



Demolition Method Statement
All In One Garden Centre
866-888, Rochdale Road, Middleton M24 2RB

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Contract : All In One, Rochdale Road, Middleton
Subject : Demolition Method Statement (Specific)

PROJECT PARTICULARS

DESCRIPTION OF WORKS

The works involve the careful demolition of a large two-storey garden centre building with various attached canopies/extensions, outbuildings, sheds and greenhouses, down to ground level. No excavations are proposed. The area surrounding the existing buildings is entirely hard surfaced and comprises a former car park and other service areas and display areas. The existing car park and hardstandings will be retained. All demolition materials will be removed from the site and it will be left in a clean and tidy condition.

SITE ADDRESS

866-888 Rochdale Road,
Middleton
M24 2RB

CLIENT

Redrow Homes Limited
Redrow House, 14 Eaton Avenue
Matrix Office Park, Buckshaw Village, Chorley
Lancashire, PR7 7NA

PRINCIPAL DESIGNER

TBC

PRINCIPAL CONTRACTOR

TBC

1.6 LOCATION OF THE SITE

The site is located in Middleton, off Rochdale Road [A664]. The site benefits from a significant road frontage and a substantial gated access.

Residential properties are located adjacent to the development with a small number to the left and right side of the road frontage along Rochdale Road. There is a cricket club to the south east and farmland to the east.

There is adequate working space within the CDM designated area to carry out the works in a safe manner, although the proximity of local residents or members of the public means that specific arrangements are necessary.



ACCESS

Access to and from the site for all vehicles will be from the Rochdale Road [A664] through the existing entrance and into the CDM designated working area.

Access to the site is directly from the public highway. Movement of traffic to and from the site will be strictly managed and have due regard to the road conditions and highway safety.

The routing of vehicles to and from the site will be agreed between the Client and Principal Designer and no deviation from the agreed route will be allowed unless otherwise agreed. The specified route will be communicated to all employees as part of their site induction.

Access from the entrance to the CDM designated area will be over the existing hardstandings / car park.

There are no overhead telecoms cables crossing the site entrance.

The condition of the car park and hardstandings leading to the working areas is good. A speed limit of 10mph which will be imposed on all traffic working at the site and will be adhered to at all times.

Any mud or debris which may be deposited on the public highway resulting from vehicles entering or leaving the site will be immediately cleared away and the whole of the works carried out with the minimum of disturbance to local residents and the surrounding environment.

The following procedure / restrictions relating to the movement of heavy traffic on, off and around the site will apply:

Delivery of plant to the site will be co-ordinated by the haulage contractor as appropriate.

Delivery of plant by low loader to the site will be at specified times where necessary and delivered directly into the current hardstanding to prevent any vehicles parking on Rochdale Road.

Delivery of plant to the working area will be in accordance with the established traffic management system for the site only.

All vehicles entering and leaving the site will be from the main entrance only.
All heavy vehicles entering and leaving the site / CDM designated area will be under the control of a banksman.

All drivers attending the site will be made aware of the site safety rules and any access restrictions.

All drivers attending the site will be made aware of the ongoing activities and due consideration will be given to traffic movements to and around the site in this respect.

All drivers of vehicles attending the site will be equipped with and will wear if they need to be out of their cabs a hard hat, safety boots, gloves, eye protection and high visibility clothing.

All vehicles moving around the site will observe the 10mph speed limit and will be equipped with amber flashing lights.

COMMENCEMENT – PROGRAMME - COMPLETION

It is anticipated that commencement of the works will be January 2023 and that completion will be within 6 to 8 weeks.

Working hours at the site will be Monday to Friday 0800hrs – 18:00

Phasing Plan

Phase ref:	Phase No.
	Compound Est.
	1
	2
	3
	4
	5



Works will commence following the schedule detailed below:

Site establishment – Welfare and compound facility will be located to the Northern boundary of the site, providing adequate access for delivery vehicles to enter site with a designated laydown area located on a hardstanding, previously the garden centre access and car park. The compound location will provide parking and an opportunity for pedestrian traffic management to follow the perimeter of the site to all work areas, minimizing plant and pedestrian interface.

