THOMAS CROMPTON GROUP OF COMPANIES

METHOD STATEMENT

Client - P. Casey

Location/Site Address - 121 Buckley Road, Rochdale

Task – Soft Strip, Remove Asbestos, Demolition, Removal

Date – 05/03/2021



Principal Contractor – Thomas Crompton Demolition Ltd

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Works Package Start Date - TBA

Duration – 6 weeks

1. Project Scope and Resources

1.1 Project scope

This method is focused on the demolition, of a traditional stone and brick-built building with slate roof.

No work will commence until a full demolition asbestos survey has been carried out and any licenced asbestos removed by a licenced contractor.

All services to the building are to be isolated and certificates obtained from the client prior to the works commencing. This document should be read in conjunction with all other relevant supporting information.

There is a prison to the rear of the site.

Thomas Crompton Demolition will at all times follow good practice in planning and carrying out the works





1.2 Drawings

Drawing 1.1



Drawings 1.2

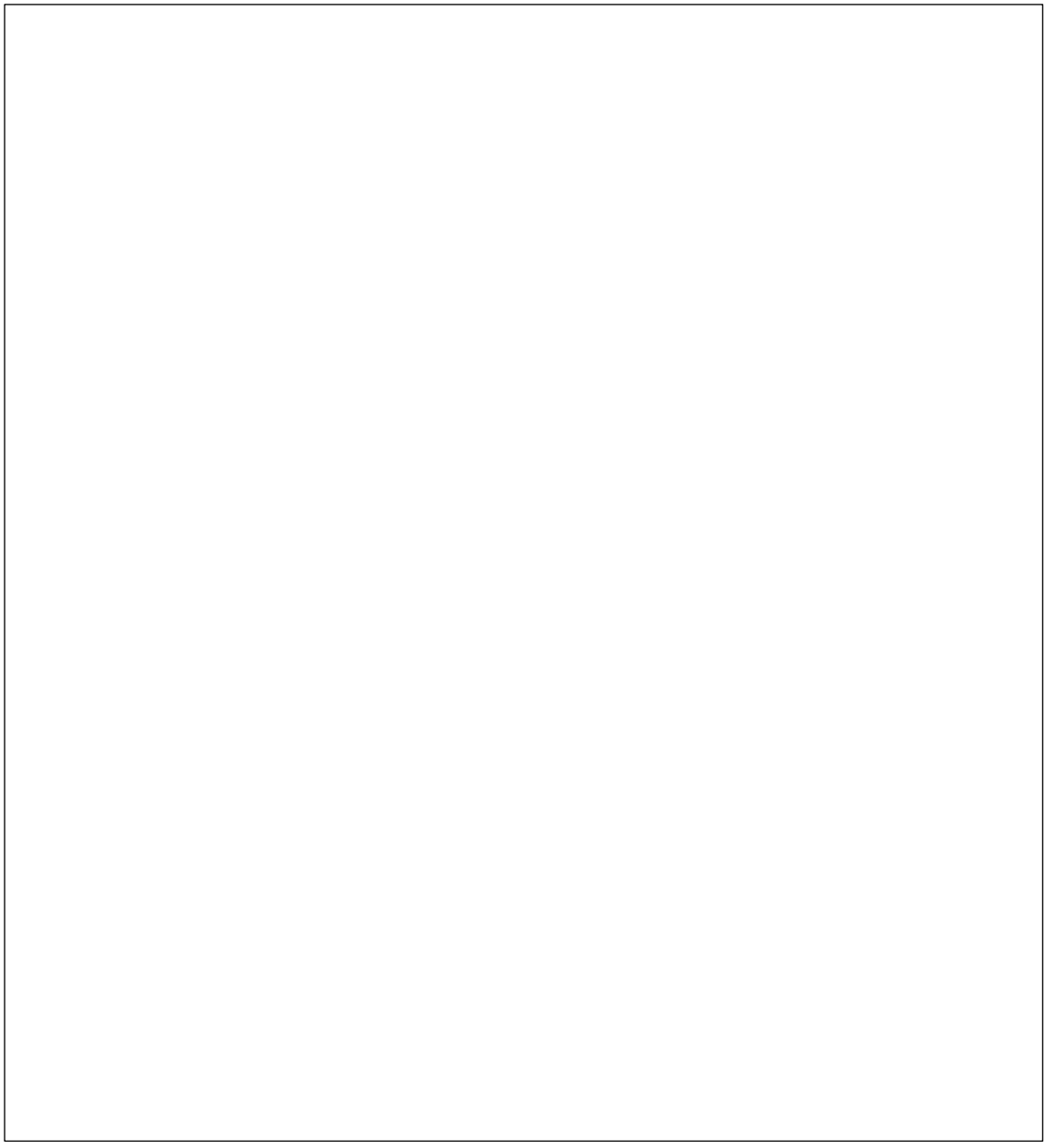
_____EXISTING UNDER GROUND SURFACE & FOUL WATER DRAIN EQUIPMENT APPROX. LOCATION

