

SAFETY METHOD STATEMENT

For

**Demolition, Salvage & Site
Clearance Works**

At

**The Barn Off Church Street,
Bolton-on Dearne, Barnsley, S63
8LP**

Date: 9 February 2018

Work method and risk assessment for Demolition and Site Clearance

This method statement and risk assessment is for securing the health and safety of all those who are carrying out the demolition work and all others who may be affected by it.

Before commencement on site each employee is informed on the general health and safety plan and procedures.

The works will be carried out by a gang of 4 operatives, one of which a foreman. A supervisor will have the overall responsibility for the men and the works.

Prepared by Andrew Tinker

9 February 2018

1. Site address and exact location of work:	The Barn Off Church Street, Bolton on Dearne, Barnsley, S63 8LP		
2. Describe the task/activity or project being undertaken:	Demolition, Salvage and Clearance of the Barn	Start / Finish date:	08.00 – 18.00
		Start / Finish Time	08.00 – 18.00
3. Brief Description of Site:	The Site is located down a quiet road in Bolton on Dearne surrounded by residential properties, the site is fenced. The Barn has been badly fire damaged and is in a very poor state of repair.		
4. Provisions & Arrangements by Client:	Perimeter fencing and archeological survey.		
5. Legislation:	During the course of the project all regulations and approved codes of practice to follow shall be adhered to at all times whilst on site: • BS 6187 (2000) – Code of Practice Demolition • BS 5228 – Noise and Vibration Control on Construction and Open Sites • Health and Safety at Work Act 1994 • Manual Handling Operations Regulations 1992 • Construction (Design and Management) Regulations 2015 • Lifting Operations and Lifting Equipment Regulations 1998 • The Management of Health and Safety at Work Regulations 1998 • Personal Protective Equipment at Work Regulations 2002 • Dangerous Substances and Explosive Atmospheres Regulations 2002 • Control of Substances Hazardous to Health Regulations 2002 • Control of Noise at Work Regulations 2005 • Control of Vibration at Work Regulations 2005 • Work at Height Regulations 2005 • HSG 47 – Avoiding Danger from Underground Services • HSG 141 – Electrical Safety on Construction Sites • HSG 144 – The Safe use of Vehicles on Construction Sites • HSG 149 – Safe Manual Handling on Construction Sites • HSG 150 – Health and Safety in Construction • HSG 151 – Protecting the Public – Your Next Move		
6. Access & egress arrangements to/from site and the working place(s)	The main entrance will be indicated by signage, one entrance will be used for both access and egress with a compound area. The demolition area will be segregated from the welfare area.		
7. Responsible Personnel:	Personnel directly responsible for carrying out the works:		
	Name	Contact Number	
	Andrew Tinker	07977 468338	

8. Site Induction & Procedures:	On arrival to site all personnel are to receive a site specific safety induction to be undertaken by the Site Manager. During the course of the induction areas to be covered which is not exhaustive shall include: • Welfare facilities • Emergency Procedures • Site Rules and Requirements i.e. PPE etc • Health and Safety Documentation • Health and Safety Policy Statement • Who to contact on site with regards to health, safety, equipment and welfare • Site specific risks On completion all personnel shall sign the “induction register” confirming their understanding and acceptance of all information as discussed within the induction. Tool Box Talks shall be given at least weekly although it is expected that this work will be finished within the week. Tool Box Talks shall also be used to communicate to all staff where ever working activities or site conditions have changed and form, as part of the requirements of CDM 2015, site training and health and safety consultation. Minimum PPE to be worn on this site shall be safety helmets, safety footwear, hi visibility clothing. Further PPE shall be obtained from the Site Manager in accordance with the risk assessment for the task being undertaken. Any visitors wanting to enter site shall be allowed to do so only within the company of the Site Manager and once briefed of the site conditions and rules. They shall be wearing PPE to comply with the site rules.
9. Client or site specific safety rules that apply to the project:	General Safety regulations apply
10. Site Establishment:	The footprint of the building on site and any existing fencing and security gates shall be used to define the safe working enclosure. The integrity of this shall be maintained at all times. Attached on to the fencing shall be signage stating “Danger Demolition Keep Out”. Upon entering site the main entrance gates shall display the minimum site PPE and the gates shall be secured at all times.
11. Welfare Facilities:	Welfare facilities which comply with the Construction (Design and Management) Regulations 2015 shall be established at a designated safe and secure location. These welfare facilities are to include: • Toilet facility All welfare facilities are to be maintained in a clean and tidy order.
12. Waste Containment:	The appropriate waste container shall be brought onto site as required by the Site Manager. To his discretion all waste containers once full shall be removed from site and replaced with empty ones. An exclusion zone shall be established around the skips once on site. Skips shall be placed within the site compound.
13. Disposal of Waste Materials (Hazardous and Non-Hazardous):	Disposal of all waste materials will be in accordance with current regulation requirements. Any hazardous waste will be transported by a registered carrier to a licensed tip – strictly in accordance with the Hazardous Waste Regulations 2005.
14. Scope of Works:	Salvage Demolition Disposal of waste
15. Arrangements for the safe disconnection / reconnection of mechanical, electrical & other building services:	All services will have been isolated prior to our arrival on site.

