is required using a disc cutter and flame cutting equipment.

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 vapors 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 the buildup of any toxic or flammable fumes from the hot works.

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

Any person 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.

In most cases on client's premises, a Permit to work' will be issued. The contents of the permit must be followed at all times and signed off once the work has been completed.

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.

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Where possible, to minimise the risk of cut injuries, glazing units will be removed using the demolition excavator and its grab attachment, to minimise the risk of material being ejected from the site during the demolition of the lower blocks, the polycarbonate glazing system covering the walkways will be removed by hand pre-mechanical demolition.

Operatives will use sledgehammers, mattocks, nail bars to remove any remaining fixtures and fittings, where cutting of pipes and brackets are required, the Stihl 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.

4.1.1 Removal of Waste from building during soft strip

Operatives will use two methods for the removal of waste.

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

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

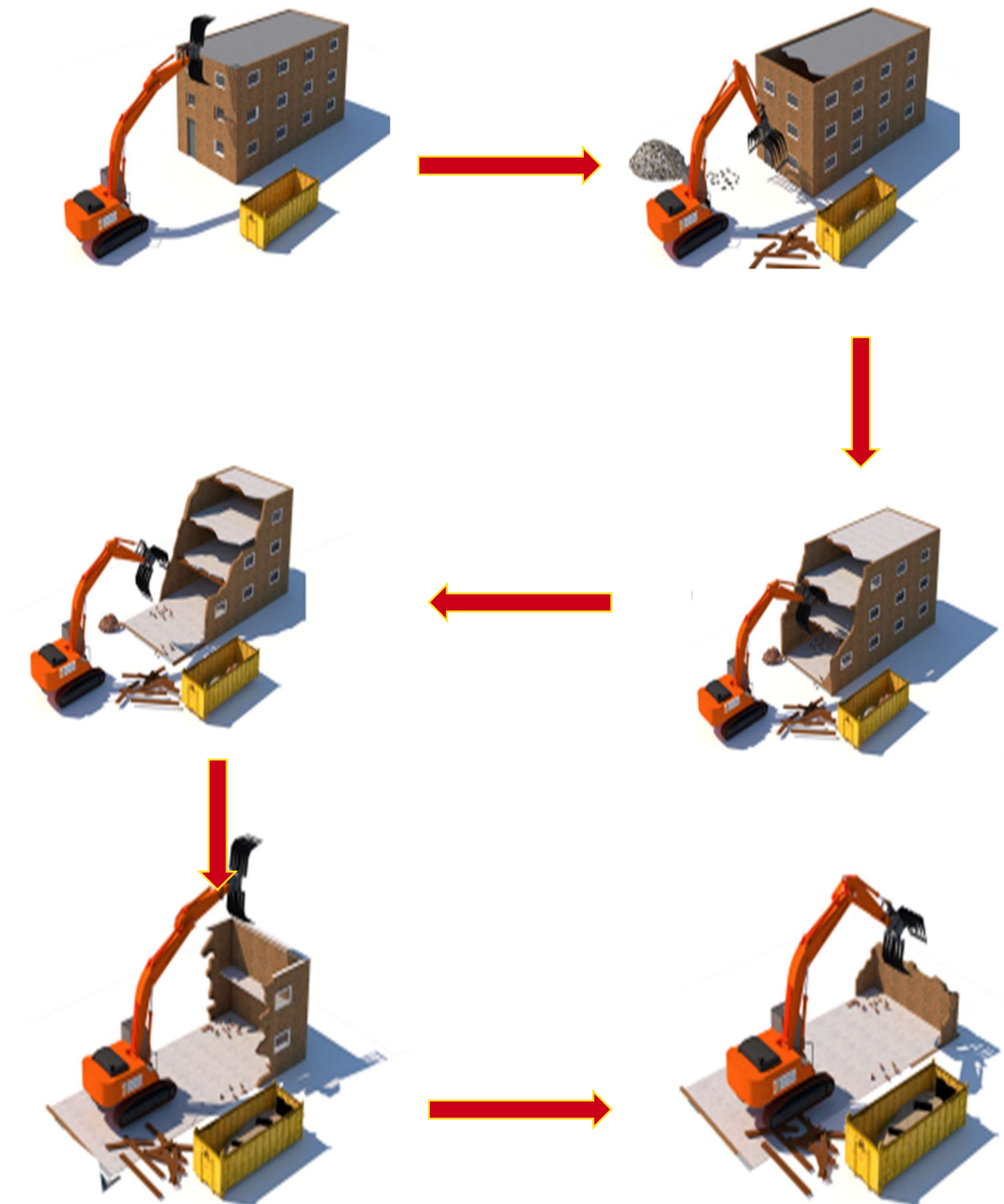
Waste shall be dropped into an appropriate area, if possible, a skip will be placed in the drop zone so the waste can go straight into the skip, on occasions this is not possible so the waste will be dropped into the drop zone and then loaded away into the correct skips. Whilst we appreciate that this 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).



Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

4.1.2 The Principles of “Top Down” Demolition



Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

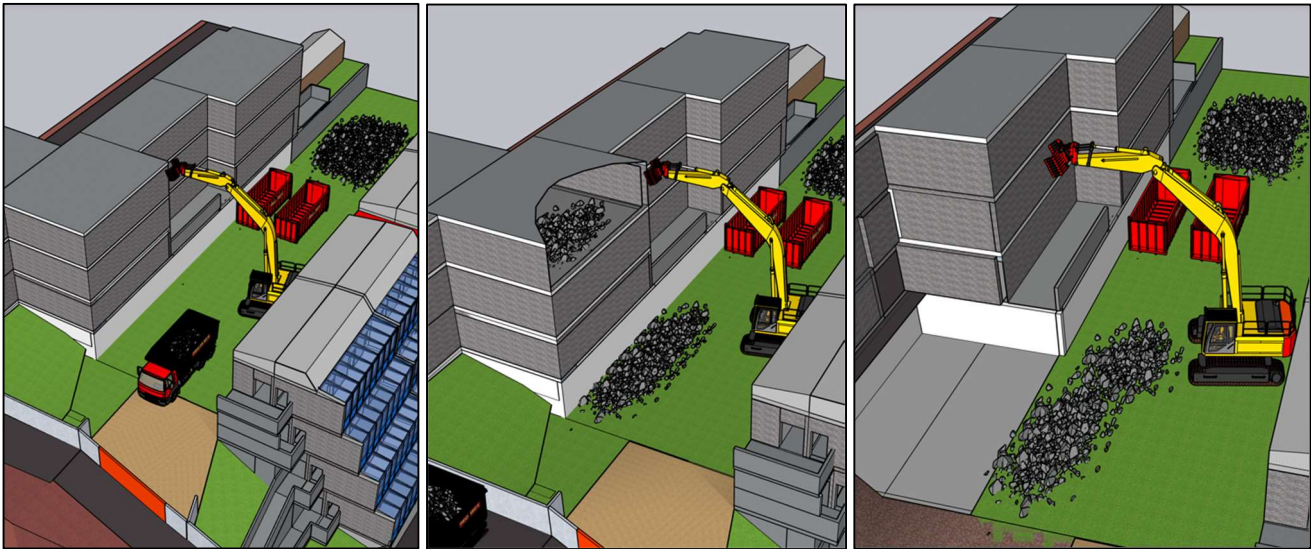
Asbestos removal:

During the course of the works the supervisor will remain vigilant for the presence of unidentified asbestos materials, if any materials are discovered works in that area will stop immediately and the client will be notified.

