Report No: 21650/MS/DEMO 58 LUNDHILL RD, WOMBWELL REV:0
Date: 19th August 2022

THE CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015:
DEMOLITION METHOD STATEMENT
58 LUNDHILL ROAD, WOMBWELL, BARNSLEY S73 0RH

HEALTH & SAFETY NOTE TO ALL PERSONS ENGAGED TO CARRY OUT ANY WORKS ON SITE ON BEHALF OF PRL

ALL STAFF EITHER DIRECTLY EMPLOYED OR SUB-CONTRACTED TO PRL ARE EXPECTED TO COMPLY AND FOLLOW ALL SITE RULES, REGULATIONS, AND WORK TO AND COMPLY WITH ALL METHODS OF WORKS AND RISK ASSESSMENTS AND ENSURE AT ALL TIMES THEY KEEP THEMSELVES AND COLLEAGUES SAFE. ALL PERSONS ARE EXPECTED TO BE MINDFUL OF THE WORKS THEY ARE BEING ASKED TO DO AND IF AT ANY POINT THEY FEEL THE WORKS ARE BEING UNDERTAKEN UNSAFELY OR INDEED SEE ANY PRACTICES OR PERSONS CARRYING OUT ANY WORKS THEY DEEM TO BE UNSAFE THEY ARE TO MAKE EITHER PRL'S SITE MANAGER OF IF ANOTHER CONTRACTOR THEIR MANAGER IMMEDIATELY AWARE AND ENSURE THE ACTIVITY IS STOPPED AND CORRECTIVE ACTIONS TAKEN.

IF IN DOUBT

STOP, ASK, TELL

KEEP EVERYONE AROUND YOU SAFE!

Professional Remediation Ltd
Unit 9 Rising Bridge Business & Enterprise Village
Blackburn Road
Haslingden
Lancashire
BB5 2AL
Tel: 01706 224212
E-Mail: tprocter@professionalgroup.uk

TABLE OF CONTENTS

1 INTRODUCTION & GENERAL COMMENTS....1

2 WELFARE ACCOMMODATION....2

3 WORKING HOURS....3

4 SERVICES....3

5 SAFETY....3

6 OPERATION NO 1: SITE ESTABLISHMENT....4

7 SITE PLAN....5

8 OPERATION NO 2: SOFT STRIPPING & ENABLING WORKS....5

9 OPERATION NO 3: DEMOLITION OF BUNGALOW....7

APPENDIX 1 – BUILDING RELEASE CHECKLISTS....9

DEMOLITION METHOD STATEMENT
58 LUNDHILL ROAD, WOMBWELL, BARNSLEY S73 0RH

REV 0
DATE: 19TH AUGUST 2022

1 INTRODUCTION & GENERAL COMMENTS

1.1 This document is the method statement describing the demolition of a bungalow, as part of the enabling works at the above site.

1.2 This method statement has been prepared by K Broomhead/D Glavey on behalf of Professional Remediation Ltd.

1.3 This Method Statement is to be read in conjunction with the Construction Phase Health and Safety plan, the requirements of which must be strictly observed.

1.4 PRL have applied for the Section 80 Demolition notice to Barnsley Metropolitan Borough Council with regard to the demolition of 58 Lundhill Road. Works can only commence upon either: Receipt of a counter submission Section 81, or the expiration of a 6 weeks period from the date of submission (04/08/2022).

1.5 Professional Remediation Ltd has visited site and assessed the structure, and confirm that the sequence of operations detailed below is a safe system of work. No pre-weakening of the structure is required. By virtue of the proposed sequence of demolition partial collapse of the building is not likely and no contingency plans for such a situation are necessary. The likelihood of damage to adjacent structures or nuisance to the occupiers of adjacent buildings due to ground-borne vibration is considered to be very low due to the lightweight construction characteristics of the buildings, the proposed method of demolition, the ground conditions and the cushioning effect of accumulated demolition arisings.

1.6 Professional Remediation Ltd employees must, at all times whilst on site, comply with the requirements of the Health and Safety at Work Act 1974 etc., the Construction (Design and Management) Regulations 2015 and all other relevant safety legislation codes, standards and guidance.

1.7 Professional Remediation Ltd employees are familiar with the British Standard B.S. 6187 Code of Practice for Demolition 2011 which has been referred to during the preparation of this Method Statement.

