Cheshire Demolition and Excavation Contractors Ltd

Health and Safety Method Statement & Associated Risk & COSHH Assessments

"Demolition of 18 Garages

PROJECT: Removal off single height brick garages
Asbestos & Concrete Clad Roofs

LOCATION: Broad St Leek.

CLIENT: Daniel Ferns & Holly Wardley
Contact T B C

DEMOLITION CONTRACTOR: Cheshire Demolition & Excavation Contractors Ltd
72, Moss House Cottage
Moss Lane
Macclesfield
Cheshire
SK11 7TT

DURATION OF WORKS: 2/3 Weeks

PROPOSED START DATE: June 2022

DATE PREPARED: 01 July 2022

PREPARED & ISSUED BY: Mr F S Swindells **SIGNED:** *F.S. Swindells*

EMERGENCY OUT OF HOURS CONTACT NUMBERS:

Cheshire Demolition Ltd: **01625 424 433 / 503 822(office)**

Mr. Stan Swindells (Director): **07714 012 460(mobile)**
Mr Neil Trueman (Director) **07714 012 461(mobile)**

Demolition Site Supervisor: **Mr. TBC**
Site First Aider: **Mr. TBC**

Strategic Safety Solutions Ltd: **01623 600 830 (office)**
Mr Wayne Kirby (Tech IOSH) – H&S Advisor: **07713 055089 (mobile)**
Mrs Sharon Smith (Tech IOSH) – H&S Advisor: **07703 116124 (mobile)**

(1) INTRODUCTION:

The following Health and Safety Method Statement addresses all the foreseeable hazards and risks associated with the Demolition of the 60 garages which we are to carry out on behalf of the David Ferns.

This Statement defines the procedure, which will be applied to minimise the risks and will form part of the Training Document for all Site Operatives. This will ensure that all Operatives deployed to these work operations are made fully aware of their responsibilities and will apply the appropriate “control measures”.

No demolition to take place until confirmation of planning permission, statutory notices to Local Authority, ecology report if applicable have been confirmed

To confirm that all Site Operatives have read and fully understood the contents of this Method Statement, they will sign the attached Health and Safety Method Statement Acknowledgement Form.

To the rear of this Method Statement is an amendment sheet which is to be completed by our site foreman in agreement with the site operatives where there is any potential change / deviation from the original method statement.

Throughout the proposed work operations Mr F.S. Swindells or Neil Trueman will attend the site at regular intervals to monitor the works and the work activities so as to ensure that the works are being carried out safely and in accordance with the control measures identified within this method statement.

Should Mr F.S. Swindells have any concerns during the monitoring of the works and work activities he will contact the company’s external safety advisors Strategic Safety Solutions Ltd who will arrange to attend site along with Mr F.S. Swindells.

(2) SCOPE OF WORKS

a) Provision of welfare in line with current regulations.
b) Removal of asbestos roof cladding to the garages.
c) Hand and Mechanical demolition of existing structure.
d) Removal of foundations / hard standings. (where applicable)
e) Remove debris around the work area
f) Transportation of salvage / waste etc.

We anticipate that the above scope of works will involve:-

a) Erection of heras type fencing to secure the site and to establish safety zones
b) Positioning of safety signage in prominent areas on the heras fencing
c) Confirmation/Identification Client
d) Low level Soft Strip of all building (work completed by others)
e) Demolition of building via machine fitted bucket & grapple attachments

(3) HAZARDS:

1. Working at Height tower (tower or pop up to underside for roof removal)
2. Working with asbestos
3. Falling Persons, Materials, Tools etc.
4. Working in the Vicinity of the Mobile Plant
5. Premature Collapse of the buildings, walls of building etc.
6. Potential Contact with Live Services (Non envisaged)
7. Manual Handling
8. Potential Interaction with general public and other contractors etc.