Demolition sequence:

Once the site entrance has been formed, the demolition excavator will be brought to site with its hydraulic attachments including grab, hammer and pulveriser. The excavator will then remove the foot bridges inside the courtyard area, allowing waste skips to be brought to site for the loading out of segregated waste materials.

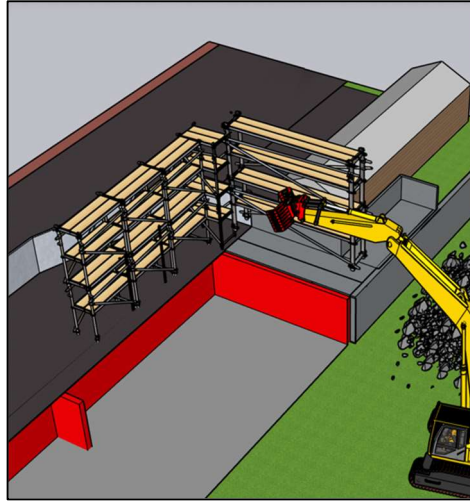
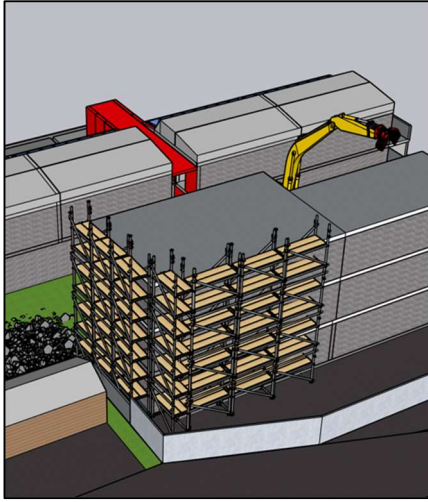
Where required, hardcore material will remain on site to be used as a ramp to gain height on the building, any excess material will be removed using 8 wheeled tipper lorries. General waste material will be loaded into 40-yard waste skips for removal from site, where possible, the concrete pulveriser will be used in leu of the hydraulic hammer to minimise noise emissions from site.



The demolition excavator will work across the rear of the top set of flats first, working from the top down to remove the concrete roof and the wall closest to it, allowing waste material to be pulled off the internal floors to prevent overloading.

Demolition will progress across the entirety of the back of block one until the retaining wall is reached. To maintain a clean and safe working area, waste will be progressively loaded into tipper lorries and 40-yard waste skips and removed from site, avoiding peak traffic times (8:00-9:00 and 15:00-16:00) for the nearby primary school and surrounding business. Lorries will be staggered to avoid any waiting on the highway.

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25



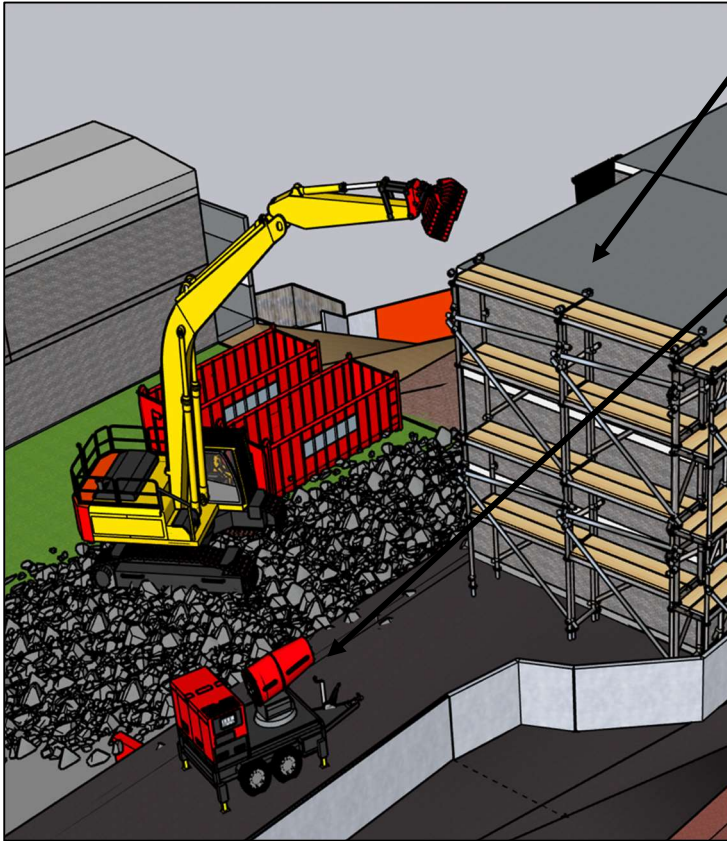
For protection of the highway and the adjacent garages, a designed demolition scaffolding will be erected and will be mono flexed sheeted before demolition to act as a debris screen, to maintain stability of the scaffolding during the demolition works, as the building is being demolished, scaffolding will be progressively stripped.

On completion of demolition of this section, the scaffolding will be removed completely.

Access will be maintained to the adjacent garages throughout the demolition of this section.

Red walls denote retaining walls which will be left in place to support the road behind, any walls that connect into these will be shaped into a buttress to give additional support (structural engineer input)

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25



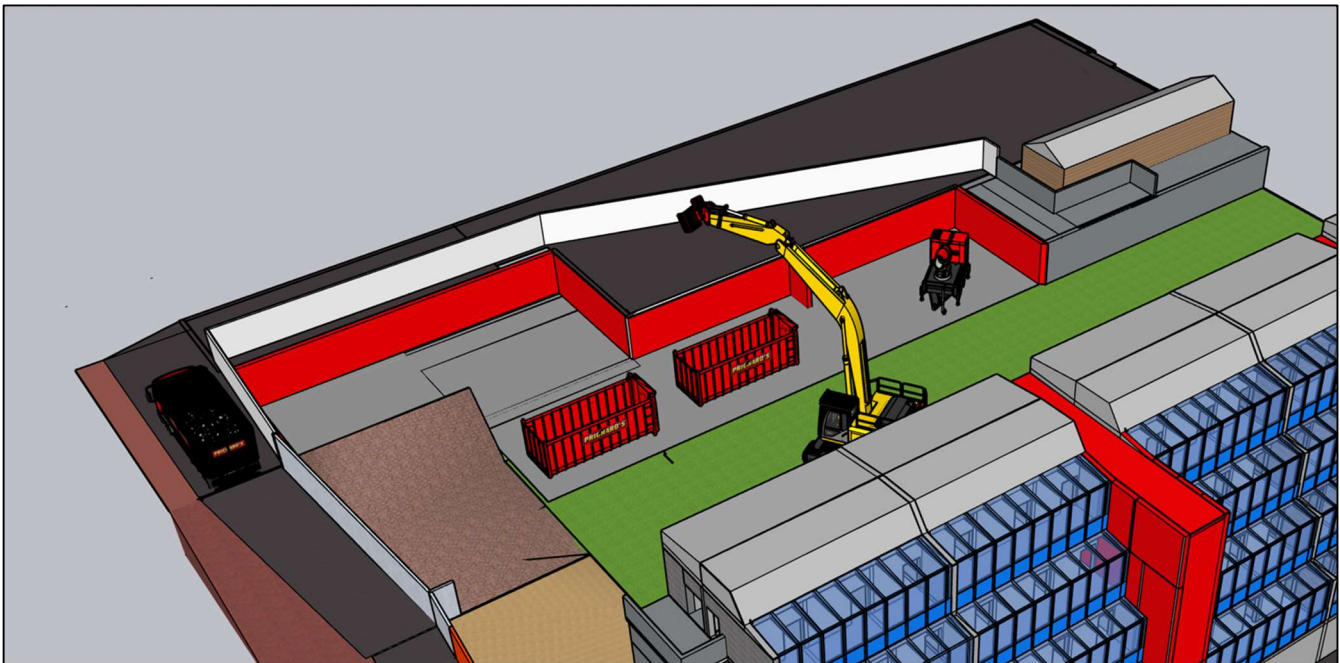
Scaffolding will be erected around the next block being demolished due to its proximity to the road; to gain height on the building, hardcore material will be used to form a ramp for the excavator.

