

2.0 OUTLINE METHOD STATEMENT



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DEMOLITION WORKS AT SMITHFIELD MARKET



INDEX GENERAL

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- Health and Safety Executive (HSE) & Construction Notice.
- Welfare by PPO.
- Services.
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 - Bats and wildlife.
 - Vibration.
 - Noise.
 - Dust.



ENABLING WORKS - HAND SOFT STRIP, DE-CONSTRUCTION AND STRUCTURAL DEMOLITION AND EXCAVATION

- Method statements and risk assessments
- Competency.
- Inductions, briefings and record keeping.
- Demolition.
- Access, egress, traffic, security and liaison.
- Mobilisation and initial activities prior to commencement of soft strip and demolition activities.

GENERAL

PRINCIPLES AND BEST PRACTICE

- All structures will be demolished in accordance with BS: 6187: 2011 at all times.
- Structural integrity of partially demolished and retained structures during demolition process will be maintained at all times.
- National Federation of Demolition Contractors (NFDC) good working practices and technical guides will be adhered to at all times.

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DEMOLITION CONCEPT

- Section 80 Notice or equivalent to be applied for at least six weeks in advance, accompanied with all the relevant information required including methodology. The authority's will then issue approval (Section 81). Structural demolition works will not commence until this is received.

HEALTH AND SAFETY EXECUTIVE (HSE) & CONSTRUCTION NOTICE

- The HSE will be informed by the Employers Principal Designer about the Project and an F10 obtained.
- PPOC will develop the construction phase plan as the Principal Contractor.
- PPOC will collate information for the H&S file to be submitted to the employer on project completion.

SERVICES

- Prior to commencement of works, all Statutory Services will be disconnected by the Employer, unless where services are to be retained on site. The Employer will issue PPOC with all isolation information prior to works commencing on site.
- Where live services cannot be relocated/diverted investigation works will take place prior to demolition starting and a safe working method will be developed to ensure no service strikes happen.

ASBESTOS

- Prior to commencement of works, an asbestos demolition survey must be carried out prior to any intrusive works commencing. If there is notifiable asbestos present, a licenced asbestos sub-contractor will be employed to undertake the notification and removal of such materials. Should further asbestos be found in any areas of activity then the following procedure will be followed:
 1. Stop work immediately.
 2. Form a localised exclusion zone.
 3. Inform the PPO Site Manager/Supervisor immediately.
 4. Conduct a tool box talk.
 5. Inform the Employer.
 6. Engage an independent analyst company to collect a sample and test.
 7. Engage an asbestos removal asbestos company to remove and dispose of the material.

ENVIRONMENTAL - BATS AND OTHER WILDLIFE

- In advance of commencement of the project, a bat/ecological survey will have been conducted (commonly known as a roost assessment or walk around) by ecologists.
- The outcome of the survey will determine when works can start on site and if any further investigations are required.
- During induction, all team members will be instructed to be mindful of the possible presence of bats during their activities.
- If suspect bat droppings are found or new roosts identified.
 1. Stop work immediately.
 2. Form a localised exclusion zone.
 3. Inform the PPO Site Manager/Supervisor.
 4. Conduct a tool box talk.
 5. Inform the Employer and, if required to do so, inform the ecologist directly.
- During induction, all persons on site will be encouraged to be mindful of all potential wildlife in the working areas.
 - Unusual wildlife activity will be reported to the Site Manager.
 - If applicable the site manager will report the wildlife activity directly to our in-house Environmental Officer and seek advice.

VIBRATION

- Vibration mitigation measures will be in accordance with the management plan that will be created by PPOC.
- Vibration assessment will be in accordance guidelines stated in code of practise BS: 7385 part 1 & BS: 5228-2:2009.
- Hand arm vibration records will be kept. Operatives using vibration hand tools will not be allowed to extend their working 'trigger' times in accordance with HSE vibration tables and the manufacturer's metre/second (m/s) values given.
- Where possible PPOC will consider redesigning or changing the task to avoid using vibrating equipment. Vibration exposure risk assessments are to be carried out for employees who are liable to be exposed to vibration levels at or above the recognised

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- exposure action levels.
- The assessment should provide a measurement of the employee's exposure to vibration.
- Requirements regarding the control of vibration levels should be identified so that the appropriate control measures can be implemented. Where it has been identified that buildings and services may be affected by vibration, all necessary control measures are to be highlighted within safe systems of work. All operations should be sequenced, where appropriate, to minimise the vibration.