16. Plant to be used on site:	JCB 220XD Demolition spec excavator Boom lift personnel platform Dump truck Waste skip
17. Sequence of Operations and / or the method or technique the project or task must be carried out:	Operatives will arrive on site, erect safety signs and ensure the site is secure. Services are disconnected, visually identify the capped off area. All operatives will be inducted by Site Manager, an onsite toolbox/induction will be carried out. Trucks/ low loaders carrying plant and skip Lorries will arrive; these will be watched in by operatives and unloaded in a safe area. All movements in and out of the gates will be at odd peak times to ease any traffic problems Demolition and Salvage: The following material has been identified as having potential for salvage and the work undertaken in demolishing the building will seek to recover where possible the material, which will be set to one side and safely stored for reuse. This material has however been identified prior to demolition and further checks on the suitability of the material will have to be made following demolition. It cannot be guaranteed that all of the materials will be salvaged, particularly in the context of the materials exposed to heat (the previous fire) which may render some of the materials unusable. The following material will be retained where possible: 1) some of the Welsh slate roof tiles; 2) some of the squared stonework, especially the quoins (corner stones); 3) door jambs and lintels to the west elevation of the 2 storey range; 4) principle rafters of truss in 2 storey range, also possibly some purlins and common rafters; 5) brickwork of the internal division with the 2 storey range; 6) early 2 light mullioned window in 2 storey range (only visible internally in apex); Welsh Stone slates will be removed by hand, from above using boom platform, slates to be lowered down on the boom platform not exceeding weight load and placed in compound storage area on the ground. Truss and rafters will be lifted down with chains/JCB 360 to ground level and placed in the compound storage area. The first floor walls will be dismantled by hand, stones will be dropped to the floor into the netted area all stone will be moved via 360 away from the building to be sorted through for salvage. The floor on the first storey will be removed in sections and the corresponding ground floor wall sections will be dismantled by hand, this process will be repeated until the building is at the ground floor level. Lintels and door jambs will be removed by hand and set aside within this process. The small single storey red brick building will be demolished by hand, salvageable bricks will be retained. The free standing gable end of the barn will be demolished with the JCB 360 to ground level, the stone will be sorted for salvage. All wastes will be segregated at source and loaded into the appropriate skip for recycling.

	Upon the completion of the works the site will be levelled and graded. A banksman will be present at all times of demolition and a sweep of the building will be conducted each morning to ensure no body has entered overnight
18. Hot Works:	N/A
19. Removal of Floor Slab, Foundations & Footings:	All associated floor slabs, foundations and footings shall be removed by the excavator. The removal of the floor slabs and footings shall immediately follow the demolition of the respective building. The excavator with bucket / ripper tooth attachment shall remove all foundations and footings located within the ground as per the footprint of the building. All material removed shall be gathered by the excavator and added to the stockpile to be removed from site to waste disposal.
20. Completion Arrangements:	The site shall be left in a clean, tidy and safe condition.
21. Amendments:	The above safe method of works should not be considered to a final or exhaustive document. Working methods may change during the course of these works from that which were originally envisaged. Where working practices do change the safe method of work shall be amended to reflect this. In such circumstances all personnel shall be given a toolbox talk, by the Site Manager to cover all amendments made. All personnel are required to sign and date the sheet attached with the amendment to confirm their understanding and acceptance of the change in working practices. Any amendments to the safety method statement shall be developed either directly on site by the Site Manager, through the attached amendment form.
22. Site Safety:	Prior to the end of the working day and the shutting down of the demolition site the Site Manager shall ensure that it is left in a safe and secure condition. Any loose pieces of material and debris shall be removed from the building and placed at ground floor level. The next working day the Site Manager shall inspect the perimeter of the site and if safe, within the building to ensure that there has been no unlawful access onto site and that no unauthorized persons are within close proximity prior to demolition works recommencing.
23. Environmental Considerations:	a. Noise All plant used is of the appropriate specification to best suit our needs. All plant and equipment are serviced regularly and kept well maintained. Any loose paneling shall be dampened by the company mechanic to prevent vibration and noise emissions. All plant shall be positioned strategically on site and be in operation at suitable times to avoid any nuisance concerns to local residents, especially within sensitive areas. Where noise levels exceed the 80DB threshold all employees shall be made aware and ear protection provided if required. Where noise levels exceed 85DB all persons within the immediate area shall be made to wear ear protection and this shall be policed by the Site Manager. In such areas the mandatory blue signage shall be erected and the area shall be deemed an area where ear protection is required.
24. Emergency Procedures:	Falls from Height: In the event of a man falling from works at height and the casualty being suspended in mid air from the safety harness all other works shall be stopped. The emergency services shall be contacted immediately. If access permits and if safe to do so the suspended man shall be pulled into a lower level / floor of the building. If available a

