



Demolition & Method Statement

Contract Address:	Brewer's Arms Ladybarn Lane
Contract No:	
CDM Role:	
Date:	09.09.2022
Revision No:	1
Approved By:	Coda Studios
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Contents

Section	Detail	Page
A	Description of the Project	3
B	Arrangements	4
C	Permit to Work & Temporary Works	8
D	Method & Sequence of Work & Risks Associated	10
E	Employee Sign Up Sheet	15

Amendment Record

If an amendment is required to the Site-Specific Demolition Method Statement/Risk assessment it will be assessed by the Site Supervisor following discussions with the Managing Director. Any amendments required once the project is live will be added as an addendum by the Site Supervisor. This will be communicated to the Managing Director and communicated to site personnel before commencing task.

A record of any addendums made by the Site Supervisor must be kept on this record sheet and communicated to all persons who may be affected by the changes.

Revision No	Date	Detail
1	09.09.2022	Initial Issue

Part A Description of the Project

A.1 Scope of Works

Strip Out Works	X
Demolition Works	X
Asbestos Removal Works (Non-Licensed)	TBC
Asbestos Removal Works (Notifiable Non-Licensed Work or NNLW)	TBC
Asbestos Removal Works (Licensed)	TBC
Scaffolding Works	
Services (Disconnections, Isolations, or diversions)	
Roofing Works	
Decommissioning	
Drainage Surveys	
Other (<i>please state</i>)	

A.3 Project Program including Key Dates

The works are to be completed within..... days of the commencement date.

Commencement Date: TBC

Completion Date: TBC

A.4 Services

Confirm service disconnections with Statutory Authorities, written confirmation of status and locations must be put in writing prior to our works commencing and kept in CPP on site.

Part B Project Arrangements

B.1 Site Management

Managing Director	TBC
Health & Safety Advisor	TBC
Environmental Advisor	TBC
Site Supervisor	TBC
Temporary Works Co-Ordinator	TBC
First Aider	TBC
Fire Marshal	TBC
Vehicle Banksman	TBC
Sub-Contractor	TBC
Sub-Contractor Supervisor	TBC
Co-Ordination of Sub-Contractors Activities/Operations (Approving RAMS, Training etc)	TBC

All work and plant operations will be carried out by skilled operatives trained in the use of the trade for which they are employed and only certificated operatives shall be authorised to operate plant and equipment. Copies of Qualifications/ Training Certificates including CCDO & CPCS Cards will be kept in the project Construction Phase Plan.

B.2 Plant & Equipment

Plant / Equipment	Inspections Carried Out By
14ton 360° excavator	Plant Operator

Please note that this is not an exhaustive list, and that plant, equipment and tools will be provided at a frequency to deliver the works in a safe manner and in accordance with the agreed program of works. At the end of the working shift all Plant, Equipment and Tools will be immobilized and parked in designated area. Records of thorough inspections will be displayed in plant and copies kept in the CPP.

B.3 Working Hours

TBC by Local Authority

B.3 Site Security

Contractor is responsible for ensuring the works area is suitably segregated and to prevent unauthorized access. Heras type fencing will be used to create a secure working area where no suitable fencing exists, which will be inspected throughout the works and at the start/end of working shift. Relevant warning signs to be displayed around the boundary of the site including signage for out of hours contact.

B.4 Environmental Considerations

Dust and noise will be monitored during the works to ensure no non-conformances arise. It is accepted that noise cannot be eliminated entirely, but reasonable steps will be taken to reduce any adverse effects of noise generated by the works. Reasonable steps will be taken to reduce dust by dust suppression as required in the form of water spraying and spill kits as necessary.

Vehicles will be halted at the site entrance by appointed banksman before leaving site to ensure that wheels are free from loose debris/material prior to exiting site. Good housekeeping to be maintained around site and site entrance to be monitored throughout the works.

B.5 Access, Egress & Traffic Management

The site-specific arrangements will be communicated to all site personnel through the site induction prior to entry on to site. Observe and follow all traffic directions / safety signs. Drivers must comply with all safety instructions and be supervised by banksman if making maneuvers. Vehicles entering/leaving site will be assisted by banksman. Please refer to Site Layout & Traffic Management Plan.

B.6 Emergency Procedures

The site-specific Emergency Arrangements will be briefed to all site personnel through the site induction prior to entry on to site. The site shall have a designated Fire Marshal/ Fire Warden. Fire alarms, call points and extinguishers must be maintained throughout the works. Fire and Evacuation Arrangements will be displayed in site cabin.

