

## **OUTLINE TENDER STAGE METHOD STATEMENT FOR DEMOLITION AT LAYSTALL STREET**

1. Liaise with the MCC in order to obtain a section 81 Notice in accordance with The Building Act 1984.
2. Confirm service disconnections on site and locate isolation positions.
3. Develop and submit Construction Phase Health and Safety Plan in accordance with BS6187-2011 and The Construction (Design and Management) Regulations 2015.
4. Confirm Principal Designer has advised the client that the Health and Safety Plan has been sufficiently developed for works to commence.
5. Notify the Health and Safety Executive on Form ASB5 of the intended licensed asbestos removal. The materials have been identified by a Demolition and Refurbishment Survey carried out by JPR Asbestos Services Ltd.
6. Provide 48 hour notice of commencement to Local Building control in accordance with Section 81 Building Act 1984 requirements.
7. Letter drop to adjoining properties providing information such as Site contact details and emergency contact numbers.
8. Carry out Site induction procedures for all operatives who will be employed on site.
9. Carry out a pre-start photographic dilapidation survey of adjoining premises, footpaths and roads.
10. Secure site with Heras type fencing and establish welfare accommodation in accordance with Appendix 2 CDM Regulations 2015. The site must remain secure throughout the demolition process.
11. Carry out a camera drainage survey to identify site drainage and connections.

12. The site is large enough to accommodate all construction vehicles that will be required for the works. Construction vehicles will be forbidden from parking on local roads and footpaths. Equipment for cleaning vehicle wheels if required will be present on site throughout the process. Vehicle wheels will be cleaned on site prior to the vehicle departing. The site must remain secure at all times. When wagons enter and leave the site they will be aided by a banksman who will open and close the gate.
13. Remove asbestos containing materials following 14 day notification to the Health and Safety Executive in accordance with The Control of Asbestos Regulations 2012 and current guidance. Clearance procedures and air monitoring will be carried out by a UKAS accredited analytical company. Structural demolition would only commence once the asbestos containing materials have been removed from site
14. Soft strip building of fixtures, fittings and general rubbish (retaining structural stability).
15. Create and secure exclusion zones for commencement of structural demolition.
16. Demolition work, particularly the demolition of old buildings will generate dust especially during periods of dry weather. Dust generation can be controlled by wetting of the surfaces being demolished. Vale Park Demolition Operatives will use hoses to spray water onto brickwork and debris, during the demolition/loading operations when conditions demand. Should the water supply be interrupted works that generate dust must stop until the water supply has been re-instated or an alternative water supply such as a bowser has been provided. Crystalline Silica dust occurs as a building material in natural stone, bricks or aggregates for concrete. Demolition processes involving breaking, crushing or grinding siliceous material will create dusts containing Crystalline Silica. As with other dust and fume hazards for which there are separate sets of regulations and where it is not possible to comply with the exposure limits, suitable respiratory protective equipment will be provided for and worn by employees at risk. All personnel working in dusty areas shall, when necessary, wear a dust mask deemed suitable by the Health and Safety Executive (HSE). All operatives concerned will be instructed in the correct use of all RPE/PPE. Dry areas of the works will be dampened down to prevent the spread of airborne dust.
- Set up dust suppression and use continuously during structural demolition and loading operations. Should the water supply be interrupted structural demolition must be suspended until the supply has been re-stated.
17. As far as is reasonably practical the noise levels on site will not exceed the 1<sup>st</sup> action levels of 80db (a) as laid down within the Noise at Work Regulations 2005. Employees will be provided with suitable hearing protection should they request it. Every attempt shall be made to control/minimise noise at source. KBS Civils Limited operatives working on demolition sites (particularly those near dwellings) will take all reasonably practicable steps to minimise the noise generated on the site as required under Section 60 of the Control of Pollution Act 1974.

Where noisy activities are unavoidable the disturbance will be minimised/attenuated by choice of an appropriate technique, timing, shielding or protection as appropriate.

Plant and equipment noise levels will be minimised by being vigilant on points such as:-

- Stopping rattles (e.g.: by tightening covers etc.).
- Throttling down engine when idling.
- Fitting engine covers and keeping them closed.

- Keeping tools sharp to lessen frictional noise.
- Not dropping items, e.g.: into skips unnecessarily.

If noise levels are still unacceptable high and no reasonably practicable alternative is available operatives and contractors will use methods such as:-

- Silencing: by fitting silencers, mufflers, shield enclosures or barriers.
- Distancing the activity where possible from occupied premises.

Where any person is liable to be exposed to noise levels greater than 80-85 dB (A), they will be informed and provided with suitable ear protection. The most likely protection, in ascending order of attenuation is ear plugs, ear muffs and noise attenuation helmets. Noise will be kept to a minimum at all times and any further restrictions imposed under the terms of the contract will be strictly adhered to.

Any tools used on the project must have vibration dampers and the manufacturer's handbook available so that the vibration levels can be assessed. This will allow the risk assessment to be compiled and the operatives to use the tools safely before reaching the OEL. The Site Foreman must ensure that an operative rotation system is in place. A risk assessment for HAVS must be carried out for all tasks that may expose operatives to hand arm vibration. Records of any exposures are to be kept on site and forwarded to Head Office on completion.

When the work involves use of vibratory equipment KBS Civils Limited will monitor their workforce to ensure the maximum exposure levels are not exceeded by any of their employees. Records of the expected levels of equipment will be kept along with times and durations of individual employees exposures. Equipment and tools will be selected, maintained and used in work scheduled and rotated to ensure each employee's exposure levels are kept within the legal requirements.

18. Commence structural demolition of the outriggers at 32-34 Laystall Street. The building will be mechanically demolished by hydraulic excavators which will also carry out the processing and loading of arisings for removal from site. Demolition would commence from the side elevation. Demolition would be carried out in the reverse order to construction thereby preventing an uncontrolled collapse. The excavators would turn when required in order to draw all elevations into the footprint of the building and away from the perimeters.
19. Provide 48 hour notice to Building control of intention to seal drains.
20. Seal drainage to the satisfaction of the local authority.
21. Offer site to client's representative for inspection.
22. Carry out any residual works that may be required following the clients representative inspection
23. Clear site, remove welfare and security fencing and handover to client

24. Provide information to Principal Designer for Health and Safety file including all asbestos clearance/disposal documentation and duty of care notes for all other waste.
25. Should our tender be successful we would provide a fully compliant Construction Phase Health and Safety Plan in accordance with The Construction (Design and Management) Regulations 2015.