DUST

- Dust mitigation measures will be in accordance with the management plan that will be created by PPOC.
- Dust monitoring will be ongoing by the PPOC Site Manager/Supervisor throughout all activities and further mitigation measures implemented if required.
- During this project, dust will be the most significant environmental issue that will need to be contained.
- The Employer will provide an adequate water supply to the site for our use.
- This water supply will be directly applied to the structure at the work face, or to rubble in stockpiles when being moved, loaded or recycled. This will be done using state of the art dust suppression technology.
- Air quality will be monitored as the works proceed against initial base line levels established at the beginning of the project bearing in mind the current use of adjacent land.



DEMOLITION WORKS - HAND SOFT STRIPPING AND HARD DEMOLITION

GENERAL RISK ASSESSMENTS AND METHOD STATEMENTS

- Detailed task specific risk assessments and method statements (RAMS) will be created and approved for all activities on site.
- In advance of any works taking place all members of the proposed demolition team, including but not limited to the Operators of the demolition plant, Demolition Operatives and Banksmen will be taken into the existing buildings by the Site Manager to identify the key structural components of the buildings, the structures to be retained and the intended methodology for safe demolition.
- The Operators and Banksmen will read and understand the bespoke method statements, task sheets and risk assessments and make further comments or suggestions if they believe that any points addressed can be improved upon. Any comments or suggestions made, after review, that enhance the RAMS will be added and the amended documents issued to the Project Manager for approval.
- All persons on site will have read, understood and signed the RAMS prior to being engaged on any activity within the site.
- Changes to RAMS will be communicated to the working teams, documented and revised documents re-signed.

COMPETENCY

- Our proposed full time Site Manager chosen by PPOC will be experienced with this type of demolition. The Minimum Training held by the Site Manager will be:
 - CCDO (Black Managers Card).
 - SMSTS.
 - Asbestos awareness trained.
 - First Aid trained.
 - CCDO - Plant operator certificates.
 - Excavator.
 - Telehandler.
 - IPAF.
 - PASMA.
- Site operatives will be directly employed and trained to a minimum of:
 - CCDO/ CSCS
 - Asbestos Awareness Trained
 - Cat B asbestos trained (none licensed asbestos removal)
 - PASMA Trained (some)
 - IPAF Trained (some)



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- All plant operators will be directly employed and trained to a minimum of:
 - CPCS (Demolition Specific) for the plant being used.
 - Asbestos Awareness Trained
 - And hold a current safe pass.