	safe working platform / access equipment shall be utilized to gain access to the suspended person to pull him inside. Anyone suspended for more than a few minutes should be sent to the hospital for routine blood tests, even if they are not injured. Even minor suspension trauma symptoms: numbness of the legs, feeling faint or sick etc. should be considered as potentially life threatening. The casualty must never be allowed to lie down, stand up, exercise, drink or eat but must be placed in a sitting position with their body upright and their legs flat. They must be kept as calm and as relaxed as possible to reduce the effects of stress on the heart. Once the emergency services arrive they must be notified that the casualty may be suffering from suspension trauma and so therefore must not be laid down. Discovering Materials Suspected to be of Asbestos: Asbestos has not been identified within the barn but In the event of any suspect asbestos containing materials are identified during the course of the works work in that area will stop immediately. Works shall not be allowed to recommence or indeed no persons shall be allowed to re-enter the area until all remedial actions have been undertaken, if required. The area shall be segregated and signage shall be erected. Fire & First Aid: In the result of a fire on site all persons shall follow the information given within the site specific safety induction and as displayed on the fire action plan and emergency procedures notices. These notices shall be displayed at all times within a prominent position on the office wall. The name of the site first aider at work and the location of the accident book and first aid kit shall also be distributed within the site induction with notices again being displayed within prominent positions. Uncontrolled Collapse: When demolition commences at least one operative is on the ground ensuring no persons stray into the area, in the unlikely event of this all work would cease immediately and the appropriate measures taken.
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 25. First Aid	Name of on-site first aider	Russell Derby						
	First aid box or medical centre location:	Welfare vehicle						
26. Nearest Hospital:		Barnsley General Hospital						
27. COSHH hazardous substances likely to be used: Applicable to this project or works:	 Toxic or Very Toxic	 Harmful or Irritant	 Corrosive	 Dangerous for the Environment	 Oxidising	 Highly flammable	 Explosive	
	No	No	No	Yes - Diesel	No	No	No	
Any Others – state details:								
28. COSHH materials storage arrangements:		Diesel / Oil						

	• Stored in appropriate bowers • Identify any risk receptors e.g. water courses, drains and store oils and chemicals as far away from them as possible. • Ensure spill kits are available and accessible and are appropriate for the nature and quantity of oil or chemicals being stored. • Supervise refuelling and refilling at all times.
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29. PPE Requirements

	PPE Items	Applicable:	Specify the exact Type of PPE to be worn on this site and/or doing this task	State the Safety and/or Occupational Health Reason the Item is needed
Personnel Protective Equipment Requirements: use this section to specify items of standard and specialist The minimum items of PPE needed when on site are: • hard hat • safety glasses • correct gloves for the task • lace up boots (not shoes) • high visibility outerwear • covered up – no bare arms & legs	 Safety Boots	Yes	Standard Issue	
	 Hard Hats	Yes	Standard Issue	
	 Safety Gloves	Yes	Standard Issue	
	 Hearing Protection	Yes		
	 Eye Protection	Yes		
	 Face Protection	No		
	 Body Cover / Overalls	Yes		
	 High Visibility	Yes	Standard issue	
	 Respiratory Protection	No		
Any Other PPE Specialist Items needed, for example:- Harness, Foul Weather Kit; Asbestos Kit; Hot Work Kit; Confined Spaces Kit, etc. – State Details	Harness			

30. Method Statement Briefing Record

This document must be briefed to operatives, contractors, and others as needed.

Briefing delivered by:

Position:

Date:

We (the undersigned) have been briefed on; we have read and understood the attached method statement and will comply with the specified requirements and control measures. If the work activity changes or deviates from that originally envisaged, we will seek further advice and request an amended method statement.

Name (Print):	Signature:	Date:

31. Quality Assurance

This safety Method Statement has been prepared by:

Signature: 

Name: Mr Andrew Tinker

Date: 09/02/2018