Smoking is prohibited on site and can only be undertaken in designated areas.

Should any contamination issues arise on the site during demolition, any personnel affected will be confined to the welfare facilities. More detailed control measures are presented in the Risk Assessments for Site Welfare Facilities and Offices, Welfare and Storage

Soft Strip in all locations including ACM – Prior to works commencing within each phase, a soft strip will be undertaken including the removal of ACM by a competent asbestos removal contractor.

Demolition works must not be carried out until all necessary surveys and checks have been carried out.

Where asbestos containing materials has been identified, demolition works shall not commence in these areas until they have been certified as clean and free from asbestos containing materials by a specialist third party contractor.

A full soft strip of buildings will be carried out and various waste streams will be segregated before being removed from site for further treatment/recycling. All services to the building will be disconnected before demolition of the building. Demolition of the superstructure will be carried out adopting a "Top Down Approach". Drop Zones will be set up and maintained throughout the demolition works.

Following completion of soft strip material and ACM, phasing works will commence as follows:

Phase 1 to the western boundary will be completed first. Removing the shed from the rear of the site will enable plant movement isolated within the area with the remaining buildings providing some noise and visual protection. Once complete, crushing operations can be completed to the north of phase 1, allowing space for material storage before and after crushing operations and allow plant movement away from other activities.

Phase 2 within the centre of site will be undertaken to again / allow plant to operate from the rear of building during demolition works, minimizing impact on local residents whilst enabling future access to phase 3 and 4, again minimizing plant interface during the works. This will also provide access for surplus materials to the crushing operation works and enable material storage.

Phase 3 and 4 will follow similar methodology as phase 2, limiting / minimizing impact on local residents and enabling access from the rear of the building.

Phase 5 – Completing previous phases will enable phase 5 (the most significant building in terms of brick / block and roof to be removed) and can be completed from the rear minimizing impact on local residents, allowing plant and equipment to be located to the rear of the building and minimizing pedestrian operatives accessing the area during the works. Plant will be able to pull material inwards.

Site Set up - Site setup to contain (as a minimum):

- Office, canteen,
- toilets,
- washing facilities & drying room.

Plant Movement

Only site plant will be allowed on-site. All other vehicles are to be parked within the designated parking area. All vehicles entering site are to report to the site office where they will be directed accordingly onto site. Access to the site will be from Rochdale Road.

All site plant are to operate flashing beacons and observe the mandatory site speed limit of 10mph. All wagons are to be sheeted over before leaving site. A traffic management plan will be maintained on site. As works progress across site this traffic management system will be augmented and

communicated to drivers. Signage and fencing will also be used to confirm the traffic management system on-site.

Wagons will be directed to loading/unloading areas and will be loaded under supervision of a CSCS trained operative who following completion of loading will inspect the wagons to ensure that they are free of loose debris. Once the wagon has driven off, any debris on the floor will be carefully cleared away.

Consignment/Waste transfer notes will be kept for materials collected or imported to site.

Where operatives (CSCS trained only) are required to work in the vicinity of site plant, they must be familiar with risk assessments and method statements for working with the various plant found on site. At all times, operatives on the ground must make sure that plant operatives are aware of their whereabouts and eye contact and confirmatory signalling or verbal communication is obtained before crossing the path of or working near to moving plant

Maintenance and road cleanliness

All vehicles travelling across site will not exceed the 10mph speed limit and will be inspected for debris and cleaned down before exiting site. Once loaded, the loading area will be inspected for debris and any loose materials will be swept up and placed back within the Material storage area area.

Wagons will be loaded on existing hardstanding areas.

Should debris become an issue on public roads then a mobile sweeper will be deployed to clean roads and if this is not effective then a static wheel wash facility will be deployed to the site.

During the operation of the site, a water bowser or similar will be regularly used to dampen down site roads / access routes to ensure that dust generation (general dust) does not become an issue.