INDUCTIONS BRIEFING AND RECORD KEEPING

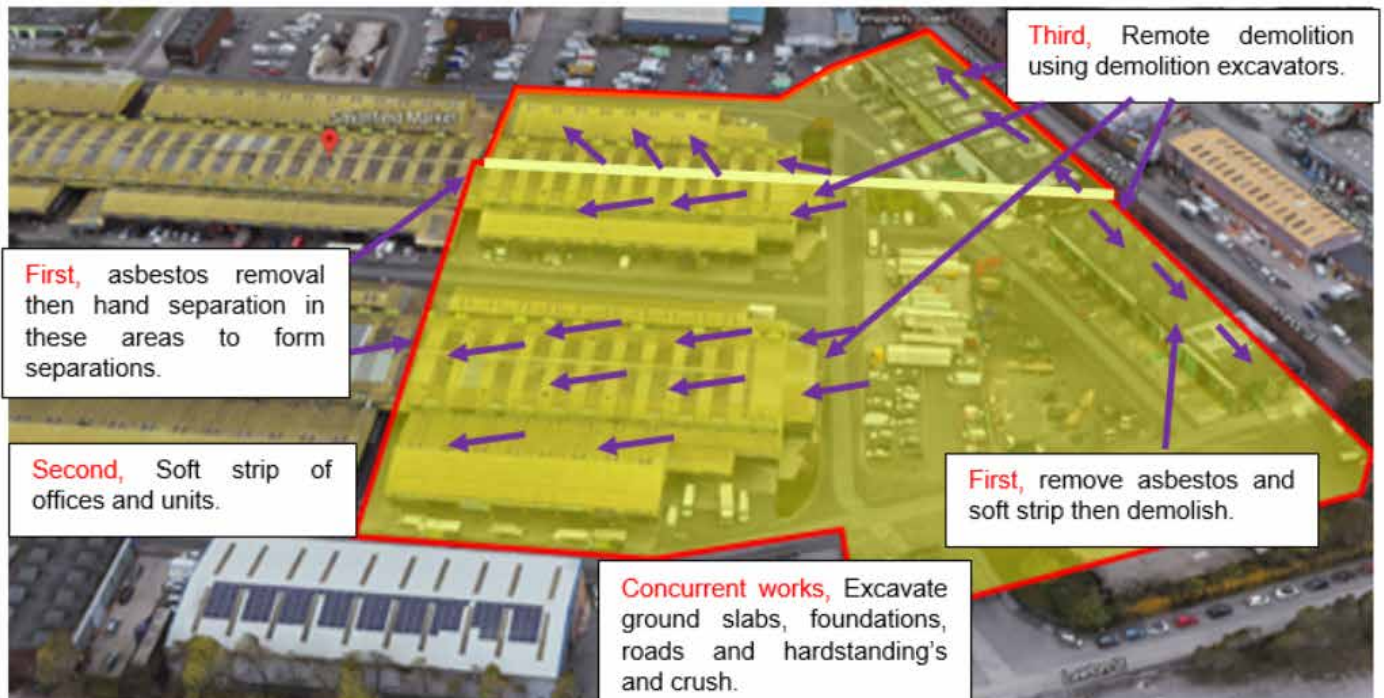
- All persons on site will attend an Employer site specific induction as appropriate.
- In addition to the Employer induction, all persons attending site will also attend a PPOC induction.
 - Part of the induction will include site rules briefing.
 - Daily activity briefings (DABS) will be conducted by the Site Manager to the whole of the site team, including the asbestos removal team.
 - The DABS will consist of the following.
 - Proposed activities for the day.
 - Access/egress routes.
 - Emergency routes and procedures.
 - Review of risks and mitigation measures to be implemented.
 - The following daily/weekly records shall be produced and filed by the PPO Site Manager.
 - Induction records.
 - Daily diary.
 - DABS.
 - Signing in/out records.
 - Signed RAMS.
 - Tool box talks.
 - Asbestos clearance certificates.
 - Training certificates.
 - Hand arm vibration syndrome (HAVS) records.
 - Noise and dust monitoring.
 - Harness inspection records.
 - PUWER records.
 - LOLER records.
 - Plant certificates.
 - Plant check records.
 - Lifting tackle certificates.
- Waste will be separated at source, collected, then removed from site via their individual waste streams.



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DEMOLITION

- On taking possession of the site it will be inspected visually to identify areas of settlement that may be visible. We shall consider the stability of the ground at existing changes in levels, close to buried services, cellars, basements and service trenches to ascertain the impact upon our proposed site operations.
- Fencing will then be erected to form the demolition exclusion zone.
- The works will follow the following sequence;



- Plant will be delivered on drop bed low loaders.
- Prior to demolition commencing the soft stripping/asbestos removal will take place.
- Prior to commencing demolition and commencing any excavations we shall CAT scan high risk areas of the site to identify possible unidentified buried services, this survey will be supplemented by hand excavated trial holes if required.
- Any unidentified services encountered will be reported immediately to the Employer and the Design Team. Obvious remedial and or safety actions will be implemented immediately as an interim solution until such time as formal instructions are received or if appropriate utility company engineers attend site.