There will be an appointed First Aider on site along with a fully stocked First Aid kit located in the site office (at least one first aider to every 20 No operatives). Details of the local Accident & Emergency hospital will be displayed in the site cabin.

The nearest A&E is:-

Manchester Royal Infirmary Accident and Emergency Department
(approx 2.4 miles away)
Manchester Royal Infirmary, Upper
Brook St, Manchester M13 9NZ

B.7 COSHH

A manual of COSHH Assessments will be kept in site SHEQ file and reviewed regularly as part of our SHEQ Management System.

Storage of materials will be stored off site and delivered as required to minimize disruption to site operations.

Aggregate type materials will be stockpiled on site wherever it is practical to do so without adversely affecting the works operation, roll on roll off skips will be used to store waste and removed regularly to prevent fires etc.

Open air compounds will be set up for the storage of fuels and LPG. They will be sited at least 10m from any building and be secured. The floors of the storage area will be well compacted and kept clear of any other flammable materials and waste. COSHH Procedures in place and adequate signage. Adequate firefighting equipment and spillage kit at hand.

Delivery and collection of oxy/propane will be carried out by BOC (the supplier).

B.8 Site Induction & Training

Prior to entry on to site all personnel will be briefed during the Site Induction stage on the main risks associated with the site and relevant information. The Site Supervisor will check for evidence of competence when personnel arrive on site which may include training records. The Site Supervisor to carry out Method Statement/Risk assessment competence test for all site operatives prior to entry on site.

Visitors will be given a brief induction and will be always accompanied. Where appropriate, on the job training will be given under the supervision of a competent person.

All personnel training records will be kept in Construction Phase Plan located in the Cabin.

B.9 Responsibilities for Safety Control & Monitoring

Site Supervisor must ensure a site induction is carried out for all site personnel prior to commencement on site. The Site Supervisor to carry out inductions for site operatives and a compliance test but be successfully completed prior to entry on site.

During site induction all personnel will be made aware of the Specific Working Methods, Services, Asbestos, Site Rules, Accident/Near Miss and Incident Reporting and Site Emergency Procedures. These will be always adhered to. Regular toolbox talks will be given and recorded on site. The Compliance Director to carry out regular inspections and audits, copies will be left in site file and any non-conformances will be actioned immediately.

B.10 Welfare Arrangements

Suitable and sufficient welfare facilities will be provided prior to commencement on site, to reflect the requirements of the CDM Regulations 2015. These will include sanitary conveniences, washing facilities including hot and cold water, drying room and rest room, drinking water and arrangement for the preparation, and eating of meals. It is the Principal Contractors responsibilities to ensure lifting plan is in place prior to delivery of cabins.

Self-contained mess cabin to accommodate 4No site operatives and a separate site office to be delivered to site on the first day of possession.

B.11 Other Documents

The works will be carried out in due recognition and acceptance of the following:

- The council conditions listed in the decision
- The Principal Designers Pre-Construction Information Pack
- The Project Construction Phase Plan
- The Clients Policies and Procedures
- Demolition Health & Safety, Environmental and Quality Policy
- Refurbishment/Demolition Asbestos Survey
- Site Layout & Traffic Management Plan
- Program of Works
- SHEQ Site Manual including COSHH Assessments & Generic Risk Assessments

Requirements	Applicable & obtained
LPA Decision	TBC
F10 Notification	TBC
ASB 5 Notification	TBC
ASB>NNLW1 Notifiable Non-Licensed Work e.g., gaskets that are substantially broken up or damaged during removal	TBC
Other (<i>please state</i>)	

B.12 Personal Protective Equipment

Site personnel have a statutory duty to wear adequate PPE/RPE. Abuse or failure to wear PPE/RPE will incur in disciplinary action. Helmets should be marked BS5240, state the country of origin, show the year of manufacture, contain a manufacturers identification mark and the type of manufacturer. If the helmet is subjected to severe impact, it must be discarded. Helmets must not be painted, written on or carry any stickers on.

Required Personnel Protective Equipment									Other:-
	Safety Boots	Safety Hard Hat	Safety Gloves	Hearing Protection	Eye Protection	Respiratory Protection	High Visibility Vest/Jacket	Overalls (Hot works-flame resistant)	
Applicable:	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No

Part C Permits & Temporary Works

C.1 Permit to Work

Ensure project permit to work has been completed prior to commencing works on site.