General Earth Works

This section has been left blank as no excavation is planned within the scope of works.

Potential of Soil Contamination

This section has been left blank as no excavation is planned within the scope of works

Demolition building phasing

Works will be undertaken applying the principal of 'top down' removal. Roofs will be removed prior to any walls or superstructure to prevent collapse.

Long arm excavators with muncher attachment will be used to ensure plant is located away from the structure and the attachment will grab section of the roof structure and remove to designated material area. No pedestrians will be located within the area during any material movement. Material will be loaded into dumpers and transported to the material storage/ screening/ crushing area.

Once the roof structure is complete, where possible each elevation will be pushed into the building to contain material. Once contained and all sides have been levelled, material will be lifted into dumpers to be transported to the materials screening/ crushing area.

Phase 5 in proximity to the road will require additional controls. A watching brief will be located to the outside of the site looking inward to the works. 2 way communication will be maintained during the works to regularly communicate with the excavator driver.

Crushing of Material

Mobile crushing plant will be located close to stockpiles of material to be processed. The resulting crushed product will be moved to stockpile by dump truck. The crushing plant will be fed by a 360° Excavator.

Stockpiled crush will be damped down using water where necessary. Water shall be supplied to the crusher to operate the crusher dust suppression system.

All maintenance other than routine lubrication via properly designed external connections will be undertaken under lock-off conditions, i.e. the person undertaking the work will shut off the plant and remove the isolator key. A sign stating 'Maintenance Working Operation' will be hung in a prominent position. The isolator key will be carried by the maintenance engineer or crusher operator whichever is undertaking the work until the task is complete.

No attempts shall be made to remove any obstruction unless the power to the infeed unit, discharge conveyor and the crusher has been isolated and locked off.

More detailed control measures are presented in the Risk Assessment for Mobile Crushers and Screeners.

No guard shall be removed from any part of the crushing plant whilst in operation.

Regular checks will be made so there is no undue vibration of the crusher.

Regular checks will be made to confirm the crusher is working correctly and there are no signs of overheating.

Regular checks will be made to confirm the emergency stop is operational.

Dust Suppression

During works a tractor/bowser, or mobile power washer (or similar) can be used on site when necessary, to undertake general damping down of materials and wetting down of concrete hardstand and demolition areas. This will also be used to damp down concrete stockpiles prior to crushing where required or crush haul roads.

If, during any works and/or placement of materials, this method of damping down is ineffective consideration is to be given to the use of a specialist trailer mounted water misting system.

Operatives that may be directly exposed to dust with the potential of containing loose asbestos fibres shall be equipped with Personal Asbestos Air Monitoring Equipment and PP3 Compliant Masks (face fitted). Please refer to the Risk Assessments Potentially Contaminated Soils, Asbestos in Soils, Asbestos Containing Materials and Hydrocarbons in Soils.

Dust Monitoring

Assessment of dust will be carried out continuously at all site boundaries throughout the works. In the event of unacceptable levels of dust then damping down and/or covering stockpiles shall be undertaken.

Dust monitoring will be carried out at the middle of each site boundary around the site perimeter three times per day.

Dust levels will be measured using a Casella real time dust monitor.

For each round of monitoring the site manager will keep a record of the activities being undertaken on site and meteorological conditions in the "Notes" Section of his Daily Site Records Sheets. A record of air temperature (°C), wind speed (Calm, Moderate or Strong) Wind Direction and precipitation along with a description of any odour, its intensity and persistence will be made.

At all times, excavated materials will be stored in sealed and maintained stockpiles.

If a complaint is received, the Site Manager must contact Head Office (01925 756 033) immediately. Contact details will be taken and an assessment of site records will be made to see if the complaint correlates with any monitoring/recorded events. A follow up call and/or email will be made at the earliest opportunity to discuss the incident along with any subsequent control measures taken.

Assessment of odours will be carried out at the middle of each site boundary around the site perimeter three times per day.