Water mist cannons will be used around the site to suppress dust emissions fed from a metered fire hydrant.

Following the above format, the remaining building will be demolished from the top down, all material will be pulled inwards away from the road, with scaffolding being progressively stripped to prevent instability.

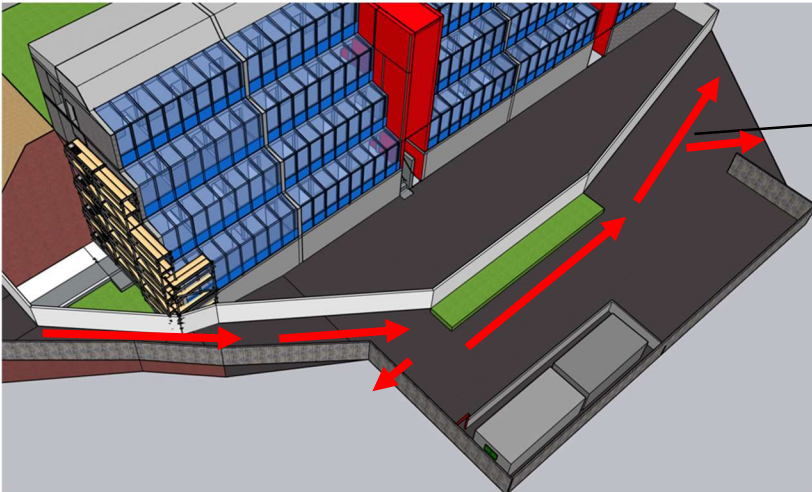
Once the superstructure has been demolished, the floor slabs will be removed – leaving in place the retaining walls – (red marked wall position for illustration only, TBC at demolition stage) Before progressing onto the lower blocks, all waste will be

removed from site.



All HGV movements will be in strict accordance with our approved traffic management plan – all deliveries must call ahead; lorries will be staggered and will be banned from waiting on the highway. All lorries entering and exiting the site will be accompanied by a vehicle banksman.

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25



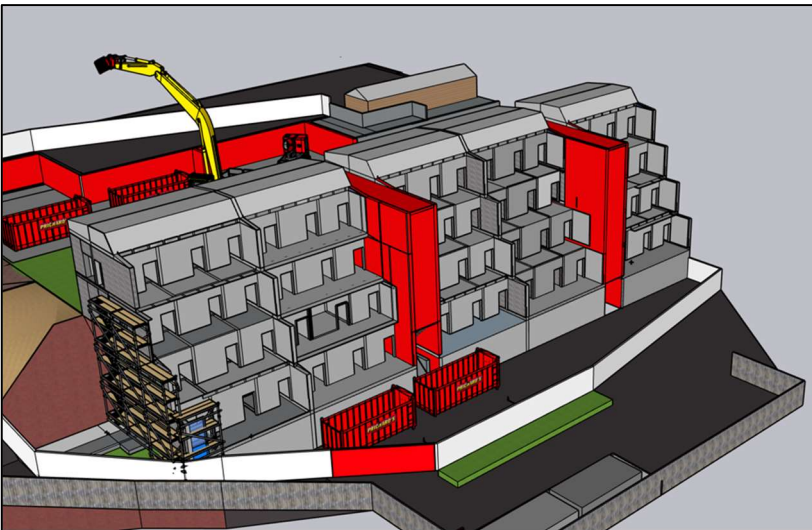
Fencing moved out and scaffolding erected for safety – residents' traffic to follow red arrows

Our supervisor will liaise with the adjacent properties to ensure that access is maintained throughout the works.

To prevent debris exiting the site, the polycarbonate and glass system at the front of the blocks will be removed leaving bare concrete. Working from the concrete walkways beneath the polycarbonate sheeting, operatives will work from aluminium scaffolding towers, using hand and power tools to dismantle the glazing system in reverse of assembly, removing the beading first, then the poly carb and then the frame, ensuring that no section being cut/removed is excessive in size or weight.

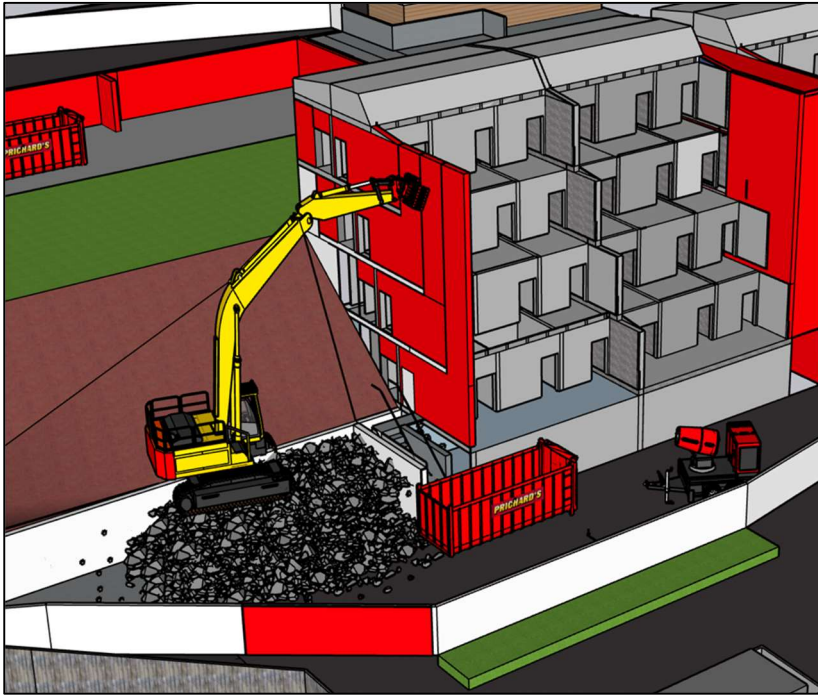
Prior to demolition of the bottom blocks, a further site entrance will be created at the bottom of the site (red highlighted)

(Red walls denote shear walls of the stairs).

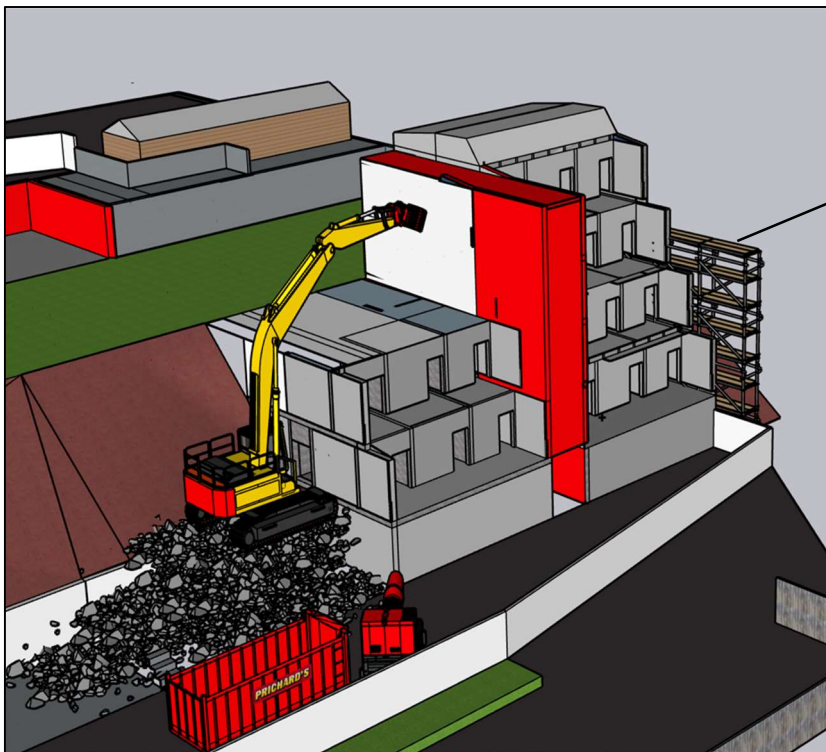


The excavator will work from the rear courtyard to demolish the top two floors first, breaking the floors through, allowing hardcore to fill the voids below, retaining walls will be exposed and removed allowing demolition to progress downwards until the block is removed. Hardcore will then be used as a pad, allowing the machine to progress through the building side on.