Permit to Work	Permit Required
Project Permit to Work (Demolition; includes service isolations/disconnections confirmations)	TBC
Soft Strip following Asbestos Removal	TBC
Hot Works	TBC
Electricity	TBC
Roof Works	TBC
Work on Scaffold Towers, MEWP's	TBC
Other (<i>please state</i>)	

C.2 Temporary Works

Procedures in place to monitor and manage temporary works throughout the works of the project. The Managing Director designs the necessary temporary works. The Project Temporary Works Register must be completed prior to commencement and regular reviewed by the Temporary Works Co-Ordinator Peter Blackman.

Temporary Works Item	Category 0-3	MSRA for erection and dismantling prepared, approved & personnel briefed	Additional manufacturer's instructions read & understood	Inspection Plan
Signage, Hoardings	0	Operation 1	n/a	Daily Basis
Traffic & Pedestrian Barriers	0	Operation 1	n/a	Daily Basis
Site welfare & Offices	0	Operation 1	n/a	Daily Basis
Tower Scaffolds and similar access systems				
Scaffolding & Edge Protection				

Classifications :

0 = Basic Construction Methods - Lower Risk (e.g Site hoardings and fencing upto 2m high, single storey

welfare cabins) Temporary Works may be checked by another member of the site or design team. Standard solutions often come with manufacturer calculated working or ultimate capacities but still need to be checked for compliance with the design criteria to ensure they will be fit for purpose.

1= Routine Construction Methods – Low or Medium Risk (e.g., Site hoardings and fencing greater than 2m high) Temporary Works can be design checked by another member of the design team.

2= Specialist Construction Methods – Medium to High Risk (e.g., Special Designed Scaffolds) Temporary Works must be design checked by someone independent from the design team (not involved in or consulted by the original design team).

3= Complex, Unusual, Bespoke Construction Methods – High Risk (e.g., Façade retention schemes close to public areas) Temporary Works must be design checked by a third-party organization independent from the design team organization.

C.3 Toolbox Talks

Toolbox Talks will be carried out on a regular basis; refer to the SHEQ Site Manual for all the toolbox talks.

Toolbox Talks required on this project are as follows:

Toolbox Talks	Required (minimum)
Asbestos Awareness	
COSHH	
Hand/Arm Vibration	
Manual Handling	
Weils Disease	
Working at Height	
Demolition Awareness	
Working near overhead cables	
Live Services	
Traffic Management	
Fire Risk	
Noise	
Dust	
Working Plant	
Ecology	
Abrasive Wheels	
Other (<i>please state</i>)	

Part D Method, Sequence of Work & Risks Associated

OPERATION No. 1 – Set Up Site

Confirm service disconnections with Statutory Authorities (**no demolition work to take place until status of services is confirmed**). Ensure project permit to work has been completed prior to commencing works on site. Erect protective fencing around structures complete with all warning signs and company contact details. Mark off stores area. Receive and emplace site cabin/office and mess/toilet facilities.

Hazards Identified:

No.	Hazard
1.1	Electric Shock / Explosion (Live services)
1.2	Head, Foot & Eye Injury
1.3	Manual Handling
1.4	Cranage of Heavy Cabins
1.5	Movement of Vehicles
1.6	Manholes Covers
1.7	Mobile Phones
1.8	Site Access/Egress
1.9	Unauthorised Site Access
1.10	Members of the Public
1.11	Asbestos
1.12	Ecology

Control Measures:

No.	Control Measure
1.1	No work to take place until services are confirmed disconnected (written confirmation only). Permit to work in place prior to work commencing.
1.2	Good housekeeping, supervised employees, and regular site inspections. Hard hats, safety footwear, high visibility vest/jackets to be always worn on site. Safety glasses to be worn as required.
1.3	Ensure that access and work area is clear from debris where persons could trip, slip, or fall. Each operative to assess each manual handling activity before lifting, by using acronym "ELITE" (Equipment, Load, Individual, Task, Environment). All site operatives to be trained in safe lifting techniques and have regular training on manual handling (all certificates to be in date). Minimize handling by storing materials close at hand and team aide as required. Wherever possible and when required mechanical means will be used to lift and transport items.
1.4	Approved Contractors for movement of site cabins, banksman to be present and lifting plan in place. Demolition Method Statement must be approved prior to permitting works to be carried out on site.
1.5	All heavy lorries visiting site will be at prior agreed times and will be always supervised by banksman (outside of peak hours). All site personnel to always wear high visibility vest / jackets on site. During site induction site supervisor will communicate designated traffic routes.