(4) IDENTIFIABLE RISK

MEDIUM

Our Safety Advisors have identified the foreseeable risk for these work operations as a potential **HIGH** risk activity. However, provided that our Site Foreman inducts all of the staff into the contents of this Method Statement and of the 'control measures' which will be applied during our work operations and all of the staff have signed the attached Method Statement Induction Form as having attended and agreeing to the method of work, then the risk will be significantly reduced to a **MEDIUM** risk activity.

Prior to commencement Site Foreman will undertake the onsite Induction and relay the rules of the site to our site staff that will have read and been inducted into this Method Statement.

(5) DESCRIPTION OF THE BUILDING STRUCTURES :

- Demolition of multiple garages consisting of Brick walls with asbestos pitched roofs

(6) SERVICES:

We will request service location plans from the client Contractor and we will also request the following information from the client.

- Electric Non Identified . (operatives to confirm the area is clear prior to demolition)
- Gas (none identified)
- Water supply removed
- Ensure that a temporary water bowser is available for the suppression of demolition dust / rubble during dry periods
- Copy of the Demolition & Refurbishment Asbestos Survey Report.

(7) SEQUENCE OF WORK:

- On arrival on site our site operatives will attend the site-specific induction and will register within the daily site register. The induction information relating to the location of the Fire Assembly Point which will be positioned at the site office with the Emergency Evacuation Procedure.
- We will also provide site First Aid Arrangements and Fire Fighting Equipment.
- Relay site rules / restrictions from the Client and also confirmation of termination service cable locations.
- Cheshire Demolition to erect demarcation and site perimeter safety segregation temporary heras fencing.
- Bring to Site Mobile Plant i.e. 360º Excavator fitted with processor attachment various sizes to suit the work area
- Remove Asbestos roof cladding (See attached asbestos Statement for removal)
- Once asbestos roof cladding is removed, Having positioned the excavator on the gable elevation, each section of the structure is to be reduced to the ground by the excavator and placed away from the demolition operations our operatives will then process the materials into waste etc and each item will be placed in skips or stockpiled as the site or the materials may dictate.
- A banks man is to be positioned when machine demolition operations.

- Where garages abut adjoining structures operative to carefully remove by hand using hand tools
- Structure will be pulled within the building confines to prevent the debris from being strewn over the whole site.
- Build-up of debris to the buildings will be removed to maintain access routes, operatives to wear the required PPE for the work.
- Safety zones will be erected and maintained where high level works are in progress. Banksman to be used where demolition operations are close to access points.
- Remove waste resulting from the demolition progressively.
- All the waste / debris will be placed into the builder's skips/ company Lorries for removal from site.
- Where floor slabs and foundations are to be removed are to be broken out excavator buckets or using hydraulic breakers fitted to the excavator.

(8) ACCESS TO THE WORKS:

- Vehicular access will be via the existing road off Broad S2.
- All deliveries we will adhere to the traffic management plan whilst delivering and operating heavy plant/ vehicle access to the site we will appoint a banksman who will be responsible for guiding all delivery vehicles and removal Lorries off/on site.
- All of the appointed hauliers delivering/removing equipment/waste from the site will be informed of the vehicle access to the site and will be made aware of the site conditions.
- Once on site we will review the site access and if possible we will form a turning area on site so that all vehicles can leave the site in a forward facing direction.

(9) LOADING AND UNLOADING OF PLANT:

- Prior to arriving on site, we all deliveries will liaise with the site manager regarding the location of the designated loading and unloading area for heavy plant.
- A demarcation area to be provided prior to unloading.
- In order to off load the excavator our trained and competent operator will access the excavators cab maintaining 3 points of contact when climbing into plant. Using the access points secured to the machine.
- Once the operator is within the cab of the trailer we will appoint a banksman to guide the excavator off the trailer and also to prevent persons from accessing the area during the offloading/loading process.
- Cheshire Demolition will be responsible for the transportation of Demolition deliveries to site. All other deliveries to site will be the responsibility of the Principal Contractor.

(10) PROCEDURE

- Any accident that may arise as a result of carrying out the proposed demolition works will be immediately reported to the client so that this can be recorded within the accident book. We will also contact our head office and our external safety advisors who will arrange to attend site to carry out an internal accident investigation should the accident result in being reportable to the HSE.