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25



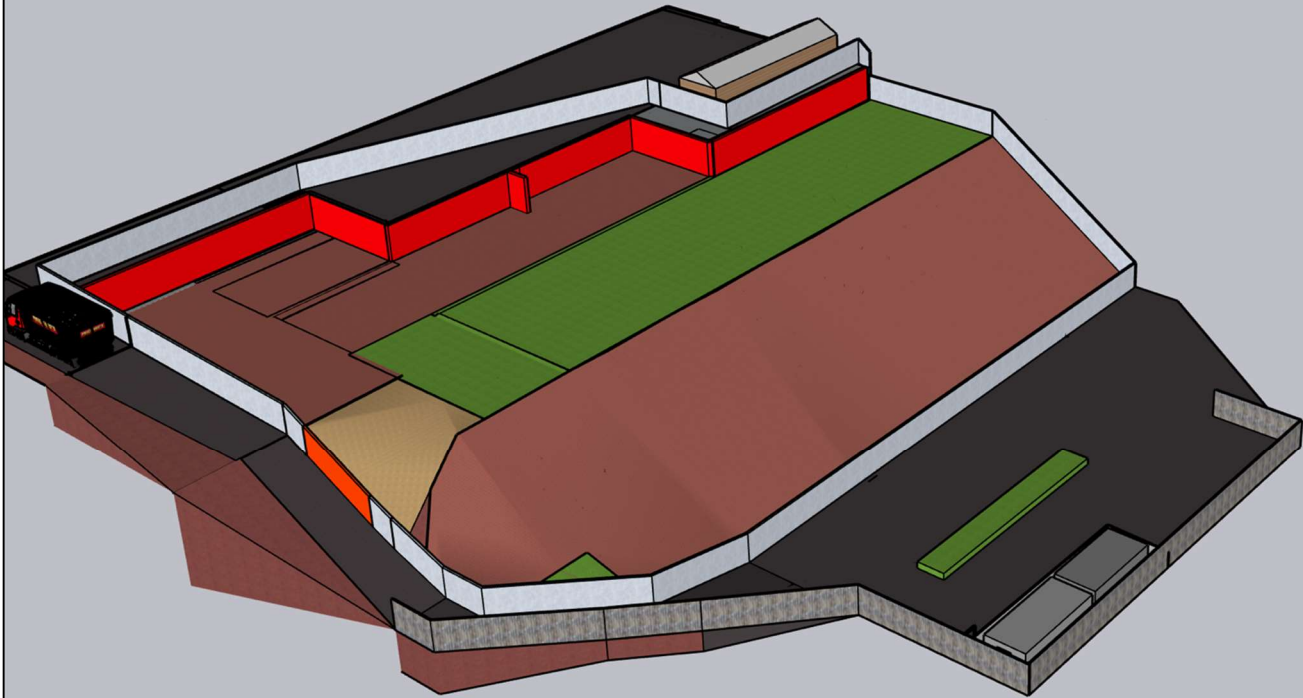
Demolition will be stepped as shown, working from the top down to maintain stability of the building, as works progress hardcore will be used as ramp to maintain height. Excess will be removed via tipper lorry.



Designed demolition scaffolding erected to act as a debris shield – scaffolding will be stripped progressively to make sure that no more than two lifts are left unsupported at any one time.

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Anticipated layout of completed site



On completion of the demolition, the site will be battered from the courtyard down to the tarmac at the base of the lower block, all retaining walls will be removed, aside from the red marked walls which will remain in place to retain the road.

All materials will be removed from site via tipper and hook loader lorry, to reduce disruption to surrounding properties and the nearby primary school as much as possible, lorries will be staggered to prevent the need for waiting on the surrounding roads.

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

4.2 Environmental Monitoring

Throughout the project, general environmental monitoring for noise and dust will be carried out.

The Site Supervisor will undertake visual monitoring of dust levels from the project in order to ensure dust suppression is deployed in the most effective manner.

4.3 Disposal of waste

Throughout the project, waste derived from the demolition (soft strip and mechanical) will be segregated into type, stockpiled, or deposited directly into waste skips (dependant on space)

As space allows, stockpiled waste will be relocated to waste skips.

All waste will be removed from site by skip and delivered to a designated Prichard's recycling site.

Consignment notes will be held for all waste removed from site.

4.4 Demobilisation of plant

On completion of the project the Project Manager will confirm all work is completed satisfactory and all plant and equipment can be inspected, off hired, and returned to the storage yard or to another site.

All plant will be collected at a pre-determined time and removed accordingly on low loaders.

5.0 Arrangements for controlling significant site risks

Should the method or works significantly alter the Method Statement will be amended and re-submitted for approval prior to works proceeding

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Delivery and removal of materials (including arising waste) and work equipment taking account of any risks to the public, for example during access to or egress from the site	The area will be restricted by boundary fencing consisting of heras fencing and solid steel hoarding. Removal of material will be via Prichard's transport Site boundaries will be inspected on a regular basis to ensure that members of the public or other unauthorised persons, particularly children cannot gain access to the works areas. Signage will also be erected on fencing to ensure the persons are aware of the dangers of our site operations. No plant or equipment is to be operated outside of the site boundary, with all works being carried out from within the site demise.
Dealing with services - water, electricity, and gas	Service drawings will be provided by the Client where held. Prichard's will Cat & Genny scan all areas before works commence All ground works will be carried out under permit to dig / permit to break ground and in line with guidance from HSG 47
Accommodating adjacent land use	The demolition site is surrounded by live residential properties, with a tight road network leading to it, to access the site it will be necessary for all HGV's to pass the near-by primary school, all transport must therefore keep to the traffic management plan issued. To minimise the disruption that our works have on our temporary neighbours, there will need significant planning and liaison between transport and site supervision. Prichard's operate all of our plant and transport; therefore, this liaison will be much smoother. The lower elements of the site boarder access to residential properties and share a boundary, to minimise disruption, the site supervisor and the demolition contracts managers will strike a good rapport with the residents to ensure that lines of communication are open throughout the works.
Preventing falls	Falls from height will be eliminated by using heras fencing to secure open edges, followed by solid steel hoarding used to secure the site, when retaining walls have been removed, the ground around them will be battered down to reduce the risk of falls from height.
Stability of structures whilst carrying out demolition work, including temporary structures and existing unstable structures	Pre-Demolition Structural Survey is required on the buildings in order to identify areas that potentially need support to prevent uncontrolled collapse. Heras fencing and solid steel hoarding will be erected as site boundaries and drop zone partitions will be checked daily by the site supervisor and will be erected IAW manufacturer's instructions.
Control of lifting operations	Where applicable all lifting, equipment has been LOLER inspected by competent external personnel and certificates of thorough inspection will be supplied with our delivery vehicles.
Maintenance of plant and equipment	All equipment is checked at the beginning of the day and before use with a PUWER record book been kept for reference and information.
Work on excavations and work where there are poor ground conditions	Excavations will be strictly controlled on site and only open for the minimum time required.