For each round of monitoring the site manager will keep a record of the activities being undertaken on site and meteorological conditions in the “Notes” Section of his Daily Site Records Sheets. A record of air temperature (°C), wind speed (Calm, Moderate or Strong) Wind Direction and precipitation along with a description of any odour, its intensity and persistence will be made. If an odour is detected during monitoring, its proximity in relation to the working area will be noted in the Daily Site Record along with any additional requirements.

Odour levels will be qualitatively assessed as either: None, Low, Moderate and Unacceptable. When even low odour levels are detected, work in the area where the odour is emanating from will stop until the issue has been resolved.

Odour control measures will comprise:

- Damping down and/or covering stockpiles.
- At all times, excavated materials will be stored in sealed and maintained stockpiles.
- Stockpiles that contain waste materials will be centrally located within the site.
- Where particularly odorous materials are encountered, work in these areas will not proceed until provisions are made for the immediate removal of these materials from site. Otherwise, other control measures such as using deodorising additives in the misting unit must be considered.

If a complaint is received, the Site Manager must contact Head Office immediately. Contact details will be taken and an assessment of site records will be made to see if the complaint correlates with any monitoring/recorded events. A follow up call and/or email will be made at the earliest opportunity to discuss the incident along with any subsequent control measures taken.

Noise Control

Work processes and machinery are selected to reduce the exposure to noise. All plant and machinery will have information provided by the supplier of the assessed operational noise levels.

Site managers will regularly monitor all noisy activities to ensure control measures are adhered to. Where noise levels are suspected to be above the lower exposure action level of 80dB, action should be taken for a competent person using noise measuring equipment, to carry out an assessment and implement any necessary procedures to reduce the exposure to noise.

Noisy activities will not be carried out close to the site boundary where the potential for nuisance noise levels to local residents will be higher. Where possible, stockpiled materials may be placed to act as noise bunds, where noisy activities are screened and the potential for nuisance noise levels to local residents can be reduced.

Ear protection zones may be put in place around noisy activities. Ear protection must be provided for operatives where noise levels reach the lower exposure action level of 80dB. Ear protection must be worn by operatives exposed to noise levels that reach the upper exposure action level of 85dB. Exposure levels must not exceed 87dB.

Ear protection must be capable of being used correctly with other items of PPE such as safety helmets and eye protection. Ear protection must be worn when required by a work activities specific risk assessment and method statement.

Work on site is strictly limited to the working hours permitted by the Local Authority.

If a complaint is received, the Site Manager must contact Head Office immediately. Contact details will be taken and an assessment of site records will be made to see if the complaint correlates with any monitoring/recorded events. A follow up call and/or email will be made at the earliest opportunity to

discuss the incident along with any subsequent control measures taken.

Prevention of Surface Runoff

The potential for surface water runoff will be assessed with respect to the existing site topography. Where deemed necessary a cut off trench and/or bund will be constructed using the excavator. The trench will be profiled to channel water to a suitable location within the site. Daily inspection of the trench/bund will be undertaken by the site supervisor, in particular during days of heavy rainfall, to ensure the integrity of the system. Appropriate action to be taken to ensure channel is free flowing and the bund remains intact. During works consideration is to be given when relocating stockpiles in relation to cut off trenches and bund.

NOTICES

Prior to commencing any work at the site all Utility Services, Highway & Local Authorities, HSE, etc., where appropriate, will be notified of our intent to carry out the works. Current Asbestos survey suggests no notifiable asbestos has been identified within any of the buildings, however, prior to demolition commencement, asbestos containing material identified (there are 2 older heater units with wall flues within offices in the greenhouse areas where asbestos gaskets have been presumed present) will be removed. In addition, asbestos cement sheets at the side of a metal unit at the top of the site will be removed before any access for demolition works commence.

