



Demolition Method Statement	
Client	Thomas Armstrong Construction
Project	Caretakers Bungalow, Millom School
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## INTRODUCTION

This method statement describes the methodology and sequencing for the demolition works of the former caretaker's bungalow at Millom School, Cumbria, It is to be read in conjunction with the Hindle risk assessment, document number - CBM-RA/01. Together they cover the scope of works, significant hazards and control measures, demolition methodology and sequencing, and arrangements to undertake the safe completion of the works.

## SCOPE OF WORKS

- Site set up.
- Soft strip of building.
- Asbestos Removal. (Separate RAMS to cover ACM works).
- Structural demolition.
- Break out and remove slabs and foundations.

## PLANT AND EQUIPMENT

- 8-ton demolition spec excavator with attachments (grab, breaker, buckets).
- RO/RO skips.
- Dust Suppression Unit.



8-ton excavator



Ro/Ro Skips



Dust Suprerssion Unit

Other equipment:

- Hand Tools (bars, hammer, shovel, brush etc.).

All plant and equipment operating on site will be required to have current LOLER certificate or equivalent. (Maintenance records for non-lifting equipment)  
Operators to be certified CPCS or NPORS.

<b>PERSONNEL</b>
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Trained Personnel Requirements:

CSCS	Y	First Aid	Y	Plant Operators	Y
CCDO	Y	Abrasive Wheel	Y	General Operatives	Y
SMSTS		SSSTS		PASMA	
Temp Works		Confined Space		Slinger/ Signaller	
Asbestos NNLW		IPAF			

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Jason Jaques	SHE Advisor (Independent)	07979746657

*Site Staff to be confirmed*

<b>SITE ARRANGEMENTS</b>
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- All operatives on site will be required to have all required site inductions.
- Site access procedures to be followed as required by main contractor.
- Any person working on site will be suitably trained and competent to do the task that they have been given, and copies of any training certificates will be brought to site.
- Daily toolbox talks and briefings will be given to all operatives and submitted to management as required.










## PPE

PPE- When onsite the minimum requirement:

- Safety Helmet
- Safety Boots
- High Visibility Vest
- (Or as per main contractors standard).

PPE to be provided and worn where set out in RAMS

- Gloves- suitable for the task being undertaken
- Safety Glasses/goggles
- Dust Masks- FP3
- Ear Protection

 <p>shutterstock.com • 1091571134</p> <p><b>Mandatory</b></p> <p>EN20471</p>	 <p><b>Mandatory</b></p> <p>BSEN397</p>	 <p><b>Mandatory</b></p> <p>BSEN345</p>
 <p><b>Task Specific</b></p> <p>BSEN166</p>	 <p><b>Task Specific</b></p> <p>BSEN352</p>	 <p><b>Task Specific</b></p> <p>FFP3/ FACE FIT</p>
 <p>N/A</p>	 <p><b>Task Specific</b></p> <p>BSEN388</p>	 <p>N/A</p>

<b>WELFARE</b>
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- Main Contractor to provide welfare facilities.

<b>FIRST AID</b>
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- Hindle First Aid box to be kept locally to work area.
- Site First Aider-TBC

<b>EMERGENCY ARRANGEMENTS</b>
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- Muster points to be shown during induction.
- Emergency procedure, nearest hospital to be instructed during induction by main contractor.

<b>ENVIRONMENTAL</b>
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The following procedures will be implemented to help eliminate or reduce as much as practicable dust, noise, and vibration throughout the duration of the demolition work.

- Dust- Water will be sprayed in a mist during demolition and loading out operations using dedicated dust suppression unit.
- Noise and vibration- Due to the nature of the tasks involved with the project some noise will be created, main contractor to advise of any restricted working hours for noise creating tasks. Ear defenders to be used when breaking using excavator. All noise creating tools are to be used in accordance with manufacturer's recommendations. Vibration created will be negligible.
- Fuel- Fuel to be brought to site in double banded bowser. Drip tray to be used when re-fuelling small tools and equipment. Spill kit to be readily available at all times, located in excavator and at fuel tank.

COSHH
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All associated COSHH assessments and safety data sheets will be provided and kept on site for duration of the work. The following hazardous substances will be present:

- Diesel
- Hydraulic Oil
- Petrol
- Grease
- Silica

ASBESTOS
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- Asbestos containing materials to be removed before demolition commences, with the exception of removing any loose items which remain inside the property.
- Separate RAMS to be in place for all ACM works.
- Asbestos Survey No.- **TBC**. Copy of the R+D survey to remain on site at all times for reference-

- **Hold Point- Supervisor acknowledges confirmation of removal of all known ACM on site:**

**Signed.....**

**Date.....**

- If any additional suspect ACM is found during the works after removal works have been completed, the operatives will be instructed to stop work immediately and warn others of the suspected material. They will make sure the area is safe and secure and inform the supervisor.  
The supervisor will then check in the survey if the suspected material has been tested, if yes and negative, work can continue, if it is not in the survey, work will cease in the specific area and the area will be secured. A sample will be taken by suitably qualified asbestos surveyor and tested. If the result is negative work can continue in that area, if it is asbestos, further methodology for removal will be provided. All operatives to have asbestos awareness certificate.