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ACCESS, EGRESS, TRAFFIC, SECURITY AND LIAISON

- All existing way leaves, access rights and easements will be agreed and discussed with the Employer's Project Manager. This will determine the confirmation of site access and egress, welfare location and configuration, shared access arrangements and the final demolition sequence.
- PPO and the Employer's Project Manager will liaise with the occupants of neighbouring properties and any other stakeholder parties regarding access/egress and outline planned activities.
- Access gates shall be incorporated into the fencing and these will be kept secured in a closed position and manned by a PPO operative and they shall only be opened under their supervision.
- An emergency out of hours contact number shall also be displayed.
- A traffic management plan will be drawn up between PPO and the Employer then issued to the Employer's Project Manager for his approval.
- Traffic management within the site will be introduced to segregate pedestrians from road vehicles plant.
- Routes will be determined taking into consideration known buried services.
- All vehicles shall be required to travel in a forward direction, reversing and manoeuvring vehicles shall be supervised and aided by a banksman, including visitors and third-party supplier's delivery vehicles.
- A mandatory 5MPH site speed limit will be imposed.
- To minimise the amount of dirt and debris deposited on the roads all wagons will be sheeted to contain materials.
- Prior to leaving the site HGV vehicles with twin wheels shall be inspected to ensure that no debris has lodged between the tyres and any materials found will be removed.
- Banksmen will be deployed at all times during plant movement operations and demolition.

MOBILISATION PERIOD AND INITIAL ACTIVITIES PRIOR TO COMMENCEMENT OF SOFT STRIP AND DEMOLITION ACTIVITIES

- Early dialog will be established between PPOC staff and the Employer's project team to enable clear identification of each other's undertakings and safety concerns.
- Due care and attention will be afforded at all times to the localised working activities of the Employer. The Employer's access/egress routes will be identified and not impeded.
- Emergency out of hours contact details will be given to the Employer and posted in the welfare cabin.
- A PPO first aider will be present on site at all times.
- The first aider will be identified to all persons on site during induction, including the location of the first aid box.
- The first aider's details will be posted on the walls of the welfare area.
- Emergency procedures will be explained during induction to site.
- The local accident and emergency unit (A&E) details will be explained to all working parties during induction.
- Safe access and egress routes will be created, and maintained.
- Evacuation procedure will be developed, and maintained.
- The emergency procedure will be explained during the induction for working near the water.
- Muster points in the event of emergency or evacuation will be established, for the asbestos team and other parties on site and maintained.
- Separation of plant and labour will be in force and maintained at all times and will be clearly sign posted.
- Fuel refilling area will be established and clearly sign posted.
- A smoking area will be established and clearly sign posted.

SOFT STRIPPING

- Using hand tools, operatives will remove the items listed below and the like:
 - Loose furniture.
 - Fixed furniture.
 - Features and fittings.
 - Floor coverings.
 - Suspended and false ceilings.
 - M&E installations.
 - Doors and frames.
 - Skirting.



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- The waste will be separated at source.
- Exclusion zones will be established, sign posted and maintained.
- Safe access and egress routes will be established, sign posted and maintained.
- Emergency escape routes will be established, sign posted and maintained.
- Dust, noise and vibration mitigation measures will be established and maintained.
- Mobile access platforms will be erected by PASMA trained operative, tagged and recorded.
- Operatives wearing full PPE will soft strip and remove waste to skips outside.
- Remove fridge structures checking for C.F.C

MECHANICAL DEMOLITION

- **Note:** asbestos stripping will have been completed prior structural demolition being undertaken.
- **Main warehouses**
- An excavator will start at the west end of the building and demolish it in a top down sequence using a selection of hydraulic attachments.
- As the demolition progress all the waste will be loaded directly into skips and removed from site and the brick work placed in a stock pile for crushing.
- The Units along Press St will then be demolished in the same manor working top down remotely starting at the northern end.
- The boundary wall is not to be demolished.
- The ground slab and foundations, roads and hardstanding's will then be grubbed out and crushed with the brick work.
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SITE CLEARANCE AND DEMOBILISATION

- Once all slab, foundations and hardstanding's have been removed and crushed we will leave the site in a safe manner, with any edges being battered back into the site.
- We will invite the Employer to site to inspect the works and confirm that the works have been completed to their satisfaction. We will rectify and snag items and obtain acceptance in writing that the works have been completed to their satisfaction.
- Then we will remove all our plant, welfare, skips, tools, equipment etc. from site.