1.8 SITE STAFF:

PRL Non-working site manager (SMSTS/ FIRST AID/ CCDO OR CSCS OR CPCS OR NPORS / ABO AWARENESS OR CAT B)
Plant operatives (CPCS OR CCDO OR NPORS / ABO AWARENESS OR CAT B)
Demolition labourers (CCDO OR CPCS OR CSCS OR NPORS / ABO AWARENESS OR CAT B)
Regular visits by Senior Management.

1.9 PLANT & EQUIPMENT:

Demolition-specification excavator in the range 8-14t equipped with pulveriser, breaker, grab or bucket attachments
Scaffold tower, Podium and or hop up.
Self-contained pressure-washer for dust suppression
Hand tools (including sledgehammers, shovels, brooms, wrecking-bars, 18v battery-powered

Drill-drivers)
35/40 cu yd roll-on-off (hook load) skips for general waste, timber, hardcore, green waste
2.0m high "heras" fencing
Welfare facilities.
Fully Bonded fuel tank with drip tray and spill kit

1.10 Plant certificates will be obtained for all plant used and copies of the certificates retained on site to demonstrate compliance with relevant legislation (e.g: PUWER, LOLER).

1.11 Protocols / arrangements for changing attachments on the excavators will be agreed on site.

1.12 All site personnel are to produce CSCS cards. All plant operators are to produce CPCS / NPORS cards. All staff involved in the work are to have current asbestos-awareness training certificates and face-fit tests (where applicable).

1.13 Previous experience of similar work is such that noise levels as high as the Upper Exposure Action Value (85dB(A)) are not expected to occur. The proposed method of working and the equipment to be used have been selected, in part, to reduce noise levels to the lowest reasonably practicable level in line with the Control of Noise at Work Regulations 2005 (Reg 6(1)) and it is not considered necessary to undertake any noise measurement (Reg 5(2)(c)). Should it be necessary to modify the method of demolition, this position will be reviewed (Reg 5(4)(b)).

1.14 All waste materials removed from site will be accompanied by a duty of care waste transfer note which describes the waste and a copy will be retained on site.

1.15 Professional Remediation Ltd will endeavour to undertake the work described below in such a way as to minimise the impact of that work. Therefore the site supervision will:

- Take all reasonable steps to minimise the creation of dust, using water sprays to dampen buildings being demolished and the demolition arisings.
- pay attention to wind direction so as to anticipate the impact of any work downwind of the working area;
- curtail, suspend, or re-arrange work as necessary, to allow the demolition to proceed if possible whilst reducing its impact on any the occupiers of neighbouring properties.
- ensure all plant is fit for its purpose and adequately maintained so that noise generation is within the manufacturer's stated maximum noise level;
- Give particular consideration to activity on site at the start of the day to minimise disturbance of the neighbours. Reversing manoeuvres will be avoided in the early morning to prevent reversing sirens sounding. Mobile plant, which requires approximately 15 minutes idling to warm-up before a shift, will be parked, as far as reasonably possible given the site constraints, away from neighbouring property. Any particularly noisy operations (e.g: use of hydraulic breakers) will be programmed to minimise disturbance.
- Monitor the condition of the public highway whenever vehicles are serving site. A jet wash will be used if necessary. A self-propelled road sweeper may be engaged as necessary, to keep the highway clean.

1.16 All visitors to site will receive an induction from PRL's Site Supervision before being admitted to the works area. During the induction, the current activities on site will be described in order to advise visitors of the exclusion zones and working mobile plant. If deemed necessary by the site supervision, visitors will be accompanied / chaperoned around site.

1.17 Temporary works envisaged during these works is limited to the external anti climb type fencing with debris netting (necessary).

2 WELFARE ACCOMMODATION

2.1 A welfare van will be utilised on site for the duration of the work, due to restricted space.

2.2 The facilities comply with the Construction (Design & Management) Regulations 2015 and will maintained to a high standard of hygiene by PRL.

3 WORKING HOURS

08:00 – 17:00 Monday-Thursday
07:30 – 16:00 Friday
Weekend working is not envisaged.

4 SERVICES

4.1 All services to the property due to be disconnected or diverted as advised by Miller Homes. They are to provide PRL with all necessary confirmations and/or permits. PRL will accept the building for demolition, when suitable documentation has been received.

4.2 A full copy of services plans and/or disconnections / isolations is to be provided by the client and reviewed by PRL before work commences on site. PRL will carry out a survey of the site with a CAT scanner, as a matter of course.

4.3 No demolition work will commence until the Building Release Checklist (Appendix 1) has been completed and confirmation of the services disconnections has been received by PRL.