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

	Where excavations are open overnight, they will be fenced off to prevent accidental or unauthorised access.
Traffic routes and segregation of vehicles and pedestrians	The site is located within the busy residential area of Cefn Coed Y Cymer and is accessed by the main road Pontycapel Road, alongside the residential properties, a primary school Ysgol Y Graig, also uses the route. Towards the end of the road is a narrow pinch point which makes the road unsuitable for low loader lorries carrying plant and equipment, an alternative route will therefore be provided for these, a robust traffic and pedestrian management plan will be in place throughout the works, with all HGV movements being planned in by the site supervisor and all vehicles having to call ahead before arriving to ensure that vehicle banksmen are available to escort them in within the minimum of disruption to users of the town centre.
Storage of materials (particularly hazardous materials) and work equipment	Lockable, Anti Vandal containers will be on site for the safe storage of materials. This will include a COSHH locker for the safe storing of hazmat
Any other significant safety risks.	Slips trips and falls - good housekeeping will be maintained where possible Clean as you go maintained with all walk routes kept clear at all times. In the event areas are found to be obstructed works will cease until the area is cleared.

The removal of asbestos	All known asbestos materials have been removed from the flats by previous works, If any previously unidentified asbestos materials are discovered, works will stop in that area and the client will be notified.
Dealing with contaminated land	In the event of contaminated land, works will stop until analysis of the contamination can take place and plans approved for dealing with contamination
Manual handling	Mechanical lifting will be undertaken wherever possible so to not expose our operatives to potential back injuries strains or permanent injury. All operatives hold manual handling training and are deemed competent to undertake manual lifting operations.
Use of hazardous substances, particularly where there is a need for health monitoring	Dust levels will be kept to a minimum by using best practice techniques. COSHH assessment and registers will be in place for all COSHH materials on site during the works and there will be a safe COSHH deck and storage facility for these materials.
Reducing noise and vibration	All plant and equipment used on site will be silenced as per manufacturer's designs. We have a fleet of up-to-date plant and machinery that is regularly maintained and carefully selected to be the most appropriate for the works being carried out considering also the surrounding environment. Machines are inspected daily to ensure amongst other things that noise suppression devises are in place and intact. Operators are not permitted to allow machines to sit idling when works are not in progress and nor will machines be operated outside of the working hours unless authorised to do so by the Principal Contractor Works will be carried out by trained and competent operatives using best practice techniques to minimize noise and environmental impact.

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Exposure to UV radiation (from the sun)	Where required, sun creams will be provided on site. Due to the nature of the works, staff will wear long sleeved clothing and full-length trousers. Site supervisor will deliver a toolbox talk on UV hazards.
Any other significant health risks	Needle stick injury or vermin – signs of rat infestation, bird activity or needle use will be checked prior to work commencing; if any of the signs are recognised work must stop until all necessary precautions have been put in place e.g., additional PPE.

The Prichard's site manager will check daily and if necessary, hourly, to ensure the works are progressing safely and in compliance with the Method Statement.

Senior Managers visits will take place at pre-start stage to hand the works over to the supervisor.

Prichard's Senior Managers will attend site unannounced during the works to view works in progress and engage in regular formal minute taken progress meetings.

Throughout the project, Prichard's Safety Team will attend site to undertake unannounced site safety audits which are in line with the Construction (Design and Management) Regulations 2015 and National Federation of Demolition Contractors (NFDC) best practice standards.

A bank of relevant Toolbox Talks are provided within the site file.

These Include:

- Excavations
- Groundworks
- Underground Services
- Safe Excavation Practices
- Housekeeping
- Ear Protection
- Eye Protection
- Construction / Demolition Dusts

Others are available should trends be apparent.

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

5.1 Safety risks

5.2 Health Risks

Appendix A: Risk Assessment

Risk Matrix

LIKELIHOOD OF OCCURRENCE (L)	CERTAIN	5	10	15	20	25
	PROBABLE	4	8	12	16	20
	POSSIBLE	3	6	9	12	15
	UNLIKELY	2	4	6	8	10
	IMPROBABLE	1	2	3	4	5
		NO INJURY	1 ST AID REQUIRED	LESS THAN 7 DAYS INJURY	MORE THAN 7 DAYS INJURY /LONG TERM ILLNESS OR INJURY	FATALITY/ LIFE CHANGING INJURY
	SEVERITY (S)					

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Task/Element	Potential Hazard	Those At Risk	Risk Rating (No Controls)			Control Measures To Be Applied	Revised Risk Rating		
			L	S	L x S = Risk Level		L	S	L x S = Risk Level
Deliveries and Collection of Plant/ Equipment	Crush injuries Toppling of Plant Mechanical Failure Contact with others (persons) Contact with other (plant) Damage to Surrounding Plant	Site Staff HGV Driver / Loader Others	3	5	15	Due to the tight road network leading to the works, all deliveries will be required to call ahead before arriving on site, large vehicles i.e. low loaders will be booked in for a specific time to ensure that their specific access route is as quiet as possible to avoid disruption to neighbours and the adjacent school, all low loader lorries will be escorted to site and accompanied at all times when unloading/loading. As soon as possible, a turning circle will be created inside the site to avoid reversing on the highway. Deliveries and Collection will be planned to avoid peak traffic times. Prior to being loaded onto low loader, plant is to be inspected and in date for all formal inspections Plant to be secured with ratchet strap, chains etc. at suitable fixing points. Process to be completed by trained and competent staff. Plant is only to be moved by competent person. Plant is only to be offloaded in a safe, flat location Operation to be controlled by Site Manager Clear route is to be established, to final offload point - marshals to be in place where required to prevent persons entering movement route. Ground conditions, overhead cables etc to be checked by operator before moving A banksman will be used at all times to monitor "blindsides" of the plant. When plant is being unloaded from low loader, Site Manager is to control the unloading. Strops and chains are not to be removed from plant until low loader is in final offload position. Low loader drivers to conduct a "Point of Work" Risk Assessment (if required) for specific sites for any unforeseen circumstances / site specific conditions that prevail. When plant is being loaded onto low loader, Site Manager is to control the loading. Plant to be secured with ratchet strap, chains etc. at suitable fixing points. Process to be completed by trained and competent staff. Strops and chains are not to be applied to plant until in final loaded position. Low loader drivers to conduct a "Point of Work" Risk Assessment (if required) for specific sites for any unforeseen circumstances / site specific conditions that prevail. Once plant is secured in final position, driver will check all straps and chains are secure before moving low loader	1	5	5