HEALTH AND SAFETY

All work will be carried out fully in accordance with the recommendations and statutory requirements, as appropriate of the following publications but not limited to;

- The Construction Design and Management Regulations 2015 – Regulation 20
- The Control Of Asbestos Regulations 2012
- Management Of Health and Safety at Work Regulations 1999
- Environmental Protection Act 1990
- Lifting Operations & Lifting Equipment Regulations 1998
- The Working at Height Regulations 2005

All relevant sections of the Main Contract Specification's Contractors Rules, Client's Contract User Requirement Specification and the Pre Demolition Information Plan for the works.

Redrow are fully committed to giving the highest priority to safeguarding the health and safety of our employees and all those who may be associated with the works and our activities. In this respect it is our objective to complete this project without incident, injury or ill health through proper management, co-ordination and control of the works.

It is in the interest of our company that all aspects of the works are carried out in a proper and workmanlike manner fully in accordance with all current legislation and the recommendations of the Health & Safety Inspectorate and to this end our site supervisor will endeavor to maintain our reputation for safe and reliable working.

HAZARDOUS MATERIALS

Prior to commencing work at any location the site will be inspected and any hazardous material which may be found or which will be used in the works will be recorded and included in the COSHH Assessment which is appended to this safety plan. COSHH MSDS sheets are contained within Appendix 4 of the Construction Phase Plan.

The works will at some stage involve cutting steelwork by hot methods. It will be assumed that all steelwork will be coated with paint containing lead and as such any operative engaged on hot cutting work will be equipped with appropriate P.P.E. and respiratory protection if necessary.

It is possible that whilst carrying out the works drums, canisters, etc. containing liquids, oils or greases may be encountered. Should this situation arise they will be set aside in a designated area for collection and disposal in an authorized waste treatment facility.

It is acknowledged that although the asbestos survey will be comprehensive it may not have identified all of the material at the site which may contain asbestos and that it is possible that further asbestos may be discovered during the demolition operation. In the event that asbestos is discovered or suspected during the demolition operation all work at that location will be suspended immediately and the Principal Designer / Site Manager notified.

Asbestos sheet material within the yard will be removed and heating gaskets identified will also be removed.

ENVIRONMENTAL ISSUES

Noise - It is inevitable that due to the nature of the works some noise will be generated which may be prolonged at times. Where ever possible this will be kept to a minimum and to times when it will cause least disturbance. All plant and equipment used will be of a modern manufacture and will be efficiently silenced to comply with current environmental requirements.

Dust - It is possible that during the works dust may be generated from certain operations. Every effort will be made to minimise the effects from dust and water / sprays will be used to suppress dust at its source where necessary (*suppression to negate any propagation of general dust to neighbouring properties must be consistent and policed*).

Smoke - Burning of waste material arising from the demolition operation will not be carried out at the site.

Refueling Plant & Equipment – gas oil at the site will be stored in a properly designed and approved type fuel tank. Principal Contractor Ltd will adopt Client's environmental and emergency procedures for storing and using fuel in this respect. The Client's procedures will be communicated to Principal Contractor Ltd by the Principal Designer / Project Engineer as part of the induction process.

Surrounding Land - The site is located close to residential properties and also significant areas of vegetation. Due care and attention will be given to avoiding any nuisance to residents and the wider public, as well as and disturbance to wildlife. All work will cease and a competent ecologist notified immediately if any protected species are detected on site.

All operatives working at the site will comply with the Client's rules / environmental policy in this respect. Particular care will be observed when approaching the site from the public highway. Drivers will be made aware of potential hazards and will be mindful of encountering pedestrians in cross over areas.

Wildlife & Countryside Act 1981- Considering the timescale for carrying out the works disturbance of nesting birds will not be an issue. (As confirmed by Client)

RISK ASSESSMENT

Prior to commencing work at any location the works will be inspected and any potential risk identified and assessed in accordance with the Management of Health & Safety at Work:

With regard to this site particular attention will be given to risks associated with the following operations;

Working at height and the risk of falling.

Working at height and the provision of safe access ways and working platforms.

Demolition of structures and the risk from falling material.

Demolition of structures and the risk from premature collapse.

Demolition of structures and the risk from existing live services.

Affects of the works with regard to noise.