TBA

Gas Maps

TBA

Electric Maps



TRAFFIC ROUTE



Plant & Equipment Required:

1.2 Site Personnel

- Senior Construction Manager – NDTG Senior Demolition Contracts Manager, NVQ level 7 Member of CIOB x 1
- CCDO SSSTS Site Supervisor x 1
- Plant Ops x 2
- Operators CCDO Topman UKATA non-licensed asbestos removal & awareness x 6

1.3 Plant & Equipment

- 470 High Reach Rig with various specialist attachments
- 360 Demolition Rigs c/w various specialist attachments
- Various Hand Tools
- Roll on Roll off Bins
- Mist Cannon
- Tipper Trucks
- Municipal Road Sweepers

1.5 Hours of Work

- Mon-Friday 07:30 – 17:00
- Sat By Agreement

2. General Health & Safety

To be observed by all staff always, any deviation from these control procedures must be authorised by the Senior Construction Manager or The Health and Safety Manager.

Safe Work Practices

We will adapt our practices and procedures to maximise safety when working adjacent to existing occupied buildings. The adaption of safe working methods for residential access and construction works is of paramount importance and fundamental to the successful operation of the project. All operatives will receive an induction course prior to starting on the site which will ensure that site rules are adhered to and that safe working practices are upheld.

In order to minimise nuisance that may occur, we will plan and sequence all operations in advance, operating modern plant and equipment. Our policy will be wherever possible to concentrate noisy activities within agreed periods. We will also enforce the following site rules:

Careful selection of demolition method
No personal radios will be allowed on site
Equipment to be fitted with appropriate attachments to reduce noise and dust
Recognition of stipulated requirements.

3. Monitoring and Performance

Overall responsibility for the monitoring of health and safety performance lies with the site Supervisor for Thomas Crompton Demolition Ltd. He will liaise with the Thomas Crompton Demolition management team daily and discuss all hazards and risks associated with the current activities on site. Thomas Crompton Demolition's HS&E advisor will visit the site weekly to undertake a progress and safety tour with the site supervisor.

4. Training & Induction

The works will be carried out by staff from Thomas Crompton Demolition (excluding licensed asbestos removal, Slate removal) all staff are qualified, experienced and hold the appropriate valid CCDO/CSCS/CPCS/NFTG TOPMAN/UKATA cards. All copies of cards will be made available during the site induction. Staff will be inducted onto site by the Site Supervisor prior to commencement of any works, all site rules and safety procedures will be covered.

5. PPE

All site operatives will wear Safety Boots, Hi Visibility vests/jackets, Hi Visibility coveralls, Gloves, Goggles and Hard Hats. Other items of PPE such as hearing protection are also issued and will be worn when necessary. **Safety harnesses will be worn always by operatives who are working at height.** Safety harnesses and lanyards are to be checked by the operatives using them before and after each use and will have a more thorough check by a competent person every 3 months, the certificates will be displayed in the site office.

6. Welfare

Thomas Crompton Demolition will provide adequate welfare facilities, washing, toilet, drying and canteen facilities. Hot and Cold drinking water. All staff to respect the facilities provided and report any problems/defects to the site supervisor immediately.

7. First Aid

Thomas Crompton Demolition will ensure a qualified first-aider and suitable first aid equipment will be on site at all times.

8. Site Access and Egress

Thomas Crompton Ltd will ensure safe access and egress to and from the site is maintained for themselves and others associated with the project. Good standards of housekeeping will be maintained always. Daily liaison with the Thomas Crompton management team will be ongoing throughout the works.