<b>WASTE</b>
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**All waste** to be removed as per current waste regulations to licenced facilities.

Methodology for removing waste is described below in 'methodology'.

Identified waste streams and final location:

- Wood (EWC Code- 17 02 01)
- Mixed demolition waste (EWC Code- 17 09 04)

Both above disposed at:

Sink fall Recycling Ltd  
EWML Licence- 57562  
Rakesmoor Lane, Barrow in Furness, LA14 4QE

- Rubble (EWC Code- 17 05 04)

Above disposed at:

Tony Brown Aggregates, Diamond Yard, Lindal in Furness, LA12 0LA  
EWML Licence No: CBDU 478922

Hindle Demolition Waste carrier licence No: CBDU95843

Waste transfer notes to be provided for all loads removed from site.

Waste to be placed in skip located at an agreed area close to the work face.

<b>TEMPORARY WORKS</b>
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No identified temporary works required.

<b>EXCLUSION ZONES</b>
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- Temporary fencing is to be used to form an exclusion zone around the work area during any demolition activities. All Heras fencing will have debris netting fitted onto it.
- Only authorised persons are to be permitted in the exclusion zone at any time, with the entrance secured at all times.
- Suitable warning signs to be placed around the perimeter of the exclusion zone.

<b>PERMITS</b>
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- No permits required

#### LIVE SERVICES

- Any live services which will be affected by the works to be disconnected/ isolated by the relevant authority, and written confirmation given before work commences.

#### LIFTING OPERATIONS

- No identified lifting operations to be undertaken.
- Generally, excavator SWL not to be exceeded during any tasks.
- Excavator to have current LOLER certificate.

#### WORK AT HEIGHT

- No work at height identified.

#### METHODOLOGY

All risks associated with the tasks set out in the methodology are identified and assessed in the attached Risk assessment- document number- CBM-RA/01. All demolition works to be undertaken in accordance with BS6187 and current applicable legislation, guidance, and best practices.

#### Site set up

- The site is to be secured around the perimeter using temporary security fencing with debris netting attached. Any exclusion zones will be established as required.
- Warning/safety signs will be displayed at appropriate points around the perimeter to include – Danger Demolition in Progress, Keep Out, PPE requirements
- Plant and equipment to be brought to site, including skips, where appropriate positioning will be decided on site. All access and egress to be via the pre agreed routes.

#### Internal strip out/ External Clear

**Hold Point- Supervisor to confirm the following before demolition commences:**

- **All service disconnections/ isolations certified dead.**
- **Building clear and safe for demolition to begin.**
- **Exclusion Zone secure.**
- **All Staff briefed for the task at hand.**

Signed.....

Date.....

- All access and egress points are to remain clear from debris/ waste for duration of the job to eliminate slip/trip hazards.
- Firstly, removal of all loose fixtures and fittings such as shelves, doors, seats etc. will be removed from the building by hand and put outside for processing into the correct waste stream, either stockpiled for loading by excavator into skips or loaded directly into skips by hand.
- When using the excavator, it will be parked in a designated area outside, near where the waste is being brought out of the building. When the area is clear of operatives and as the waste is brought out, the excavator using the selector grab attachment will load and process the material into the correct waste stream, wood, plastics etc. and load into the skips for removal off site.
- Any external doors and windows may be removed to allow easier access into the building.
- All items to the exterior of the property; polytunnel, planters, greenhouse, furniture etc. is to be separated into the correct waste streams using the 360 excavator and grab attachment and loaded into the correct skips for removal from site.
- A hand pick of any remaining items will then be undertaken to ensure all external waste has been adequately removed.

#### Structural Demolition.

- Using the 360 excavator and grab attachment, work will begin to demolish, the North facing gable peak. The peak of the wall will be pulled outwards onto the floor down to eaves height, this will reveal the roof trusses.
- The operator will then begin to remove the roof trusses and coverings, starting from the gable end, working sequentially through the roof until all of roof has been removed. The trusses and other supporting timber and felt will be lowered to ground level, where it will be processed and loaded into the correct skips for removal from site.
- When the roof has been removed and processed, work will begin on demolishing the walls down to slab level.
- The walls will be pulled outwards, starting at the north gable. Once the gable has been demolished, the side walls will then be carefully demolished, separating any windows and doors as they are removed. The South gable will then be demolished.
- The rubble waste from the walls will then be loaded into tipper wagons and removed from site, leaving the slab and foundations clear to be broken out.
- The slab and foundations will be broken up (**not crushed on site**) with the excavator and loaded onto the tippers and removed from site.
- A final general levelling and clear up of any materials will then be undertaken, and all remaining plant, skips/ waste will be removed from site.

<b>SIGNATURE SHEET</b>
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**By signing here, you acknowledge you have read and understood this method statement and safe system of work. Any queries you have should be raised to the supervisor/ manager prior to signing below.**

Name	Signed	Date