5 SAFETY

5.1 All necessary registers, accident books, diary, time book, test certificates, method statement, risk assessment, health and safety plan etc will be kept on site under the control of PRL's Site Manager and can be inspected at any time. All accidents are to be reported to and entered in the site accident book.

5.2 PRL staff will be provided with all necessary PPE for the works on site.

5.3 At all times Senior Staff of Professional Remediation Ltd will ensure a high standard of Health and Safety is achieved on site.

5.4 All operatives on site must wear full PPE including as a minimum safety boots, hard hats, a high visibility vest or coat and work gloves. Additional PPE requirements as identified within the risk assessments will be utilised when undertaking specific tasks.

5.5 Smoking is not permitted anywhere on site. A smoking zone will be established within the welfare area.

5.6 Segregation of pedestrians and vehicular traffic will be maintained at all times. Unobstructed access to and egress from the building being soft-stripped must be maintained at all times. Pedestrian access to the buildings will be identified at the site induction. Reversing of vehicles and plant will be minimised at all times. This will be highlighted on a site plan and will form part of the site induction for all operatives.

5.7 Emergency procedures will be in line with PRL's protocols and any Client specific emergency

protocols (as below). All incidents on site (including near misses) are to be reported to PRL's site management and recorded. Emergency contact numbers are posted on the wall of the welfare facilities. For major emergencies, first alert PRL's Site Manager to enable him to coordinate the emergency services on arrival on site and to manage or suspend on-going site activities. PRL's health and safety co-ordinator is Kevin Broomhead (07702 807508), and is to be informed as soon as possible after the event in order to commence an investigation.

5.8 Any fuel spillage will be absorbed by use of sorbent granules, mats and booms available in the spill kit on site. Any used material will be placed in polythene sacks and disposed of as hazardous waste.

5.9 Mobile plant and skips will be left in the most appropriate location, as agreed with the site supervision.

5.10 Where a mobile aluminium scaffold tower is to be used for work at height it is to be inspected prior to use by one of PRL"s competent (PASMA trained) operatives and a scaffold tag completed and fixed to the tower to confirm it is safe for use. Thereafter the tower will be inspected and re-tagged if moved or altered or if a week has elapsed since the last inspection.

6 OPERATION NO 1: SITE ESTABLISHMENT

6.1 The boundary of the site will be established using 2.0m anti climb type fencing with rubber footing blocks and double clips. The boundary of the site and agreed areas of works have been established by the client and PRL will erect the fencing as per the agreed boundary of the works. It is unlikely that additional fenced-off zones will be required.

6.2 Warning signs (as described below) will be displayed at the appropriate points around the perimeter of the site:

1. Danger Demolition in Progress
2. Danger Heavy Plant In Operation
3. Danger Demolition Drop Zone
4. Warning to Public

6.3 Prior to any works commencing on site and in particular before any structural demolition works a thorough, systematic search of the building is to be undertaken by the PRL site manager to ensure no trespassers, other unauthorised persons or site personnel are within the building. The integrity of the exclusion zone will be checked at the beginning and end of every working day and after breaks to ensure, so far as it is reasonably practicable to do so, that no person is within the remains of the building. A full-time out-of-hours security presence on site will provide an additional control measure in respect of this. Once demolition has commenced no person (including any PRL personnel) is to enter the buildings.

6.4 Temporary site accommodation will be established as described in Section 2 above.

7 SITE PLAN



8 OPERATION NO 2: SOFT STRIPPING & ENABLING WORKS

8.1 An asbestos survey has been carried out, which identifies various locations where ACM's have been discovered. A copy of the asbestos survey is to be available on site. Due to the nature of the ACM's, a specialist contractor will carry out removal of the material, provide clearance certification and hazardous waste disposal consignment notes for the materials removed from site.

8.2 All PRL staff are either CAT B trained operatives or have asbestos awareness training. Throughout the works care and consideration will be undertaken during the demolition in case any unidentified, unknown or suspicious materials that may contain asbestos are discovered. All PRL staff are trained and experienced in asbestos product identification (identification in the form of samples sent to an accredited laboratory will still be required to positively identify the suspect material) and removal if non-licenced work. If suspect materials are identified, works will cease and the area made safe, additional procedures for the safe removal of the material will be required depending on the material discovered and revised RAMS / PLAN OF WORKS produced to cover any removal. All staff will be briefed on this during the induction process inc RAMS induction, or during the progress of the works via a briefing or Toolbox Talk.

