

Site Specific Method Statement & Risk Assessment (RAMS)



Project: Jessiefield

Address: Spath Road
Didsbury
Stockport
M20 2TZ

Contract No: J1190

Start Date: 15.05.2023

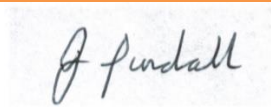
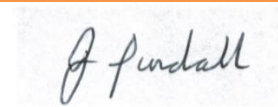
Client: McCarthy Stone

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1. DOCUMENT STATUS

Document Authorisation:

	Assessor:	Approved by:
Name:	Mr Jess Tindall	Mr Jess Tindall
Position:	Managing Director	Managing Director
Signature:		

Document History:

DATE	REVISION No	DETAILS	INITIALS
25.04.2023	01	Initial Issue	CF

Disclaimer

This Method Statement & Risk Assessment is produced as part of Booth Hill Demolition Ltd.'s Safe System of Work and is meant to be used as a guide only for the Health & Safety of Booth Hill's site operatives and visitors of the site in question (so far as can be reasonably expected with the actual knowledge and information available to Booth Hill Demolition at the time of assessment for this document). No dependence should be placed on this Method Statement by any person in any contractual arrangement. Booth Hill Demolition Ltd accepts no responsibility for the consequences of such dependence.

2. ARRANGEMENTS

Site Operatives / Supervision

Copies of Training Certificates, CCDO & CPCS cards for all personnel are to be kept in H&S Plan in the site cabin.

ROLE	NAME	CONTACT DETAILS
Site Manager	Mr Jess Tindall Jnr	07521 471 275
Contracts Manager	Mr Jess Tindall Snr	07816 889 903
First Aider	Mr Jess Tindall Jnr	07521 471 275
Machine Operative	Mr Graham Commons	07914 439 576

Plant / Equipment	Checks carried out by
Hyundai 260 excavator with attachments	Machine Operative

Plant, Equipment & Tools

All Plant, Equipment and Tools will be parked in designated areas and immobilised at the end of working shift.

Site Tidiness

Site to be kept tidy and materials to be segregated and stockpiled as work progresses. All walkways and excess to working areas are to be kept clear of trip and slip hazards. Good housekeeping must be maintained throughout the works and regular monitored and inspected.

Traffic Management

All sites to implement a safe system of traffic management. Use existing roads or loading bays where possible. Reversing manoeuvres need to be controlled and managed using guides where possible. Site compound to have allocated areas for skip deliveries. Vehicles will enter and exit the site from Spath Road.

The 'Thumbs Up' initiative will be adopted on site. Operatives to be given toolbox talk TT_T2 to ensure all operatives are aware of the campaign and that it is used on site at all times when it comes to plant/vehicle movements.

Ongoing Operations

Vehicles to be halted at site entrance and then guided onto and off site. Dirt and debris will be cleared immediately. Adequate precautions will be undertaken to prevent the spreading of dust, including periodic spraying as required.

All barriers and signs etc will be constantly checked and maintained before and during each working day by the Site Supervisor.

Environmental

Dust, noise and vibrations will be monitored during the course of the works. It is accepted that noise cannot be eliminated entirely, but reasonable steps will be taken to reduce any adverse effects of noise generated by the works. Reasonable steps will be taken to reduce dust by water suppression as required in the form of water spraying as necessary.

Emergency Procedures

Muster point for emergency procedures will be site entrance and alarm will be raised vocally. Specific requirements and procedures will be explained to each operative / visitor at site induction. Visitors who are not walking the site will not require inductions. Please refer to Fire Plan & Procedures and site traffic management & layout plan for location of muster point.

Responsibilities for Safety Control & Monitoring

Site Supervisor must ensure a site induction is carried out for all operatives prior to commencement on site. During site induction, all personnel will be made aware of the Specific Working Methods, Site Rules, Accident Reporting and Site Emergency Procedures. These will always be adhered to. Regular toolbox talks will be given and recorded on site. Contracts Manager to conduct regular inspections and audits, copies will be left in site file

Toolbox Talks

Dust	√
Noise	√
Housekeeping	√
Manual Handling	√
Working near Electricity	√
Working at Height	√
Asbestos Awareness	√
Others (please state)	

3. SITE SPECIFIC METHOD STATEMENT

The scope of works is as follows:

Booth Hill Demolition to supply labour, plant and materials to facilitate the deconstruction & removal of the existing building, including removal of slab and foundations. All asbestos containing materials as identified in the report provided are also to be removed by a licensed contractor.