1.6	Identify, mark off and protect any manholes covers which are live and to remain throughout the job and after the demolition has taken place. Records to be kept on site noticeboard and CPP.
1.7	Mobile phones should only be used for essential purposes and only be used outside the working area.
1.8	Access/Egress will be always kept clear and vehicles entering/leaving site will be assisted by banksman.
1.9	Only authorized persons will be permitted access on to site. Heras type fencing will be used to create a secure working area where no suitable fencing exists, which will be inspected throughout the works and at the start/end of working shift. Records will be kept by the supervisor in the site diary. Relevant warning signs to be displayed around the boundary of the site including signage for out of hours contact.
1.10	Adequate signage will be installed and site boundary to be secured. Care will be taken to maintain and protect existing footpath and lookouts to be in attendance during machine demolition.
1.11	Awaiting R/A Asbestos Survey, RAMS to be reviewed on receipt.
1.12	Awaiting, RAMS to be reviewed on receipt.

OPERATION No. 2 – Soft Strip

Operatives using non-mechanical handheld tools will strip out loose furnishings and fixtures and load them through openings within the site before transporting the material to licensed site facilities. Material from the upper floor structure will be deposited into clearly marked dropping zones again on the same elevation.

Hazards Identified: (Not previously identified in earlier operations)

No.	Hazard
2.1	Cuts to hands / puncture wounds
2.2	Fire Risk from unauthorized persons
2.3	Risk to others below during dropping zones
2.4	Discovery of suspicious material (asbestos)
2.5	Slip and Trip hazard
2.6	Discovery of Syringes
2.7	Waste Management
2.8	Abrasive Wheels
2.9	Petrol
2.10	Eye Damage
2.11	Use of Portable Power Appliances (Electric)
2.12	Adequate Lighting
2.13	Weils Disease
2.14	Inhalation of Dust

Control Measures:

No.	Control Measure
2.1	Each operative to assess each manual handling activity before lifting, by using acronym "ELITE" (Equipment, Load, Individual, Task, Environment). Adequately rated gloves to be worn as required.
2.2	Firewood to be pulled back from structures to avoid unauthorized lighting and skips containing same will be moved daily. Site boundary to be regular inspected to prevent unauthorized access.
2.3	Dropping zones will be clearly defined and marked out using high visibility tape, warning signs and look out in attendance. Safety helmets are to be always worn on entry onto site.
2.4	Operatives carrying out stripping out works will take special care during this part of the works in encountering suspicious material (Asbestos based material). If any suspicious material is encountered during the strip out, then work in that immediate area will cease until such time that the material is identified. If Asbestos is located, then the area will be sealed until such time that it is removed by competent and licensed contractors (on our approved list).
2.5	Good housekeeping to be maintained. Walkways and emergency exits to remain clear. Areas around mess facilities to be swept daily.
2.6	Assessment of areas prior to work in immediate area. All the necessary PPE must be worn. Toolbox talk given prior to works commencing on procedures in place if hypodermic needles are encountered. Records kept on location of any needles found and team briefs will be conducted regularly.
2.7	Waste must be segregated into categories and taken to licensed sites. Waste Transfer Notes to be stored and when applicable Site Waste Management Plan updated and regularly reviewed.
2.8	Operatives using abrasive wheels must be competent, trained and wearing all PPE required and provided as required. For operatives using stihl saw, grinders, tile lifter and jack hammers exposure logs must be completed and operative job rotation. Manufacturer's guidelines to be communicated to site personnel.
2.9	Petrol to be stored in containers marked 'petroleum spirit', and must be stored in a well-ventilated place at least 6 meters from the works.
2.10	Adequately rated safety glasses to be worn as required.
2.11	Site operative shall inspect all portable electrical appliances, including extension leads prior to use. All electrical appliances are tested regularly by competent person. All operatives to hold valid Manual Handling training certificate and have the adequate PPE. Battery operated hand tools will be used where possible and any electrically powered tools that operate from 110v are used. All cables are to be routed to protect from damage and to prevent tripping hazards.
2.12	Temporary lighting will be facilitated prior to soft strip works on ground floor and any other floors as required. Temporary lights will be fed from external generator. The cables are to be routed to protect from damage and to prevent tripping hazards, cables to be fixed through the windows and taped securely down to working area.
2.13	Operatives to ensure all cuts and abrasions are covered with a suitable medical and sterile waterproofing dressing prior to soft strip works commencing. Gloves to be always worn and ensure working clothes are washed and changed daily. Site

	supervisor to check operatives' hands and wrists for cuts (health surveillance to be recorded). Ensure hands and faces are thoroughly washed before eating, drinking and smoking; disposable towels to be present in toilet facilities.
2.14	Operatives to wear adequately rated respiratory protective equipment (personal Sundstrom half face mask) with adequate filters as required or FFP3 disposable masks. Safety glasses to be worn as required.