8.3 No demolition work will be undertaken until the asbestos clearance certificate is issued to site (and this recorded on the Building Release checklist at Appendix 1).

8.4 An exclusion zone will be formed during the asbestos removal work.

8.5 Warning signs (as described below) will be displayed at the appropriate points around the perimeter of the site:

1. Danger Demolition in Progress
2. Danger Demolition Drop Zone
3. Warning Heavy Plant in Operation
4. Danger Dropping Zone

8.6 Risk assessments for this process; for tools, plant and equipment which will be utilised to undertake this work and for the associated hazards are recorded in a separate document. The risk assessments and this method statement are mutually complementary.

8.7 During the structural demolition works PRL operatives will be vigilant for any protected wildlife movements and roosts and will advise the site manager, who in turn will arrange to alert the Client. Works will cease until given the all-clear by the Client. Should such a discovery be made, a watching brief during the demolition may be imposed, if the Client deems it necessary.

8.8 The enabling works comprise: the erection of the external boundary anti climb fencing. Laying of protection across a section of the road / footpath to enable off-loading of demolition spec excavator delivered to site. A section of boundary wall, hedging and gate will require to be removed to afford access for the mobile plant.

8.9 Operatives will erect the fencing and relevant warning signs will be affixed to the fencing prior to any other works being undertaken.

8.10 Once in position the fencing will be closed and locked to restrict unauthorised access.

8.11 Before the main demolition works commence, the existing telephone wire affixed to the building will be removed. This will prevent potential for damage to the DP box on the feeder pole.

8.14 Risk assessments for work; for the tools, plant and equipment which will be utilised and for the associated hazards are recorded in a separate document. The risk assessments and this method statement are mutually complementary.

8.15 Soft stripping as the name suggests is the removal / stripping of all / most of the soft materials within a building, this is generally, carpets, loose furnishings, doors, panelling etc., mainly anything that is not structural or integral to the building. Where it is possible materials can be left within the building and removed during the demolition process and where possible this will be done to minimise the manual handling and exposure of operatives to musculoskeletal injury.

8.16 The nature of the work is such that manual handling is unavoidable. Toolbox talks will be held on this subject at intervals during the work to ensure operatives do not put themselves at risk of musculoskeletal injury due to their work. The toolbox talk will draw on the guidance in the HSE's publication "Getting to Grips with Manual Handling "(INDG143)

8.17 When the soft strip is complete, the building will be dismantled using demo specific excavator and attachments.

8.18 Pedestrian access to the works area will be via specified routes to be confirmed by PRL's site manager during the site induction. PRL operatives are to use only the specified routes to and from the works areas.

8.19 Use of a machine of adequate size, will eliminate the necessity for operatives to work at height and the associated edge protection.

8.20 In general, soft-stripping is a reverse of the fitting-out of a building; thus carpets and floor coverings are removed first followed by "second-fix" features then "first fix" features and finally internal non-structural walls.

8.21 Working sensibly and systematically away from the building access point, demolition operatives will first remove all loose fittings. The arising's will be reduced to a manageable size and transferred directly into a skip, or to where it will be mechanically re-handled into a skip for subsequent removal to a recycling facility or transfer station.

8.22 Using hand tools the demolition operatives will then strip out doors, frames, windows, timber of any description, (not appertaining to roof or main structure) toilets, pipe work, ducting, electrical items, carpet, blinds and any debris.

8.23 In the unlikely event that an item be removed requires the need to use oxy-propane cutting equipment for removal, a hot-works permit will need to be issued to control the planning of this work on a location specific basis.

8.24 Should it be necessary to undertake any hot-cutting, only certified operatives will be used to undertake these works, which will be in accordance with the Risk Assessments (hot works). A permit to undertake hot-works will be provided daily. Gas and oxygen bottles will be stored separately in fenced of areas with appropriate signage.

8.25 Timber 'stud walls' will be left in-situ wherever possible for segregation and disposal during the demolition works using demolition specification excavators fitted with Selecta grab processors within the buildings being demolished. These materials will be loaded into appropriate skips using demolition specification plant for disposal at a suitably licensed waste treatment/recycling facility.

8.26 Where the above cannot be applied to specific tasks, PRL reserve the right to generate and issue a supplementary method statement and complementary risk assessments which will be done in a timely manner prior to the works described being undertaken and allowing sufficient time for the adequacy of the documentation to be confirmed by PRL's site manager.