9. Material Handling

All materials required for the site will be unloaded to a designated unloading and storage area which will be away from the work area as far as is practicable. This area will be kept tidy to minimise trip hazards. Materials collected from the storage area and taken to the work areas when required. All staff will take care when handling materials, materials will be handled by mechanical means where practicable.

10. Manual Handling

All staff have been instructed on the potential dangers of manual handling and have received manual handling training. Staff will not lift items of tools, equipment or materials beyond their capabilities. Heavy or awkward items will be broken down into smaller units or dual lifting where this is not possible. It is the responsibility of the site supervisor to identify and control potentially dangerous manual handling procedures as they occur on a day to day basis.

11. Contract/ Visitor Safety

Thomas Crompton Demolition Ltd will liaise with any contractor/visitors on-site on a day to day basis. Access into the working demolition zone shall be by prior agreement only, all visitors will be inducted prior to entry to the site to ensure they are aware of the risks and site rules.

Staff will not leave any area of work in a dangerous condition which may present risks to themselves, or visitors, all tools and equipment will be cleared to secure storage at the completion of each sift.

12. Excavations/ Sub-structures

All site personnel will be briefed and be aware of the inherent dangers associated with excavations/ substructures. The site supervisors will ensure that all excavations, cellars, basements are afforded the necessary protection against collapse. Suitable and sufficient edge protection in the form of fencing/stop blocks will be provided to prevent personnel from falling into excavations and machines tracking too close to the edge.

13. Members of the Public

It is imperative that all hazards associated with the works which could impact upon members of the public have been identified and measures are in place to prevent any potential injury or near miss occurring.

Herras fencing constructed to BS 5975:2005+A1:2011 and NFDC Guidance DRG 106:2014 for procedures for their management and control, will be erected around the whole site with locked gates at the entrance. The gates will always be locked. The fence will be erected around the site so as not to impede on the public footpath. The site supervisor will inspect the perimeter fence on arrival in the morning and prior to leaving on a night. This inspection will be documented in the site diary. On-site security will be in place from 5:00pm until 7:00am, at no time will the site be left without a security guard. Prior to leaving the site in the evening, machines will be parked in the designated area in full view of the security guard. Machines will be locked, and the keys removed. Public path to be accessible, no closure of path.

14. Refuelling

Mobile plant will be re-fuelled in a designated area using self-cut-off nozzles to prevent overflow. Buckets to be lowered and placed on the floor. Engines to be switched off and Keys removed. The thumbs up signal to be given when this has been done and only then can an operator approach the machine to refuel.

Spill kits will be kept on site for emergency use. All spillages will be reported immediately to the site foreman and dealt with promptly. Containers will be kept away from drains and watercourses; Special care will be taken during deliveries, particularly when fuels are being handled. All flammables will be cleared and removed from site and will not be allowed to accumulate or restrict access to any part of the site.

15. Drainage

Drains to be protected, prior to any commencement of Demolition, excluding soft strip and the removal of the Non-licensed and Licensed Asbestos. A survey will be undertaken to determine the location and condition of all drains and water mains. Once the supply lines are identified, they will be marked out on site and protection will be placed over the pipes and manholes, by way of steel plates and fencing.

From the map supplied by Yorkshire water no pipes are directly under or within 5 metres of the direct demolition zone. Exclusion zones will be in place around any pipes that are within the direct demolition zones, no heavy machinery to work or track within 5 meters of any pipes. No heavy machinery to dig within 5 meters of the identified pipes.

16 Dust Suppression

All reasonable measures to ensure effective dust suppression on site during demolition and site clearance to be taken. Fine mist sprays in the form of hose pipes and hand-held pump spray atomisers will be utilised along with a mist cannon, which projects a giant plume of finely atomised water droplets into the air to suppress dust effectively before it disperses into the environment. The mist cannon will propel mist up to 30m and can swivel by 270°, giving a maximum ground coverage of up to 2,800m² with a single sweep

A mechanical water tanker will also jet water over the area being demolished. A mechanical sweeper will be used to clean all roads to avoid dust leaving the site. Dust suppression will be present throughout the demolition, foundation break up and groundworks. When demolishing the buildings, the machine will use a grab attachment to dismantle the building and lower the materials to ground level to minimise drop heights. Water suppression will also be used during demolition and loading of vehicles. All vehicles are to be sheeted when leaving the site. All staff are to be made aware of dust nuisance and the need to read and sign up to the dust management scheme. Any materials that have the potential to produce dust will be removed from site as soon as possible.