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Task/Element	Potential Hazard	Those At Risk	Risk Rating (No Controls)			Control Measures To Be Applied	Revised Risk Rating		
			L	S	L x S = Risk Level		L	S	L x S = Risk Level
Install of Heras Fencing	Cuts, abrasions from sharp objects,	Site Staff	3	4	12	Staff to ensure that good housekeeping standards are observed throughout the site wherever possible. Ground conditions to be assessed for broken glass/ needles before heras fencing is installed Panels to be checked for broken, protruding wires	1	4	4
	Manual handling operations. Lifting, pushing and pulling equipment can cause musculoskeletal injuries	Site Staff	3	4	12	All operatives required to undertake manual handling must have received manual handling training and instruction. The selection of the operative to undertake the task will be considered before lifting. Previous injury may rule out an operative for a specific lift. Heras fence panels to be handled by two operatives at all times. Heras fencing should be assessed for damage before installation Rubber block fence feet should be used to stabilise the heras panel Fence feet must be positioned to ensure that a minimum amount of the base protrudes to prevent trips All Heras fence panels must be erected in accordance with manufacturer's instructions, Heras fence panels must be connected with fencing clamps at two points and tightened, to secure the panels together to each side to the panel Heras fence panels must be secured into the feet to prevent panels collapsing Use of relevant personal protection equipment will be supplied and must be worn when handling Heras fence panels.	1	4	4

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Task/Element	Potential Hazard	Those At Risk	Risk Rating (No Controls)			Control Measures To Be Applied	Revised Risk Rating		
			L	S	L x S = Risk Level		L	S	L x S = Risk Level
Installation of Hoarding	Manual handling operations. Lifting, pushing and pulling equipment can cause musculoskeletal injuries Puncture injury from pasload (Nail) gun	Site Staff	3	4	12	All operatives required to undertake manual handling must have received manual handling training and instruction. The selection of the operative to undertake the task will be considered before lifting. Previous injury may rule out an operative for a specific lift. Timber hoarding panels to be handled by two operatives at all times. Before breaking ground, operatives must CAT scan the post location to identify any buried services, where possible holes will be dug using an auger rather than digging by hand, pneumatic breaker pack use will be monitored, and HAVS/noise will be monitored and recorded. Posts/rails will be erected by a team of two due to their weight. When timber boards are being installed, operatives must be fully versed in the use of the pasload gun and must never aim it towards or in the vicinity of other persons. Hoarding will be erected in direct accordance with the structural calculations issued and will be entered into the temporary works register for the site in line with BS5975 temporary works Use of relevant personal protection equipment will be supplied and must be worn when handling Heras fence panels.	1	4	4
Installation of scaffolding	Manual handling operations. Lifting, pushing and pulling equipment can cause musculoskeletal injuries	Public Prichard Staff Sub-Contractors Visitors Others	4	4	16	Scaffolding must be designed and erected in accordance with its use as a demolition and working scaffolding, ties must be installed into the building's fabric in line with the design. Scaffolding must only be installed and adapted by trained and competent scaffolders. Scaffolding will be entered into the temporary works register in line with BS5975	1	4	4
Public Protection	Falling debris	Public	3	5	15	Key elements of the structures will be progressively wrapped in mono flexed demolition scaffolding which will be designed and tied into the structure being demolished, this, along with tried and tested demolition techniques and solid timber hoarding/Heras fencing will prevent any falling debris coming into the public domain.	1	5	5
Vehicle movement	Collision with vehicles	Public Prichard Staff Sub-Contractors Visitors Others	3	5	15	Traffic Management Plan in place Planned deliveries and collections to be controlled Prichard's Traffic Marshall Cordon off area to reduce access to unauthorised persons. Established parking/delivery area as soon as possible.	1	5	5
Manual Handling	Sprain/Strain	Public Prichard Staff Sub-Contractors Visitors Others	3	5	15	Where possible, Manual Handling will be avoided. Where Manual Handling cannot be avoided (i.e. during soft strip) materials will be broken down into small loads. Mechanical aids to take material to work face, otherwise team lift. Plan route.	1	5	5

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

						Use correct PPE			
General Activity	Slips, trips, falls	Public Prichard Staff Sub-Contractors Visitors Others	3	5	15	Clear work areas on a regular basis. Walkways (including pedestrian walkway) will be kept clear of tools and debris	1	5	5
Fire	Injury or Fatality caused by fire on site	Public Prichard Staff Sub-Contractors Visitors Others	4	5	20	Debris not to be permitted to accumulate as work progresses. Skips to be secured. Hot works to be carried out only under Hot Works Permit. Fire Extinguishers to be available at various locations around the site. Smoking only permitted in designated areas. Site to be secured to prevent unauthorised entry and vandalism	1	5	5
Hot Works	Ignition sources/ combustible materials	Public Prichard Staff Sub-Contractors Visitors Others	3	5	15	No hot works allowed without hot work permit in place. All debris to be removed at the end of the day and as work is progressing. Fire extinguisher at welfare facilities. Fire hose to be set up and hot work washed down Hot works will cease 1hr prior to the end of shift	1	5	5

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Task/Element	Potential Hazard	Those At Risk	Risk Rating (No Controls)			Control Measures To Be Applied	Revised Risk Rating		
			L	S	L x S = Risk Level		L	S	L x S = Risk Level
Cutting and burning	Fires, severe injury or death. Damage to adjacent properties, inhalation of fumes including lead	Public Prichard Staff Sub-Contractors Visitors Others	4	4	16	- Ground in work area to be free of obstructions - Ground to be checked for any grease or liquid spills - Safety footwear to be worn and care taken to prevent slips and trips - Work area to be clear of any obstructions which might cause interruptions to operation - Any other work participants to follow same requirements - Cutting / Burning only to be carried out by a competent operator - Gas hoses to be checked for any damage before starting Do Not Use If Any Suspicious Damage Is Evident - Operators are to wear air fed face masks to provide positive pressure air feed - Burning areas are to be cordoned off to prevent access to anyone not involved in the operation - Ensure flint lighter is ready to use before turning on gas - Turn on Propane gas first and light it before turning oxygen on. - No acetylene is allowed on site - Ensure cutting / burning area is well ventilated - Operator to be aware of proximity of a fire extinguisher - Ensure torch valves and gas regulators are fully closed when cutting completed - All burning equipment will be checked for leaks - Flash back arrestors must be fitted to bags. - Bottles are to be stored away from spark drop zones and in a ventilated area. - All standing bottles must be tied - All bagging to be emptied of gasses at the end of shift or break times - Blood lead testing for operatives undertaking burning works.	2	4	8

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Buried Services	Electrocution, Explosion causing serious injury or fatality if underground services are struck/damaged	Public Prichard Staff Sub-Contractors Visitors Others	3	5	15	Client to provide for records and reference all isolation certification There are known live services on site, Prichard's to engage with Utility Companies to isolate, isolation certificates are required before works commence All excavation work is to be completed under Permit to Dig System. All digging practices will be in accordance with HSG47 Hand digging will take place if within 500mm of any known service. Plans should be obtained from cable/pipe owners, local authorities, or private landowners; however, it should not be assumed that these are accurate. Cable and metal location equipment duly calibrated and in good working order, should be used by trained personnel to locate services. Located services should be identified, e.g., gas, electricity, etc, and indicated clearly by the engineer using waterproof paint on roads, or wooden pegs on open ground. Before digging by the services identified, the safe digging distance from existing pipe work should be confirmed with the relevant service owner, especially in the case of gas. It should be assumed that all services are "live" until proved otherwise. Regular checks should be made to ensure the digging team is following the method statement. Supervisors and workers should be trained to operate cable locating equipment. Machine and dumper drivers, banksmen and slingers to be competent. In the event of a gas strike, cease work and evacuate site. Management should contact service authority to isolate service. Appointed persons should arrange for the area to be isolated by the erection of barriers, warning signs for the public and an exclusion zone if on the highway. Services crossing excavations to be supported. Services in concrete to be isolated. In the event of a cable strike the foregoing procedures apply, except for the extinguishing of flames. If the machine bucket strikes the cable, the driver should remain in the cab until the power is confirmed as isolated Area is to be cleared of all non-essential persons Utility companies are to be contacted on emergency number in order to facilitate emergency isolation	1	5	5
-----------------	--	---	---	---	----	---	---	---	---

