

Method Statement

148-154 High Street, UB8 1JY
Uxbridge High Street
Contract Number: TBC

Method Statement Reference Number: TBC

| Method Statement Review | Name | Position | Signature | Date |
|-------------------------|--------------------------|-------------------|--|------------|
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| Reviewed by | Ian Skillings MCIOB MIDE | Projects Director | | 07.12.2023 |
| Approved by | | | | |



Document Quality Control

| | |
|-----------------------------------|-------------------------------|
| Method Statement Reference No. | TBC |
| Site Manager | TBC |
| Contract Number | TBC |
| Client | Cast Consultancy |
| Site Address (including postcode) | 148-154 High Street, UB8 1JY. |

Revision status

| Revision | Date | Pages Revised | Description of Revision |
|----------|------|---------------|-------------------------|
| A | | | |
| B | | | |
| C | | | |
| D | | | |
| E | | | |

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This Method Statement has been divided into the following headings for ease of reading and reference:

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1. Scope of Works

This Method Statement covers the following scope of works:

- Carry out R & D Survey
- Footpath Closures, Scaffold Licences
- Erection of Heras Fencing/Timber Hoarding
- Hand Demolition of Main Structures
- Machine Demolition of Courtyard Structures
- Removal & Disposal of all Arisings

Other work operations are covered in separate site-specific Method Statements.

2. Supporting Documents (include: Plans, Work Permits, Temporary Work Designs, Drawings etc.)

| Description | Document Reference Number |
|----------------------------|---------------------------|
| Not available at this time | |
| | |
| | |
| | |

3. Subcontracted Works

- Refurbishment & Demolition Survey
- Service Disconnections
- Asbestos Removal (if required)
- Erection of Timber Hoarding
- Scaffold Erection
- Temporary Works

Note: all sub-contractor works should be covered by a separate RAMS which has been written by them. (Use SMS002/04 Subcontractor RAMS Check to maintain document quality).

All demolition works will be carried out as per BS 6187 (2011)

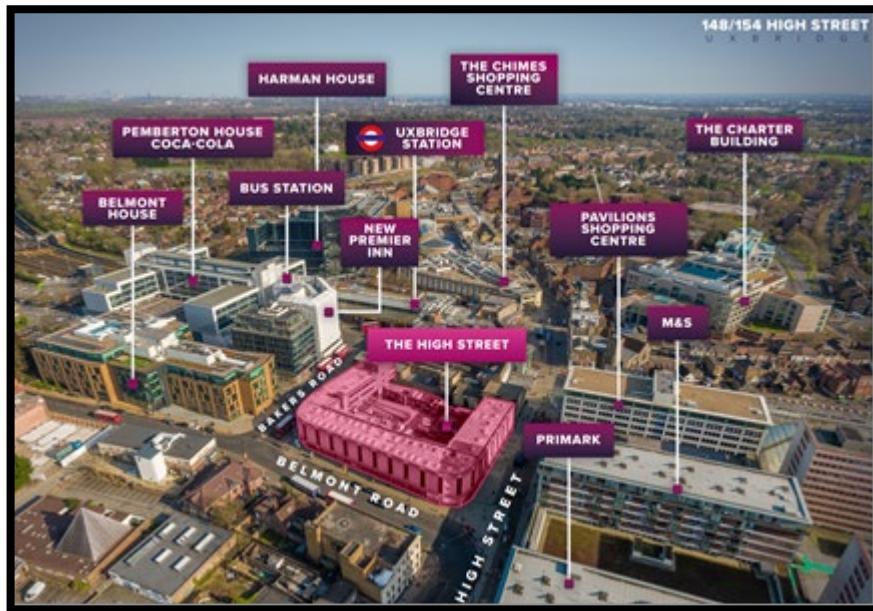
4. Interaction with Adjacent Work Activities or Members of the Public

- Heras style fencing will be in place whilst the external scaffold is being erected to maintain a physical barrier to members of the public
- All access/egress for any asbestos works will be via dedicated transit routes for removal
- Deliveries & Collections will be booked for times to least disrupt the surrounding businesses and a traffic management plan will be in place.
- Local bus terminus located at Uxbridge Station (Bakers Road)
- Daily activity briefings will be carried out by all parties to coordinate the works.