An emergency 24-hour number will be displayed around the hoarding and the site supervisor assess the weather conditions on a morning before work commences. Should there be strong winds or winds blowing to neighbouring properties, any activities with potential to create dust will be postponed. A road sweeper will be present when hard demolition is taking place and will maintain a clean route for the wagons

Thomas Crompton Demolition Ltd where practical will also use fine mist sprays positioned on lifting platforms spraying downward.

All Thomas Crompton Demolition operatives are supplied with FFP3 face masks

17. Environmental

Thomas Crompton demolition is committed to quality in the delivery of its service to its clients, including legal and regulatory responsibilities to the protection and care of the environment. To this end, our environmental policy is regularly reviewed by the management team to ensure its effectiveness, continuously improve our operations and ensure it remains appropriate to the purpose, scale, nature and impact of the company's operations in the reduction/prevention of pollution and other damage to the environment. Thomas Crompton Demolition Ltd is a member of the Chartered Institute of Waste Management. Mr Thomas Crompton MCIWM CRWM CIOB keeps the company up to date with all legislation.

18. Method Statements

18.1 Overall Scope of Work

The scope of work covered within this method statement consists of the following:

- Site Set Up
- Plant & Skip Delivery
- Soft Strip
- Removal of Asbestos Containing Materials
- Removal of Slates
- Mechanical Demolition

18.2 References

References should be made to the following documents that cover details related to the project and work being carried out.

- CDM Regulations 2015
- HSG 47 Avoiding the Dangers from underground services
- HSG 51 Protecting the Public
- HSG264 Asbestos survey guide
- Asbestos Essentials (Non-Licensed Works)
- Control of Asbestos Regulations 2012
- BS6187:2011 Code of Practice for Demolition
- All relevant on-site Drawings
- Personal Protective Equipment Assessment
- Manual Handling Assessment
- Task Specific Risk Assessment
- COSHH assessment

18.3 Methodology

Prior to commencing work on site, **all** personnel **must** sign in and receive Site Induction

Prior to commencing any work activity **a**ll personnel **must** receive a Method Statement and Risk Assessment briefing and they must sign the Briefing Register to confirm they have fully understood all aspects of the briefing.

18.4 Site Set up

	SCOPE: Site Set Up	
1	A herras fence to be constructed to BS 5975:2005+A1:2011 and NFDC Guidance DRG 106:2014 for procedures for their management and control. This Fencing to be in situ for the full development period. Entrance gates to be kept locked at all times. The fence will not obstruct the public footpath.	
2	Mobile welfare facilities and site office to be positioned in view of entry gate on	
3	Each unit will be tested and certified ready for use.	
4	A means of heating water for hot drinks and washing hands and cups will be provided along with a means to heat food, this will be in the form of a microwave oven. All site facilities will be kept in a clean, tidy and hygienic condition i.e. cleaned daily. COVID_19 Government guideline to be followed at all times	
7	Clear signage will be displayed identifying emergency access routes within the buildings, this plan will be updated as routes change. This will be undertaken by the site manager daily or as required.	
8	Exclusion zones and drop zones will be positioned and fenced, clear signage will be displayed identifying the area	
9	No Plant will be delivered until all sewer and water lines have been clearly identified and protected.	

18.5 Skip Delivery

	Scope: Delivery to site the Waste Containers for use during the works.	
1	All plant skips and equipment that will be delivered to site will be planned; access is A58 turning on to Buckley Lane onto Bucley Road and into site.	
2	Access to the demolition works site will be controlled by banksmen. Plant will arrive at the site entrance on the trailer of a low-loading vehicle.	
3	Confirmation that a "Banksman" will be used to control the delivery vehicles movements within the demolition site area. Including access and egress into the site. Site Supervisors Signature…… Date……	**HOLD**
4	The Banksman will direct the driver to the unloading area/point within the site. Vehicle movements will be under the strict control of a banksman	
5	The vehicle driver will then remove the skip, placing the skip onto wooden boards to minimize the damage to the tarmac. The vehicle driver will then remove the Plant/machinery/load-securing chains to enable the plant operator or vehicle driver to remove the plant from the vehicle. The plant/machine will be driven off the low-loader to a safe location within the segregated work area away from delivery vehicle water pipes and pedestrian routes. (Track vehicles to be driven on protective road plates only.)	
6	The load-securing chains will be gathered and secured ready for transportation.	
7	Under the direct control of the banksman, the driver will then exit the demolition area and will leave the site via Hareshill Road on to Pilsworth Road.	

