



Revision: 02

SECTION: 5.3

**Demolition of Derelict Buildings
METHOD STATEMENT AND ASSESSMENT**

Date: 18-09-23

Form **HS04**



**HOUSING SERVICE UNIT
Demolition of Derelict Buildings at Constitution Hill
METHOD STATEMENT AND ASSESSMENT**

BCP AREA	Manager	Site	Date & Time
Poole	Sam Bouzad	Poole College Constitution Hill	TBC

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Work Activity / operation covered by Method Statement (✓)	
ACTIVITY	Demolition of Derelict Buildings at Constitution Hill
	<p>A site visit was undertaken by CWT to review the site and required demolition works to be completed. Based on the survey this method statement has been formulated for preplanning.</p> <p>Individual method statements and risk assessments will be produced for each building prior to commencement of works on site.</p> <p>It is noted that some buildings have been badly damaged due to A/S behaviour which includes some structural damage which is preventing any pre demolition surveys. This includes the Jellicoe Theatre and the Lady Russell Coates building.</p> <p>The full site boundary is currently secured with double secured gates and sections of temporary timber hoarding and heras fencing where existing fencing does not exist.</p> <p>All walk-through accesses to the site have been closed off</p>
Method of Work	
Prestart	
<ul style="list-style-type: none"> • Prior to commencing works on site all preconstruction information for the project will be reviewed. • Service disconnection certificates will be required from all utility's companies confirming all services have been isolated outside the site demise. • Asbestos removal certification will be required for all identified asbestos within the buildings. Where this is not possible all waste from these buildings will be removed as hazardous waste. • Any Structural details provided for the properties will be reviewed and no access permitted to the buildings where structural concerns are confirmed. • Transport routes for waste will be established and take into consideration the adjacent middle school building and the high number of children using the foot paths in the area between 8 – 9am and 3-4pm • Each building will have a separate heras fence demise established around it providing suitable access for machines and wastes skips. All fencing will be delivered to site and installed complete with double clips rubber feet and back stays where required. Any gated access will be secured with chain and padlock. • Appropriate health and safety signage including details of required PPE will be displayed to the fencing. • A self-contained welfare unit will be established on site including a toilet and canteen area with tank fed water and waste. Chairs with backs will be available with a means to heat food and water and drinking water. • The project manager for the works will notify all local and adjacent properties that the works are due to be commenced, advising working hours and approximate duration. 	

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**Demolition of Derelict Buildings
METHOD STATEMENT AND ASSESSMENT**

Documentation on site will consist of

- Demolition Plan for the works
- Site specific Method and Risk Assessments
- Health and Safety Policy and Statement
- Company Insurance Document
- Site Induction
- Site Register
- Toolbox Talk Logs
- Accident Book
- Pre-Demolition Asbestos Survey and all removal certificates
- Local Authority Section Consent to Demolish
- Service isolation certificates.
- Structural details from any completed surveys

Site works and set up.

- Working hours for site is Monday to Friday 8am to 5pm.
- All operatives on site will be required to have read and signed the project RAMs and have completed a full site induction.
- Only competent and trained operatives will be permitted to work on site throughout the works.
- All required plant will be delivered to the site with all movements controlled under banksmen in and out of the site.

Method of Works

- All operatives will sign into site daily and report to the site manager.
- Where possible each building will have an internal soft strip using battery and hand tools with all waste manually handled to designated areas. All manual handling will be assessed, and mechanical means used as far as reasonably practicable.
- Materials will be sorted for either recycling or waste removal.
- Where a soft strip is not possible buildings will be demolished as detailed with all waste removed as mixed.

Removal of the Roof.

- The roof will be removed by using a 21 tonne 360-degree slew. The machine operator will use his selector grab to lift the roof and lower to the ground safely once lowered to the ground.
- Operatives will remove tiles and wood separating them into piles.



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Demolition of The Buildings

- A 21ton 360 excavator will be used to demolish the buildings.
- The internal strip out and removal of the roofs would have been completed by hand. The shells of buildings above ground level will be demolished using a 21 Tonne 360-degree slew. The machine driver will make a dynamic assessment as to whether to use his grab or bucket attachment when demolishing the building. The attachments are changed with the quick hitch.
- Materials will be sorted for recycling or waste disposal if unable to be recycled.
- To control dust on site a continuous spray and misting system will be used to dampen down the structure during the demolition process.
- Walls will be pushed inwards into the buildings to prevent unplanned collapse throughout the demolition process.
- A crusher unit will be established on site to crush all rubble for this to be recycled. The waste produced will be removed from site using 30 Tonne tipper lorries. Lorries will back into the site supervised by a banks person and will then be loaded by a 360-degree slew.
- Wheel wash facilities will be established to ensure that no waste materials are transferred out onto the public highway.
- All vehicles removing potentially dusty materials will be sheeted prior to leaving the site.
- The demolition waste will be removed from site in skips and 3 tonne trucks and disposed of at the appropriate recycling centres.
- Once all buildings have been removed any existing basements will be back filled with available crushed materials
- All Health and Safety issues will be addressed immediately i.e., PPE and dust reduction.
- No burning of materials will be undertaken on the site during the demolition process.
- NOTED – All demolition works will stop for the duration of site visits.

People involved in Activity/ Operation

Name	Signature	Date

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Summary of High-Risk Activities Identified in Risk Assessment			
Risk Identified	Control Measures		
Use of heavy plant	Only Trained demolition operatives will be on site through the works.		
Flying Debris	Each building made an individual site mechanical means used for demolition, No operatives to access area during machine use.		
Unplanned collapse	Safe system of works established all demolition by mechanical means. No access to unsafe structures.		
Use of Fuel	Refuelling by competent person from bunded tank with spill kit in place fire extinguishers available.		
Personnel Protective Equipment Requirements (Items in BOLD are Mandatory)			
Hi Viz Safety Boots Hard Hat Safety glasses FFP3 face fit tested masks or Forced air constructor kits for those unshaven Appropriate cut grade gloves			
Originator			
Print Name:	Phil Osborn		
Signature:			
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