5. Programme

| | | | |
|------------------------------|-----------------------------|-----------------------------|----------|
| Planned Start Date: | TBC | Duration (in weeks): | 24 weeks |
| Working Hours / Days: | Mon – Fri 08.00am – 18.00pm | | |

6. Areas of Work and Access / Egress Management







7. Supervision and Labour Responsibilities

| Role | Responsibility |
|-------------------------|---|
| Project Manager | Management of task, personnel and plant. |
| Site Manager | Oversee the scope of works to ensure that they are undertaken safely following the approved method as detailed within this Statement. Review any works amendments as required |
| Asbestos Analyst | Preliminary air monitoring will be undertaken before the works commence to measure the background level of asbestos fibres in the air. An independent analyst will undertake the air monitoring around the perimeter of the work areas. Air sampling, fibre counting, and certification will be undertaken by a UKAS accredited body. |
| Environmental Scientist | To carry out a watching brief during all excavation works and alert if a potential contaminant is present. To test, monitor and record findings, and carry out occupational monitoring (if required). |
| Machine Operator | To operate the machine and attachments as per this method statement to ensure the delineation works are undertaken in a safe manner. |
| Labourer | To ensure fence lines are maintained and assistance is provided to machine operator as per his instruction. |
| Banksman | To ensure fence lines are maintained and access to the works area is restricted to authorised personnel only. |

8. Plant and Equipment

- 360 Excavator (and attachments). Weights to be confirmed.
- Remote Brokk
- Mobile Crane
- Dust Boss water suppression
- Skid steer (Bobcat)
- Mini digger
- Signage & Barriers etc.
- Temporary fencing
- Hand tools

9. Materials (including COSHH)

- COSHH 001 – Diesel
- COSHH 003 - Machine Grease
- COSHH 019 - Hydraulic Oil

10. Personal Protective Equipment

The following PPE is the mandatory minimum on this site:

- Mandatory hard hat. Only exemption being Sikh employees with turban.
- Class 3 fluorescent/hi-vis jacket.
- Class 3 fluorescent/hi-vis trousers.
- Gloves.
- Eye protection.

Additional or task-specific PPE/RPE shall be worn or substituted for the above as required

| Type of PPE | Details / standard to be used | Activity |
|-----------------|--|----------|
| Eye Protection: | Impact resistant glasses or goggles | |
| Gloves: | Dependent on activity | |
| Ear Protection: | Noise in excess of 85db | |
| Overalls: | Type 5 (BS EN ISO 13982-1) disposable coveralls | |
| RPE: | Face Fit Tested: Sundstrom SR 100 or similar with P3 filter or 3M P3 disposable mask. (If required following a risk assessment of the works) | |
| Other PPE: | As required for task | |

11. Method of Works

All works will be carried out in accordance with BS6187: Demolition Code of Practice

Prior to main works commencing

- Service Disconnections (By Others)
- Scaffold/Pavement Licence Applications
- Structural survey
- Carry out R & D Survey, removal of any asbestos based materials if found during survey.
- Installation of Temporary Works (Propping to basement) as required.
- Installation of Noise/Dust monitoring equipment

Main Works Low Level

- Site Set Up, Welfare Facilities, Fencing, Scaffolding, Signage, Segregation
- With the site set up any propping to the basement area can be installed as per the Structural Engineers design, the basement area can then be stripped out of any remaining M/E and associated ducting. This will be carried out with operatives using hand tools with all waste materials being brought up to ground level for disposal.
- During all demolition works water will be sprayed onto the working area to act as a dust suppressant.
- The low-level buildings within the courtyard can then be demolished down using a suitable size 360 excavator fitted with a pulveriser attachment to break up the roof area and systematically reduce down the main structure to ground level only, works will cease periodically for the working area to be cleared of debris using a 360-excavator fitted with a bucket/selector grab attachment.
- All arisings will be processed into the relevant waste streams and loaded into Skips/tippers for disposal off site via the access/egress on Bakers Road with the vehicles being booked at times least likely to disrupt the surrounding businesses and the bus traffic from the station. A Detailed Traffic Management Plan will be in place as per Section 81 Requirements.