Affects of the works with regard to dust.

Hot cutting work and the risk of fire.

Hot cutting work and the risk from fumes from paint containing lead

Removal of material containing asbestos.

Encountering material containing asbestos not identified in the Asbestos Survey.

Use of mechanical excavators and the movement of such equipment around the site.

Use of mobile work platforms.

Use of mobile telescopic cranes and associated lifting equipment.

Accessing the site from the public highway.

Working at a remote and exposed site and encountering severe weather conditions.

Working in close proximity to exposed edges, faces, pits and voids.

Working close to public highways & Watercourse (Council directives essential)

Personnel other than employees accessing the working area.

SITE INDUCTION

It is not expected that more than eight demolition operatives will attend the site at any one time.

Prior to commencing any work at the site all employees will undergo an induction to familiarise them with Client's rules, conditions and emergency procedures. Written copies of these rules will be issued by the Client and will be retained on site for reference as and when required.

The induction will be carried out by the site manager.

Prior to commencing any work within the CDM designated area all employees will undergo a site induction specific to the works. The induction will be carried out by the Site Manager. On completion of the induction all employees will sign onto the Demolition Method Statement for the works.

EMERGENCY PROCEDURE

Principal Contractor will adopt a specific emergency procedure for the site (Fire Risk Assessment in section 7 – Hard Copy on Site). The procedure will be communicated to all operatives by the Client as part of the induction. Principal Contractor will review this procedure and amend it if necessary / accordingly for use within the CDM area.

In the event of an emergency the appropriate emergency services will be called. Work will be immediately suspended and operatives will report to a designated assembly point in accordance with the emergency plan for the Site.

Details of the procedure will be set out in written format and displayed in the site office located within the CDM designated area.

ACCIDENT REPORTING

In the event of an accident occurring at the site a report will be completed and details of the accident recorded in the site Accident Book.

In the event of a reportable accident occurring at the site the HSE will be notified in accordance with the Reporting of Injuries, Diseases and Dangerous Occurrence Regulations (RIDDOR) 2013.

In the event of any accident occurring at the site the Principal Designer / Project Engineer will be notified in writing of any such incident.

At least one First Aider will be included as part of the workforce and will be present at the site for the duration of the works.

EXISTING SERVICES

All existing services affected by the works MUST be cut off, isolated or diverted by the Client, before taking possession of the site, however prior to commencement of any work the Site Manager in charge will ensure that all mains services will have been disconnected or diverted as required and that any live services crossing or adjacent to the site have been identified and protected. Disconnection Certificates must be provided.

All live installations will be identified and marked prior to commencing the works following HSG 47. Client directives to be followed regarding this.

Client, will issue a certificate of isolation relating to all services and a permit to work in this respect prior to commencing work at any location.

SITE ESTABLISHMENT

Prior to commencing the agreed CDM demolition areas will be cordoned off where appropriate using “Herras” type fencing. Warning signs, notices, etc (This will extend to fencing outside the site and positioning of watch personnel whilst high level structures are reduced in a piece small manner), will be posted at the boundaries of the site restricting access to the working area to authorised personnel only.

Welfare facilities will be provided and comply with the Construction (Design and Management) Regulations 2015.

This will consist of a minimum of:

- One portable flushing toilet
- Washing facilities
- Hot and Cold water
- Means of heating water
- Drying room powered 24 hours

All employees and persons working at or visiting the Site will be required to sign in and out of the CDM designated site. The attendance / visitors book will be located in the site office. It will be the responsibility of the site supervisor to ensure that this procedure is strictly adhered to.

PERSONNEL

The works will be controlled by the Site Manager who is fully experienced in all aspects of the works and who is responsible for day to day on site health and safety, is capable of giving and receiving instructions, liaising with the Client and his representatives or any other authority with regard to the works / site. The Site Manager will attend daily briefing meetings and / or weekly site meetings as required to ensure continuing liaison and communication with regard to all aspects of the works between both parties.