18.6 Soft Strip of Structures

	Scope: The clearance of any rubbish left by the previous occupiers. The Soft Strip of all structures which include the removal of any fixed items such as cupboards, doors, skirting, toilets, and any non-load bearing partition walls. Work to start from the top floor working down	
1	Confirmation that prior to any works taking place, the immediate area around the building is secure. Warning signs have been posted. The whole of the demolition works area is within an exclusion zone. No members of the public can enter. Site Supervisor Signature…… Date……	**HOLD**
2	Confirmation that a pre -demolition R&D Asbestos Survey has been carried out on the building and all ACM's has been removed from site during asbestos removal works Site Supervisor Signature……..Date……	**HOLD**
3	Confirmation that the Site Supervisor has in his possession written confirmation of all services disconnections/terminations. Where services are not terminated at the site boundary, the precise location is known and documented and where required pipework purging has been carried out. Site Supervisor Signature…… Date……	**HOLD**
4	Confirmation that additional fencing has been installed around the identified openings prior to the soft strip commencing, creating suitable and sufficient drop/exclusion zones. Site Supervisor Signature…… Date……	**HOLD**
5	Operatives wearing the appropriate PPE (see PPE assessment) will strip the items described in the scope using hand tools and power tools, including lever bars, sledge hammers and wheel barrows	
6	Operatives are to be vigilant always,. Needles are not to be handled. Puncture gloves are to be worn. Needles are to be picked up using a long mechanical grabber and placed in the sealable sharps container provided.	**SAFETY**
7	Access/Egress points within the structure will be kept clear of any debris to avoid slip and trip hazards. Access into these areas will be limited and controlled by the working area supervisor.	
8	Guano/Bird Dropping are evident in several areas, operatives wearing the appropriate PPE (see PPE assessment) will spray the guano with a disinfectant solution. The guano is to be dampened to avoid micro-organisms becoming airborne. Using wire brushes and scrapers with minimum one-metre handles to scrape the guano onto minimum 200-guage polythene sheets. Sheet, gloves, goggles, coveralls and masks to be disposed of as hazardous waste.	**SAFETY**
9	Any access to heights will be from mobile scaffold towers, podiums or hop ups. Qualified operatives are to erect such platforms.	
10	As material piles build up within the work zones, they will be periodically removed by mechanical means wherever possible. Access routes will always be kept clear.	
11	Windows and their frames will not be removed during the soft strip works.	**SAFETY**

18.7 Removal of Asbestos Containing Materials

	Scope: This element of the method statement consists of methodology for the removing the non-licensed asbestos containing materials. A full pre demolition asbestos report is to be carried out prior to any works,, should any asbestos be found the following method of removal will be carried out. Thomas Crompton Demolition will NOT remove any licenced asbestos, should licenced asbestos be identified in the report. Thomas Crompton Demolition will require sight of the clearance certificates. Prior to Demolition.	
1	Confirmation that the removal works have been notified using NNLW1 for the notifiable non-licensed asbestos work. Site Supervisor Signature…… Date……	**HOLD**
2	To reduce exposure to fibres the following controls will be applied: **ENGINEERING CONTROLS** Killaspray 5-litre pressure sprayer or water hose with atomising nozzle **PPE:** Disposable coveralls (Type5) Rubber Gloves Steel-toe wellington boots FFP3 disposable respirators Hard hats	**CONTROL**
3	Walk operatives around the work area, identifying the work areas and talk over the methodology to be used. Ensure the location of the waste skips/containers are suitable and sufficient for the work. Return to the welfare facilities and carry out a pre-start tool box talk and run through the plan of works, the risk assessments and general methodology to ensure that all operatives and team members are fully aware of the activities that will be undertaking as part of the contract.	**SAFETY**
4	The asbestos containing products will be removed as far as is reasonably practicable by adopting the methods as described in the HSE's Approved Code of Practice L143 "Managing and Working with Asbestos" and Asbestos Essentials for works which do not usually require a licence.	
5	The non-licensed materials shall be removed by Thomas Crompton Demolition Ltd operatives who are qualified in the removal of non-licensed materials.	
6	Confirmation that an exclusion zone has been established to the working area. Warning signs have been posted and unauthorised access is prohibited. Site Supervisor Signature…… Date……	**HOLD**
7	Confirmation that a decontamination area has been established as close to the working area as is reasonably practicable. Site Supervisor Signature……Date……	**HOLD**
8	Using handheld atomising sprays or suitable water supply for the works saturate the materials which are to be removed as per Asbestos Essentials EM5.	
9	Using the appropriate hand-held tools and equipment, release asbestos containing materials complete, keeping the material and area damp at all times. However, as the adhesive on these materials may still be fixed to the floor or surfaces, further scraping maybe required.	
10	The materials are to be placed into Red asbestos bags (not to be over filled), double bagged and then taped. The bags are then to be placed into the asbestos waste skip(s) ready for onward disposal.	
11	No eating or Drinking within the Asbestos removal area	