- Only persons employed and appointed by Cheshire Demolition Ltd or sub contractors will be authorised to be within the demolition area. No other person will be allowed onto our site without the express consent of our Site Forman

- All of our operatives are experienced, trained and competent to carry out these work operations in a safe and controlled manner, having carried out similar work operations in the past.

- Our site operatives have attended several safety courses including the National Federation of Demolition Contractors Health & Safety Awareness course and our staff are C.S.C.S. / C.P.C.S. Registered.

- Personal Protective Equipment will be issued to all of our site staff on commencement of the project and each person will be informed at the Site Induction that the wearing of P.P.E. is a site rule and is mandatory throughout the demolition process, which will be policed by our Site Foreman and also by the company's Safety Advisors during their site inspections. A supply of P.P.E. will be available on site and kept by the Site Foreman for distribution should any of the items be lost or damaged.

- P.P.E. during all demolition processes will include:

    - Hard Hats
    - Safety Footwear
    - High Visibility Vests
    - Gloves (Nitrile A827 /A827P)
    - Eye Protection (impact / scratch resistant EN166 2001)
    - Ear Protection
    - Respiratory Protection (FF P3 disposable dust masks)
    - All Cheshire Demolition Staff were face fit tested for disposable FF P3 dust masks as part of their Asbestos Awareness Training Course.

- We will use the following plant, tools and equipment, all of which will be in a good state of repair and well maintained in line with the requirement of L.O.L.E.R 1998 and P.U.W.E.R. 1998.

    - Excavator komatsu zero swing 13 ton 360°
    - Shear & Grapple, Hydraulic Breaker attachments.
    - Cutting Equipment (Oxy/Propane - Oxy/Acetylene)
    - Six / eight Wheeled Lorries
    - Selection of Various Small/Large Hand Held Tools
    - Skips

- All of the mobile plant will be operated by our C.P.C.S. licensed operatives.

- All mobile plant will be inspected before use by the operator on a daily basis and our operator will ensure that a written report for the plant is completed every 7 days.

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- Our excavator will be equipped with a revolving amber light secured to the cab of the excavator, a reverse alarm and all round vision in the form of mirrors

placed strategically around the body of the excavator. The excavator will also be equipped with F.O.P.S to the top of the cab and to the windows of the excavator in order to protect the operator from the falling / flying objects

- Cheshire Demolition Ltd will be responsible for all on site deliveries associated with the demolition process and will appoint a banksman to assist with all deliveries and removals and we will also use a banksman during the periods when our site plant is carrying out any reversing operations.

- Our Excavator will not be used for carrying out lifting operations.

- Prior to commencing the demolition process we will first identify the hazardous zone / safety zone for the demolition area and establish a 1.8 metre high heras fence around these areas. The heras fence will be supported in manufacturer's blocks and will be double clipped top and bottom of each panel so as to form a secure fence.

- We will post the following safety notices in prominent positions on the protective heras fencing:-

  - Site Reporting Procedure
  - Demolition in Progress
  - Wearing of P.P.E.

- Where Services are identified. location plans will be requested from the Client in order for us to identify the services entering the building and to ensure that the services have been terminated or diverted. We will also carry out a survey of each of the building to ensure that all services have been isolated and also to ensure that none of the isolated service points encroach within our demolition area.

- Fire extinguishers will be available at strategic points within the demolition area. Where this is not practical these will be provided within the company vehicles or at a fire point situated at the access into the hazardous zone. A fully equipped first aid box will be available on site.

- Where hot work operations are envisaged these will be undertaken under the guidance and control of the safe systems of work (Hot Work Permit,) All hot work operations will be suspended a minimum of at least one hour prior to the end of the working shift/day so that the Site Foreman can undertake a 'Fire Watch' identifying and extinguishing any hot spots (smouldering etc).

- Whilst working at height or exposed floor opening areas (excavating the underground tank) we will install edge protection along all exposed edges into the excavation so as to prevent our staff from accessing within two metres of the exposed excavation edge.