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Task/Element	Potential Hazard	Those At Risk	Risk Rating (No Controls)			Control Measures To Be Applied	Revised Risk Rating		
			L	S	L x S = Risk Level		L	S	L x S = Risk Level
Overhead services	Electrocution causing serious injury or fatality if overhead services are struck/damaged	Public Prichard Staff Sub-Contractors Visitors Others	3	5	15	Location of services to be considered, isolate services if possible. Carry out visual assessment to ensure no power cables or services are present. Work with plant will only take place near overhead services where there is no alternative. Where it cannot be avoided, the Site Supervisor is to consider the following: the voltage and height above ground of the wires. Their height should be measured by a suitably trained person using non-contact measuring devices. The nature of the work and whether it will be carried out close to or underneath the overhead line, including whether access is needed underneath the wires. The size and reach of any machinery or equipment to be used near the overhead line. The safe clearance distance needed between the wires and the machinery or equipment and any structures being erected. If in any doubt, the overhead line's owner will be able to advise you on safe clearance distances. The site conditions, e.g., undulating terrain may affect stability of plant etc; The competence, supervision and training of people working at the site. The movement of the machine will be controlled at all times by a banksman	1	5	5
Noise	Long term hearing damage and/or short-term hearing loss caused by exposure to excessive noise	Site Staff Visitors Others	3	4	12	Plant is fitted with factory standard muffles to reduce engine noise. Where noise levels reach above 85dB then hearing protection to be worn. Wearing of hearing protection to be controlled by site supervisor.	1	4	4
Vibration	Long term health issues caused by Hand Arm Vibration and Whole-Body Vibration	Public Prichard Staff Sub-Contractors Visitors Others	3	4	12	Where handheld vibrating tools are used, the site supervisor will track "trigger times" to ensure that exposure levels are not exceeded. Select tools with lower vibration levels – still suitable for the task. Acceleration speed of equipment to be identified and daily exposure restricted accordingly. Trigger times to be recorded on HAV record sheets and be available on site Tool use will be rotated between staff to ensure exposure times are minimal Prichard's tools are regularly serviced to ensure that minimum vibration levels. Heavy Plant Use limited to core hours with consideration to local residents Prichard's utilises the latest plant technology to minimise Whole Body Vibration.	1	4	4

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Task/Element	Potential Hazard	Those At Risk	Risk Rating (No Controls)			Control Measures To Be Applied	Revised Risk Rating		
			L	S	L x S = Risk Level		L	S	L x S = Risk Level
Dust	Long Term Health issues caused by the inhalation of respirable dusts	Public Prichard Staff Sub-Contractors Visitors Others	3	5	15	Water suppression to be used – water mists / foggers. Where required for hand cutting, water suppression at the point of cutting to be used. Demolition staff working in dusty environments that cannot be controlled by water suppression are to wear tight fitting RPE. Before starting work: check with nearby receptors that they are aware of the operation and likelihood of risk. Ensure that sensitive areas are adequately protected from the works. Safe working: controls to eliminate or reduce dust emissions should be in place and noted on the safety plan or method statement. Use of knockdown sprays, water bowsers to keep areas damp, specific water sprays to particular points and sheeting of loads in transit should be implemented. Site Supervisor: May carry out environmental monitoring during loading, and pull-down works. Always implement and maintain a safe system of works. Ensure all measures in place are effective. Where this may prove to be inadequate, further measures should be carried out to improve the control and effectiveness of the dust reduction process.	1	5	5
Refuelling	Long Term Health issues caused by inhaling of diesel fumes	Site Staff Plant Operators	3	5	15	Refuelling to take place in open air. Mobile fuel bowser will be double banded. Fire extinguishers, Spill kits and drip trays will be available. Disposable gloves to be worn when refuelling. COSHH assessments to be carried out. Operators to wash skin in the event of contact with diesel / oils.	1	5	5
Rodent / Animal Faeces	Long Term Health issues caused by contracting diseases transmitted by rodent / animal waste	Prichard Staff Sub-Contractors Visitors Others	3	4	12	Staff to receive a toolbox talk on transmittable diseases (Weils Disease) Staff to report evidence of animal / rodent activity Staff to wash hands thoroughly before eating / drinking / smoking	1	4	4
Needles / Drug Related Paraphernalia	Long Term Health issues caused by contracting blood borne diseases transmitted by contact with dirty needles / waste	Prichard Staff Sub-Contractors Visitors Others	3	4	12	Staff to receive toolbox talk on needles and blood borne diseases A thorough needle sweep is to take place in each building before soft strip commences. Needles etc will be disposed of in a sharps box Staff to use litter pickers to collect any needles or drug paraphernalia found. Staff to wear suitable gloves during soft strip Staff to wash hands thoroughly before eating / drinking / smoking	1	4	4

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Task/Element	Potential Hazard	Those At Risk	Risk Rating (No Controls)			Control Measures To Be Applied	Revised Risk Rating		
			L	S	L x S = Risk Level		L	S	L x S = Risk Level
Work At Height	Fatality or Serious Injury in the event of a fall from height	Prichard Staff Sub-Contractors	3	5	15	Where possible, work at height will be avoided. Where Work At Height is unavoidable, Prichard's will use the hierarchy of control for work at height. During soft strip stages, portable hop ups and podium steps may be used	1	5	5
Asbestos Removal	Long term ill health effects	Public Prichard Staff Sub-Contractors Visitors Others	3	5	15	The Asbestos R&D survey has been undertaken for the properties and the identified asbestos has been removed under a waste consignment not by others. If Asbestos or suspected Asbestos Containing Materials are discovered, then the process in Appendix B is to be followed. If any asbestos materials are discovered: Prichard's will remove Non-Licenced Asbestos. Prichard's will apply fine water mist sprays on working areas during demolition. All demolition operatives to hold UKATA B&C asbestos awareness. If any further asbestos is uncovered or suspected STOP work immediately and inform Client of concerns. Regular review of effectiveness of Dust Suppression and RAMS. This process is to be briefed at site induction	1	5	5

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Task/Element	Potential Hazard	Those At Risk	Risk Rating (No Controls)			Control Measures To Be Applied	Revised Risk Rating		
			L	S	L x S = Risk Level		L	S	L x S = Risk Level
Using machinery at site	Injury and damage to property	Public Sub-Contractors Visitors Others				All plant must have a current certificate of worthiness All personnel using plant must be qualified and competent Plant must have a banksman in place at all times of use Areas of plant use to be cordoned. Personnel to keep out of plant work zones			
Controlled Demolition	Personal Injury during soft strip and hand demolition works	Prichard Staff	3	3	9	Staff will wear protective gloves rated to Cut Level 5 During window removal, or any strip out involving glass, staff will wear Kevlar oversleeves rated to Level A4 All staff involved in soft strip and hand demolition work activities will wear safety glasses Any persons entering a soft strip/hand demolition area will wear safety glasses When using Stihl saws / Recip saws etc, high impact safety glasses will be worn by all in the area During soft strip and hand demolition works, walkways and staircases are to be always kept clear of debris Where possible, hand tools such as pry bars, hammers etc will be used to loosen items attached to bulkheads, ceilings and floors. Hand held breakers will be used to break concrete materials, the use of these will be limited where possible and monitored for hand arm vibration and noise/dust emissions.	1	3	3
	Structurally unstable building – may collapse causing injury or fatality	Public Sub-Contractors Visitors Others	4	5	20	Structural Demolition Survey to be undertaken and the results available on site Where required, building structure will be supported to prevent uncontrolled collapse Demolition will be planned in a manner which allows for the continued support of adjacent buildings Machine operators will be experienced, competent demolition drivers During machine demolition – the area being worked will be clear of all foot personnel and the area suitably fenced off Only demolition excavators fitted with FOGS (Falling Object Guard Screen) are to be used in Demolition Zones If the structural appraisal identifies that the building is too dangerous to enter, it will be demolished remotely.	1	5	5
	Fall of Materials resulting in serious injury or fatality	Public Prichard Staff Sub-Contractors Visitors	4	5	20	Controlled Demolition zone which will prevent access to demolition zone to unauthorised persons to be established Demolition plan will allow for works to take place in a clear direction – preventing the need for “crossover” into demolition zones	1	5	5