12	On completion of the works, the Thomas Crompton Supervisor will inspect the work area to ensure that all identified asbestos containing materials have been removed.	
13	On completion of the works, at the end of shift or prior to any break periods operatives shall decontaminate following Asbestos Essentials EM8 guidance (copy of guidance is included in the site safety file). Where there are 2 or more operatives they shall help to clean/decontaminate each other.	
14	All waste movements will have transfer notes/hazardous waste consignment notes, copies of which will be retained on site for inclusion in the Health & Safety File. All waste will be disposed of at a licensed facility.	

18.8 Hard Demolition

1	Confirmation that an exclusion zone has been established to the working area. Warning signs have been posted and unauthorised access is prohibited. Site Supervisor Signature…….Date…….	**HOLD**
2	Confirmation that all sewer lines, water lines, manholes have been protected. Confirm all services have been disconnected at the boundary, check all service plans on site and ensure all the service plans are consistent with the site. Site Supervisor Signature…… Date…….	
3	Walk operatives around the work area identifying the work areas, sewer lines/water lines and talk over the methodology to be used. Ensure the location of the waste skips are suitable. Return to the welfare facilities and carryout a pre-commencement tool box talk and run through the plan of works, the risk assessments and general methodology to ensure that all operatives and team members are fully aware of the activities that will be undertaking as part of the hard demolition.	**SAFETY**
4	Ensure Machines are positioned 5 metres away from any underground water lines/sewer. Check machine testing certificates are in date.	**SAFETY**
5	All operatives to stand outside the exclusion area, these operatives are to closely observe the hard demolition and identify materials which should have been previously removed so they can be dealt with appropriately. Radio communication between operatives and machine operators is to be by mobile radios, which are to be checked daily for fault.	
6	Confirmation that dust suppression is in place and in working order, dust cannon to face the demolition area, hoses will be in place jetting area to be demolished. Site Supervisors Signature ……Date…….	
7	No operatives are to enter the exclusion zone until all mechanical excavators are switched off with their buckets down and the keys removed. Once this has been done the machine operator will give the thumbs up. (See site Health & Safety file for safe distances for each machine)	**SAFETY**
8	Confirmation roof area has been surveyed for bat activity, **any evidence of bats, work must not continue, and client informed** Site Supervisors Signature ……Date……. Confirmation rescue plan and loller Certs are in place Site Supervisors Signature ……Date…….	
9	Operatives are to be vigilant at all time, whilst working on the site, should any evidence be found of bat activity during this demolition, work is to cease immediately, and the client informed, a survey will be carried out to confirm bats roosts. The client will instruct an Ecologist to survey the relevant buildings	