8.27 Once the soft, stripping works have been completed and approved by the site manager he will then sign the soft strip works as complete and approve the building for demolition.

9 OPERATION NO 3: DEMOLITION OF THE BUNGALOW.

9.1 Demolition of the superstructure of the building will be undertaken by exclusively mechanical means using demolition-specification excavator with appropriate attachments. Demolition will commence when all the enabling works and any manual soft-stripping necessary has been completed.

9.2 The building to be demolished is a single storey brick and tiled roof structure with an attached garage to the Southwest gable.

9.3 The demolition of the building will be undertaken initially working from the garage, to make sufficient space for skips. Then break in through the gable wall and work, generally within the footprint of the building.

9.4 Plant operators to take precautions and allow maximum clearance between the walls and themselves when working near / adjacent to fences. When undertaking demolition and breaker works to remove slabs and foundations etc, is necessary, especially adjacent to any buildings in case of unexpected wall collapse. Operators are expected to review and check their works area regularly and before / after works to check adjacent walls / blocks for any signs of structural movement (cracks etc) Any concerns are to be raised to the site manager immediately and works suspended and the area cordoned off until the area has been checked by a structural engineer and they have given the all-clear to resume works.

9.5 Banksmen provided during demolition / breaker works are to be kept out of the demolition areas when demolition works & or breaker works are being undertaken. The plant operator must ensure the area is checked and clear before allowing operatives to enter. Banksmen will not be permitted to work near or under any blocks / walls within the demolition area.

9.6 Firstly, the garage roof and external wall will be removed using a grab attachment on the machine. The arisings will be removed and placed into a skip for removal. Again using the grab attachment the operator will make an aperture in the gable wall and removed the structure down to ground level. Th operator will the use the machine to grab the first section of the roof, lifting it clear of the building and placing at ground level, or directly into a timber skip. Then a section of the exposed front and rear walls of the bungalow. The next section of roof will be removed as was the first section. Processing and segregating each section into relevant waste streams i.e. wood, general waste and metal using the grab attachment and place each material into relevant skips for disposal off site at a later date. The final gable will be taken down from the to to eaves level. The corners will remain in place and be removed progressively, in order to retain a degree of structural stability. During this process an operative will be present and will act as banksman for the machine and will also assist with the clean-up of the buildings during and after the demolition.

9.7 Once the operator has demolished and processed the superstructure, the operator will then load the skips with each of the waste streams, ready for removal from site. The breaking up of the slab may require use of a hydraulic breaker attachment on the machine. However, if the slab is fairly readily broken up, a pulveriser attachment may be preferred instead. It would be preferable, on the grounds of less vibration, noise and risk of flying debris. Noise would also be far less intrusive.

9.8 Once the building is demolished all materials will be removed from the area, the area tidied and cleaned up, any holes / voids will be covered over and then all plant and machinery removed and the area handed back to the client. Arrangements for leaving the site secure upon completion, to be agreed with Miller Homes.

10 COVID-19 PROCEDURES

10.1 The Company COVID-19 Procedures are based on the Construction Leadership Council Site Operating Procedure Version 9.1. The Company still recommends ventilation of multi occupancy welfare / offices, following the 2m distancing rule, regular handwashing and mask wearing if desired.

APPENDIX 1 - BUILDING RELEASE (STOP / CHECK / REVIEW) CHECKLIST

Site name **58 LUNDHILL ROAD, WOMBWELL, BARNSLEY S73 0RH**

ID	CONSTRAINT	CONFIRMED?	DATE	FOREMAN'S INITIALS
1	Pre-demolition / Management asbestos survey for building available and a copy held on site			
2	No live electrical cables running into or through the building			
3	No live gas supply running into or through the building			
4	No other critical services running into or through the building (e.g: fibre-optics / telecoms)			
5	R&D Asbestos survey on site, checked and confirmed that NO asbestos containing materials are present?			
6	Soft-stripping method statement and risk assessments on site			
7	All Fencing and Boards in place, Debris netting on the fencing and signage			
8	Security of exclusion zone checked			
9	Ecologist on site, works to inspect the bat roost complete, bat / bats removed and or area free from Bats. Ecologist confirms structural demolition works can commence.			
10	BUILDING RELEASED FOR SOFT-STRIPPING			
11	Building inspected, soft-stripping confirmed as complete			
12	Demolition method statement and risk assessments on site			
13	BUILDING RELEASED FOR DEMOLITION			