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

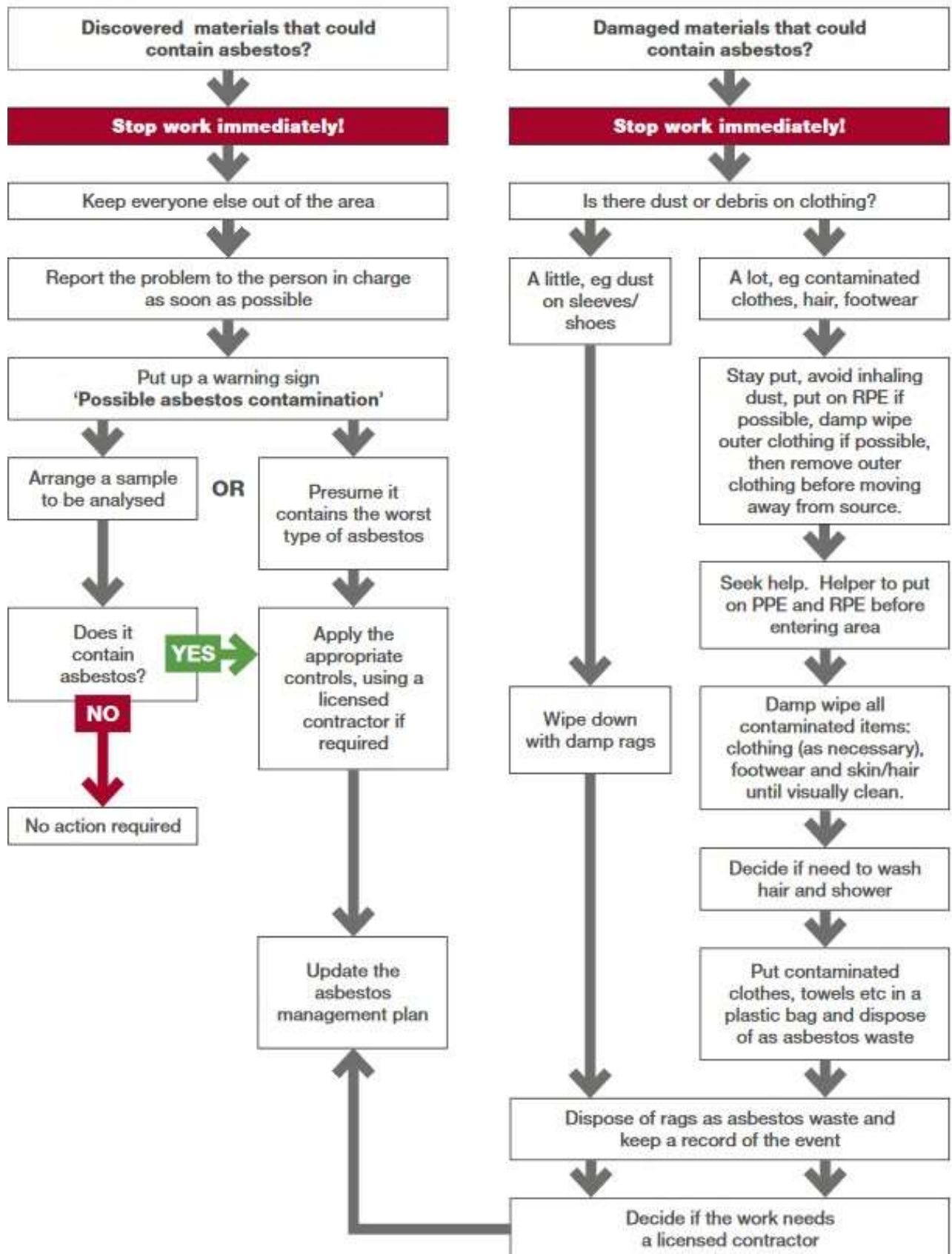


		Others				Existing scaffold fixed to the front of the buildings will be removed and new scaffold installed after design. This will be covered by Monoflex to prevent debris falling into public walkway or highway A pedestrian "tunnel" will be created under the scaffold which will consist of a protected crash deck and boarded side to prevent any small debris reaching the public pavement When demolishing the front of the building, the demolition will be from the front with waste being pushed into the footprint of the building. The area will be fenced off to prevent access from the rear. All demolition will be done under control with planned drop zones for debris. All demolition will stop when waste skips are being delivered or collected into the area.			
--	--	--------	--	--	--	---	--	--	--

Prichard Holdings Ltd		Issue Status:	Issued
Document Reference:	CD-A003	Revision No.:	3.0
Document Type:	Controlled Document	Issue Date:	Jan 25

Appendix B - Discovery of Asbestos Containing Materials – Immediate Action Flow Chart

Flow chart



Appendix C - Manual Handling Assessment

A: Assessment (Answer the following questions)

1. Does the operation involve a significant risk of injury? (If No the assessment need go no further)
2. If Yes, can the operation be avoided, mechanised or level of the risk reduced? If yes implement
3. If No record steps in B) HAZARD CHECKLIST and review;
4. Has the risk of injury been eliminated or reduced to an acceptable level?
5. If Yes, the assessment is complete. If No, review activities to reduce risk further.

B: HAZARD CHECKLIST (Answer all questions YES or NO)		
The Task - does it involve:		CONTROLS
1. Holding the load away from the trunk?	N	
2. Twisting the trunk?	N	
3. Poor posture i.e. stooping/stretching?	N	
4. Strenuous pushing or pulling?	Y	Operatives to make use of the tools supplied to reduce pulling and pushing
5. Excessive lifting or lowering?	Y	Toolbox talks will be given to all operatives
6. Repetitive handling?	Y	This operation is repetitive, regular breaks will be taken.
7. Excessive carrying distances?	N	
The Load - is it:		
8. Heavy?	N	
9. Bulky or unwieldy?	N	
10. Difficult to grasp?	N	
11. Unstable, or contents likely to shift?	N	
12. Potentially harmful e.g. Hot, sharp?	N	
The Working Environment - are there:		
13. Constraints on posture?	N	
14. Uneven or unstable floors?	Y	All ground/floor area to be kept clear and clean at all times
15. Variations in floor levels/work surface?	Y	
16. Extremes of temperature, humidity?	N	
17. Poor lighting conditions?	N	
18. Excessive noise levels or air movements?	N	
Individual Capabilities - does the job:		
19. Require unusual capabilities i.e. strength?	N	
20. Require special information/training?	Y	Delivered tool box talk on manual handling techniques; also trained to NDTG demolition & asbestos awareness
21. Involve handlers who are pregnant?	N	
22. Involve handlers with health problems?	Y	Operatives are assessed against the tasks
Other Factors: -		
Are there any protective clothing or items being worn that may increase the risk of injury from Manual Handling Operations?	N	

Record of Briefing

Supervisor to ensure that Risk Assessment and 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). welfare

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