- Pits and ducts identified are to be marked and areas segregated and backfilled prior to the demolition works.

- Throughout the demolition process several of the components, may require manual handling. This will include lifting of timber joists /door lintels, various items within the garages of timber studding, de-glazed timber window frames, skirting, architraves and doors etc. Where our staffs consider items to be too large or too heavy for manual handling (team lifting) then these items will be lifted and manoeuvred by using the sites mobile plant fitted with a grapple attachment.

- **No item will be lifted over the heads of site staff.**

- To separate the structures when working at height our operatives will work from a tower scaffold, so as to carefully and in a controlled manner separate the structures by using a variety of hand tools and 110 volt portable electrical tools, angle grinders, disc saws etc.

- All of the demolition waste will be sorted and will be loaded directly onto skips or lorries using the site mobile plant and this will be transported back to our transfer station.

- All waste steel sections and scrap metal will be placed separate from the demolition works which we will then place on a company vehicle for removal from site.

- Several environmental changes may affect the immediate vicinity in which our works are to take place. These will include an increase in noise and dust pollution. To combat against these affects we will where reasonably practicable undertake all work operations during normal working hours (08.00 – 17.00). All machinery will be fitted with silencers and maintained to manufacturers warranties
- Water will be made available and will be connected to all saw cutting machinery or sprayed onto the wall using a fine mist attachment so as to suppress the dust. COSHH data sheets will be made available where hazardous waste or contaminated ground is highlighted. We will appoint a reputable road sweeper to maintain the highway adjacent to the site in a clean and tidy condition. During these periods we will issue our site operatives with the appropriate P.P.E. (ear protection, respiratory protection, eye protection).

- All waste produced during the demolition process will be placed within our roll on/off skip for removal from site.

- All hardcore produced is to be loaded onto eight wheel lorries and removed from site
- On completion of our demolition work we will ensure that the area is cleaned/tidied, all waste loaded into the roll on/off skip, all materials will be placed on company vehicles and removed from site.

- Finally, on completion of all of the intended works we will remove all safety signs and the protective heras fencing and foot blocks and hand the site back to the Client

APPENDICES:

(1) RISK ASSESSMENTS

Protecting the General Public
Demolition Operations
03 - Hydraulic Breakers
04 – Excavators
06 – Disc / Cut off Saws
37 – Use of Oxy/Acetylene Cutting Equipment
54 – Use of Tower Scaffolds
55 – Use of Scaffolds
74 – Structural Stability of the Building during Demolition
68- Asbestos

(2) COSHH ASSESSMENTS

01 – Aggregates
05 – Dust from Masonry Works
24 – Diesel
25 – Hydraulic Fluid
200 – Concrete

Amendments to Method Statement

This Method Statement has been prepared by the Company's Health and Safety Advisor. Any amendments to this Method Statement will be only undertaken by the Advisor and this Statement Superseded.

Where it becomes necessary to amend/alter this Method Statement due to unforeseen circumstances, or changes in site conditions etc., the nominated person in charge of the works will notify any changes to the Company Health and Safety Adviser who will have the authority to rectify the Method Statement.

When the Method Statement is altered/amended all persons employed on the project will sign/initial and date the alteration/amendment.

We have altered/amended this Method Statement to include the following:

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Signed: ---------- Date: ----------

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We have altered/amended this Method Statement by deleting the appropriate paragraphs as indicated throughout this Statement. All deletions have been signed and dated by the appropriate site operatives.

ACKNOWLEDGMENT FORM

Prepared By: Mr W. Kirby – Health & Safety Director
Assisted By: Mr. Stan Swindells (Director)
Date: 23rd February 2121

All Site Operatives /Subcontractors must ensure they have read and understand all the Information contained within this Health and Safety Method Statement, prior to signing this Acceptance sheet

	Date	Print Name	Company Name	Signature
1.	9th Mar 22	F S SWINDELLS	Cheshire Demolition	F S Swindells
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