	and if bats are present, apply for a Bat Licence to Natural England (NE). If Bats are confirmed, appropriate mitigation measures will be put in place before the hard demolition resumes in accordance with a NE approved Licence and Method Statement to be provided by the client Safety edging is to be places around the roof. Mobile Elevating Work Platforms will be used to remove the roof slates. Fragile roof areas to be highlighted and access avoided, or protective measure put in place. Once operatives have accessed the roof an aluminium cat ladder will be used for fixing to hersher rails. All operatives will be harnessed to this. Access points to the road will be controlled/removed during out of hours. All loose materials, tools and equipment will be removed from the roof at the end of the shift. Operatives will break through the roof at a suitable point Operatives will commence at the top of the roof removing ridge tiles, all material will be passed down in a safe and secure manner via the lifting tower, when materials are being lowered down all operatives will be removed from the roof. Operatives will carefully lift the roof slates by removing the holding nails using a claw hammer. Operatives will lift the roof slates from the supporting timber slats.	
10	The building structure will be demolished from top down floor by floor The high-reach rig with grab attachment NFDC High Reach Demolition Rig Guidance Notes For demolition machines of 15 metres working height and above, will remove the structure and place the materials on the floor to minimise dust and keep control of the materials. The high-reach rig will stop at regular intervals to allow clearing of the work area. The high-reach excavator will stop with the arm and attachment down, the keys will be removed and the thumbs up sign will be given. A second excavator with grab attachment will pick the material up and place it into skips/wagons, clearing the way for the high reach to continue.	
11	Operators to continually check sewer lines and water lines to ensure that they are still protected. At no time has any machine to track over or within 5 metres of any sewer/water line. The structure should be subject to continuous monitoring during the demolition process	**SAFETY**
12	All waste movements will have transfer notes, copies of which will be retained on site for inclusion in the developing health & safety file. All waste will be transferred to licenced facility	

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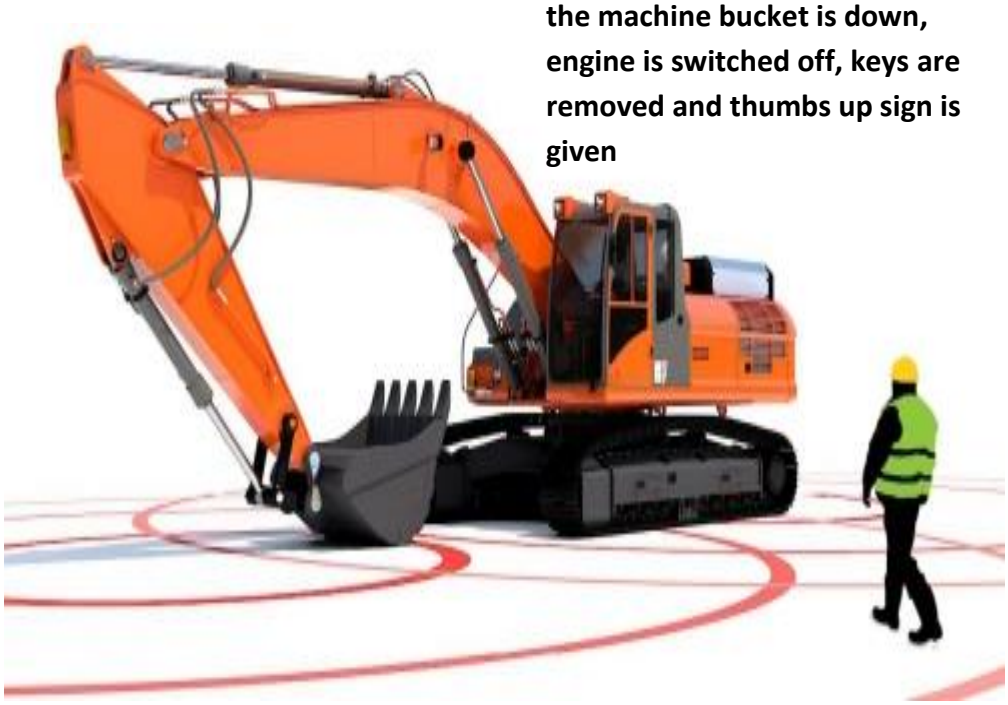

Only enter exclusion zones when the machine bucket is down, engine is switched off, keys are removed and thumbs up sign is given



THUMBS UP FOR SAFETY

Declaration by Employees and Contractors

THOMAS CROMPTON GROUP OF COMPANIES

I HEREBY DECLARE THAT I HAVE READ, FULLY UNDERSTOOD AND AGREE TO COMPLY WITH THIS METHOD STATEMENT.					
Name	Signature	Date	Name	Signature	Date

Notes