Main works High level

- The perimeter high level buildings will have a protective scaffold erected externally and be fully monoflexed.
- A Structural Engineers report to be in place with calculated floor loadings.
- There will be a mobile crane on site to lift onto the roof a small excavator or remote controlled Brokk.
- Once on the roof the works will commence breaking out the roof area with leading edge protection in place as required, debris from this can be loaded into a scaffold chute down to ground level.
- Works on the perimeter walls will be carried out with operatives using handheld breakers and hand tools for removing any doors/door frames, windows, fixtures and fittings etc and the outside walls reduced down equally.
- All of the resulting debris being disposed using the same method.
- The buildings will be reduced down in height working from right to left to ensure the stability of the structures with the Brokk operators using the machines from behind a fixed handrail.
- The protective scaffold will be struck down in conjunction with the demolition works.
- This process will continue on each of the buildings down to ground level.
- All arisings will be processed into the relevant waste streams and loaded into Skips/tippers for disposal off site via the access/egress on Bakers Road with the vehicles being booked at times least likely to disrupt the surrounding businesses and the bus traffic from the station.
- On completion of the demolition a 2m timber framed hoarding can be erected to the site perimeter for security and public protection.

12. Identified Hazards

1. Working near public/traffic
2. Noise/Dust
3. Traffic Movements
4. Working near moving Plant
5. Premature Collapse
6. Unidentified Hazardous Materials

13. Plant & Equipment Movement and Materials Handling

All deliveries and collections will use the traffic management system which will be in place. These will be timed to least disrupt the surrounding businesses and public. All works will be contained to within the site boundary.

14. Waste Management and Housekeeping

Working areas will remain clean and tidy with operations ceasing periodically for working areas to be cleaned if required. All waste will be streamed into the relevant skip for disposal.

15. Environmental Protection

Noise and vibration will be monitored by JFHR.

Noise and vibration are expected to be within acceptable limits for the JFH element of works. If the noise and vibration protocols are breached or complaints are received at any time, then the works may be suspended whilst the processes are reviewed.

Fuel will be stored in a lockable bunded tank to 110% capacity c/w securable filling hose and trigger located within a secure compound.

Refuelling of plant will be carried out using a mobile fuel bowser. Absorbent granules, a spill kit and detergent will be carried and used in the event of any spills. All plant refuelling will be located in a designated area.

16. Emergency Planning

| First Aiders / Fire Wardens | | |
|-----------------------------|----------|----------------|
| Staff Name | Position | Contact Number |
| | TBC | |
| | | |
| | | |
| | | |

| Emergency Services | | |
|----------------------|--------------------------|----------------|
| Organisation | Address (where relevant) | Contact Number |
| Hospital A&E Dept. | TBC | |
| Fire / Ambulance | TBC | |
| Police | TBC | |
| Environment Agency | TBC | |
| Electricity Supplier | TBC | |
| Gas Supplier | TBC | |

17. Changes to Working Methods

| Details of changes to Methodology | Date amended / author |
|--|-----------------------|
| Following the issue and formal approval of this method statement, if <u>minor</u> changes are made to the intended working method or scope of works then details of these changes can be detailed within this section. Amendments can be made by authorised and competent persons only, they may be clearly handwritten if necessary, but they must be risk assessed and approved by the relevant line manager before use. | |

Appendix A: Drawings

Insert task specific and relevant drawings only.

| Drawing Reference | Drawing Title | Date / Revision |
|--------------------------|----------------------------|------------------------|
| | Not available at this time | |
| | | |
| | | |
| | | |
| | | |

Appendix B: COSHH Assessments

Insert task specific relevant COSHH Assessments only.

| COSHH Ref. No. | Description | Date / Revision |
|-----------------------|--------------------|------------------------|
| | | |
| | | |
| | | |
| | | |
| | | |

Appendix C: Risk Assessments

Insert task specific relevant Risk Assessments only.

Appendix D: Method Statement Briefing Register

Method Statement Briefing Register

I confirm that I have read, or been briefed on, the contents of this Method Statement and associated Risk and COSHH Assessments. I understand not to use alternative working methods or carry out additional work not covered in this method without authorisation from the Site Manager. If I am unclear about the correct working practice, then I will cease work and report immediately to the Site Supervisor or Site Manager for guidance.