OPERATION No. 3 – Machine Demolition

Machine demolition will commence through the block structure using 14ton 360° excavator with grapple attachment fitted to the end of the arm of the excavator. Roof structure will be pulled down onto upper floor before removing in manageable sizes down to ground floor level for processing into separate waste streams for transportation to licensed facilities. When a gap is formed through the structure, machine demolition will progress towards gable adjacent the small stream running along end of the structure. Roof and outer walls will be pulled inwards onto the footprint of the structure again to be processed for removal. When this part of the structure is down to ground level machine. Outer walls and gable to be pulled inwards onto footprint of actual structure to allow processing to continue. Care to be taken to ensure debris is kept clear of small stream and the steel canopy at the opposite gable. A scrap shear will be fitted to end of excavator arm to allow cutting down piecemeal commencing from top working down to ground floor level. Resulting steelwork from the canopy will be cut up again using scrap shear at ground floor level ready for disposal. Resulting debris will be loaded onto lorries for disposal to leave site clean and tidy and free from debris.

Demolition will be carried out in accordance with British Standard 6187:2011, CDM Regulations, HSE & NFDC best practice guidelines.

Hazards Identified: (Not previously identified in earlier operations)

No.	Hazard
3.1	Hazard of crushing by partly demolished structures and injury from flying debris
3.2	Noise
3.3	Inhalation of Dust
3.4	Environmental & Public Nuisance
3.5	Stability of outer walls
3.6	Risk to public and unauthorized persons
3.7	Falls by machine through basements/cellars
3.8	Quick Hitch attachment
3.9	Injury from demolition machine
3.10	Overloading floor structures with debris
3.11	Eye damage
3.12	Members of the public
3.13	Diesel

Control Measures:

No.	Control Measures
3.1	Machine operator and site foreman to inspect each structure prior to machine demolition to ensure structure is free from personnel and equipment. All apertures to be boarded up to prevent debris deflecting through same.
3.2	Site working times will be as per the local authority's conditions. Ear defenders will be worn as required and site supervisor to monitor noise levels to ensure no non-conformances arise.
3.3	Works to be lightly sprayed with water during machine demolition as required, trained and competent person operating demolition machine, works to be monitored throughout.
3.4	Good housekeeping to be maintained throughout the works. When using sweeping brush on site lightly spray area with water prior to brushing. Lookout to be in attendance during machine demolition.
3.5	Party walls to be left raked back at first level to assist in support. Outer walls to be pulled/pushed inwards in small sections to avoid unnecessary dust and vibrations. Nothing higher than single storey to be left unsupported during works and all structures to be left safe and in stepped fashion if left overnight.
3.6	Lookouts to be in attendance during demolition of outer walls. All lookouts to be in full view of machine driver. All loading of lorries will be always within site boundary. Plant Operator to carry out pre inspection prior to use (recorded).
3.7	Site investigation prior to machine demolition to identify any basements. Plant to be positioned on suitable ground conditions.
3.8	Machine operatives to hold current license to drive category of machine and hold current training certificates for safe operation of Quick Hitch Attachment. Copies of license and current test certificate for plant to be stored in site office.
3.9	An exclusion zone will be set up around excavator for work personnel whilst machine is operating.
3.10	Masonry/debris to be scraped off suspended floors by machine as machine demolition progresses to avoid uncontrolled collapse.
3.11	Safety glasses to be worn as required.
3.12	Care will be taken to maintain and protect existing footpath and lookouts to be in attendance during machine demolition in this vicinity.
3.13	See COSHH Assessment. Refueling of plant & equipment will be in a safe designated area, away from drains, escape routes, etc.

Part E Employee Signup Sheet

The employees detailed below have signed to confirm that they:

- Understand the requirements of this Demolition Method Statement have attended a Site Induction which including the R/D Asbestos Survey, Services etc.
- Shall work to the requirements of the Site-Specific Demolition Method Statement fully understand failure to do so will result in disciplinary action.
- Shall advise the Site Supervisor of any current medical condition which may rise to health risks whilst undertaking the task.
- Understand if you have any issues or concerns prior to works commencing or as work progresses regarding the Method Statement/Risk Assessment, work must cease and be communicated to the Site Supervisor or the Managing Director. System of work will then be amended, and an addendum created. All personnel will be briefed, and addendum be communicated prior to commencing work.

Date	Name	Signature

I confirm acceptance of this method of work and understand the control measures to be applied to minimize the risks associated.

Date:		Site Supervisors Signature:	
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