All plant operators employed at the site will be fully trained and will hold a current CITB, CSCS or CMPE licence / certificate as appropriate.

PERSONAL PROTECTIVE EQUIPMENT

All personnel employed at the site will be provided with as a minimum the following approved equipment;

- 1 Hard hats
- 2 Eye protection
- 3 Ear defenders / plugs (Where required)
- 4 Safety boots (lace up) & shin guards where appropriate
- 5 Overalls / trousers
- 6 High visibility coats or vests
- 7 Suitable gloves (needle proof where appropriate)
- 8 Inertia type safety harness (to be used when required)
- 9 Appropriate weatherproof outer clothing

In addition to items 1-7 above the following equipment will be provided to all operatives employed hot cutting steel work

- 1 Half face mask with disposable gas filter / pre filter
- 2 Flame proof gloves
- 3 Fire extinguisher

4 Fire blankets

In addition to items 1-8 & 1-4 above the following equipment will be provided to all operatives employed on removing asbestos material

- 1 Disposable overalls
- 2 Disposable gloves
- 3 Half face mask with disposable particle filter / pre filter

HOT WORKS

Hot cutting at the site will be minimised as much as is possible and restricted to the preparation of structures to facilitate demolition.

At all times hot cutting will be carried out in the open. It is not envisaged that any hot works will be carried out within enclosed buildings or confined spaces.

Hot cutting will be carried out using oxygen and propane only. Oxygen bottles will be supplied in a bank and as such will be secure and will be stored at ground level. Propane will be supplied and used in individual bottles and will be stored upright chained to the oxygen bank.

At locations where hot cutting is carried out a minimum of 2 No fire extinguishers will be established to minimise any risk of fire.

On completing hot cutting operations at each location the immediate site will be inspected prior to vacating the working area.

No hot cutting work will be carried out within a period of two hours before leaving the site. Before leaving the site each working area where hot cutting has been carried out will be further inspected to ensure that there is no risk from materials reigniting.

Other than essential hot works all other cutting will be carried using a Hydraulic excavator fitted with a hydraulically operated shear attachment. (Certified under PUWER)

PLANT AND EQUIPMENT

All mechanical excavators, mobile cranes, etc., engaged on demolition work will be of a modern manufacture, properly tested and operated by CITB, CSCS or CMPE trained and competent drivers. Copies of all test and training certificates will be submitted to the Client for inspection and retention.

All mechanical excavators, mobile cranes etc., will be of sufficient capacity and will have enough reach to enable demolition to be carried out whilst standing at ground level. Prior to commencing the working area will be surveyed and existing ground conditions assessed to ensure that it is safe to operate any such equipment in that area.

All demolition work will be carried out from within the confines of the CDM designated area and all plant will be prohibited from operating beyond this line. (As per attached photographs, due diligence to the main roads surrounding the sites and associated blind spots for public persons must be accompanied by bespoke access and piece small hand / small tools upper level reduction).

All hoists, lifts, scaffolds, electrical or air driven tools, etc., which may be used at the site will be tested and certified fit for use.

Only site plant will be allowed on site. All other vehicles are to be parked within the designated parking area.

All vehicles entering site are to report to the site office where they will be directed accordingly onto site.

All site wagons whilst on site are to operate flashing beacons and observe the mandatory site speed limit of 10mph. All wagons are to be sheeted over before leaving site. A traffic management plan will be maintained on site. As works progress across site this traffic management system will be augmented and communicated to drivers.

Signage and fencing will also be used to confirm the traffic management system on site. Wagons will be directed to loading/unloading areas and will be loaded under the supervision of a banksman who following completion of loading will inspect the tipper body sides to ensure that they are free of loose debris.

Once the wagon has driven off, any debris on the floor will be carefully cleared away. Wagons will then be sheeted before leaving site. At no times are wagons to drive across site with their tipper body up. Consignment/Waste transfer notes will be kept for materials collected or imported to site. Where operatives are required to work in the vicinity of site plant, they must be familiar with risk assessments and method statements for working with the various plant found on site. At all times, operatives on the ground must make sure that plant operatives are aware of their whereabouts and eye contact and confirmatory signaling or verbal communication is obtained before crossing the path of or working near to moving plant. More detailed control measures are presented in the Risk Assessment for Site Traffic.

ACCESS TO THE WORK AREA

Prior to commencing work at any location a safe and secure access routes will be established to the working areas. The routes will be clearly identified and will remain clear and unobstructed whilst the works are being carried out. (Full exclusion zones and watch personnel to marshal ALL working areas is a pre-requisite).

DEMOLITION

Asbestos survey undertaken by Search Environmental Services Ltd for the purpose of identifying any asbestos containing materials.

THERE ARE 2 OLDER HEATER UNITS WITH WALL FLUES WITHIN OFFICES IN THE GREENHOUSE AREAS WHERE ASBESTOS GASKETS HAVE BEEN PRESUMED PRESENT. THESE WILL BE REMOVED PRIOR TO THE SOFT STRIP. A NUMBER OF ASBESTOS CEMENT SHEETS AT THE SIDE OF A METAL UNIT AT THE TOP OF THE SITE WILL ALSO BE REMOVED. THE NECESSARY SOFT STRIP WILL BE CARRIED OUT WITH CAUTION IN THE EVENT OF FURTHER ASBESTOS NOT IDENTIFIED IN THE SURVEY BEING IDENTIFIED.

GENERAL

The works extend to the careful demolition of a redundant outbuildings.

SCHEDULE OF PLANT OR EQUIPMENT TO BE RECOVERED

None identified.

DEMOLITION OF HIGH LEVEL STRUCTURES

Public roads run adjacent to the site. The high level structures are large in section, constructed from steel / concrete and are either open or covered over with a selection of brick / masonry. The buildings are supported in the main by steel trestles built on concrete foundations and appear to be in fair condition.

It is intended to demolish all of the structures adopting piece small methods at high level and mechanical methods for structures reduced to below the roadway encroachment distance, recovering material as scrap only.

Once sheets are removed and soft strip material has been purged, the buildings will be reduced in piece small manner with a sentry positioned.

Using a Hydraulic excavator fitted with a certified hydraulically operated shear attachment the steel frames (Once stripped of ancillaries - which are a safe distance from any 3rd parties) and supporting trestles will be cut up in situ after they are pulled inward to site (Cropped – overseen by Client site manager and sentries positioned where 3rd parties may be affected).

Commencing with the interface areas of the buildings first sections of upper structure will be cut away carefully and lowered to ground level (2 No watch personnel will be situated on to warn off any encroachment).

At ground level steelwork will be cut up processed into size using the shear and stockpiled for disposal. Processed steel will be uplifted from the stockpile as the works progress using an excavator fitted with a grab attachment and loaded into wagons for disposal off site. Demolition of the steel frames will be carried out in a careful, controlled and systematic manner as a continuous operation until completion.

GENERAL

Whilst carrying out the operation it may be necessary to process or prepare sections of the facility by hand adopting hot cutting methods. Should this be necessary suitably protected operatives working at ground level will hot cut individual items of steelwork into size using hand held oxy / propane burning equipment. Cut items of scrap will be uplifted using an excavator fitted with a hydraulically operated grab attachment and further processed using the shears or stockpiled for disposal off site later.

SITE FINISH

Existing hardstanding areas will remain following the completion of the demolition works to provide suitable access and egress in the future. This will include the site entrance from the A664. All sheds and structures will be removed and any material that can be recycled on site e.g. All brick / block / concrete material generated by the demolition works will be crushed on site and carted away. Any minor voids present will be backfilled with crushed material and levelled. Cutting or trimming back remaining steel projections flush with ground

level will be carried out by operatives using hot cutting equipment with the remaining foundation / steel removed entirely.

To deter 'fly-tipping' and unauthorized access onto the site following completion of the works, the site will remain secured by the existing lockable gates and the placing of large precast concrete blocks across the access.