All materials arising from the demolition to be removed from site to a licensed recycling facility.

Sequence of activities:

- Paperwork issued & approved.
- Services isolated/ protected (McCarthy Stone)
- Site set up/ fencing/ welfare
- Asbestos removal (ARD)
- General soft strip
- Delivery of machines
- Delivery of skips
- Commence deconstruction
- Removal of slab and foundations
- Removal of hardstanding's/tarmac
- Demobilisation

Pre-task

All BHD Ltd personnel will attend a site safety induction prior to commencing works. This will be followed by a detailed briefing on the sequence and methodology of the deconstruction activities. All BHD personnel will sign to say they have been briefed and understand the works, a record of this briefing will be kept in the Health & Safety site file.

The following PPE shall always be worn:

Hard Hat (EN397 standard)



Gloves (EN388 standard)

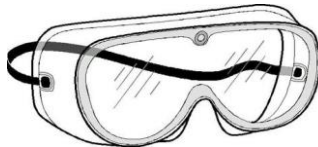


Work boots (EN20345 standard)



Hi – Vis vest/ jacket

Additional task specific PPE will be issued as identified by Risk Assessment, i.e.:



Face Mask (Face fit required) Safety Glasses/ Goggles (EN166 standard) Ear Defenders (EN352 standard)

All PPE to have the CE mark to ensure compliance with current legislation.

Section 81 (Demolition Notice from local council)

BHD to obtain and satisfy the conditions of the Section 81 prior to de-construction operations being undertaken.

Muster Point

In the event of a fire or incident the muster point is the site entrance gate, or a suitably safe location as identified during on site daily briefings carried out by the demolition site supervisor.

Existing Service Isolation

McCarthy Stone is to arrange for the isolation or protection of existing services into the building prior to any strip out works commencing and provide confirmations. Works will not commence until confirmations have been received. Copies of confirmations of services disconnections will be available in the site file.

Hours of Work

Working Hours: Monday to Friday - 7:30am to 5:00pm
 Saturdays - 8:00am to 2:00pm
 Sundays – no work

Materials Suspected of Containing Asbestos

If during any phase of the works any unknown materials found are suspected to contain further asbestos, which have not been identified in the report, all works in that area will cease.

The BHD demolition supervisor will be informed immediately, and the area made safe and fenced off or if possible, the doors locked with adequate warning signage placed.

McCarthy site management will be informed and if asbestos is present then the area will be sealed until such time that it is removed by competent and licensed contractors.

Site Set Up

Site security and welfare facilities to be provided by BHD. Welfare facilities to include kitchen/ canteen/ washroom and toilet facilities. Site security pods and vibration monitors in place.

Demolition Exclusion Zones

BHD will establish demolition exclusion zones around the de-construction areas using herras fencing and adequate warning signage displayed.

Warning signs will be erected by us confirming that demolition/de-construction works are in progress and that access to the area is prohibited to non-demolition operatives, unless accompanied by an experienced member of our staff.

HOLD POINT: The demolition exclusion zone and safety signage are to be inspected by the demolition site supervisor prior to works commencing daily.

All exclusion zone fencing, and entry points will always be physically secured and locked or be under the control of a designated BHD Banksman.

METHODOLOGY

Site Set Up

BHD will ensure the site boundary is secure with herras fencing where required. Fencing will be checked at the beginning and end of each day to ensure no breaches to the fencing.

Security cameras and welfare facilities will be emplaced. Demolition signs will be placed around the site fencing.

OPERATION No.1 – Asbestos Removal

Asbestos removal works will be carried out by ARD Industrial Services. See attached RAMS.

OPERATION No.2 – Soft Stripping Activities

Access to the work during soft stripping operations will be via existing entrances. Before any part of the demolition soft stripping works commence the BHD site supervisor (with the assistance of a demolition operative) will undertake a full site survey to familiarise with the structure, as well as keeping a lookout for any unauthorised persons/ animals present.

The demolition site supervisor will instruct the demolition operatives to begin the soft strip.

No personnel to walk or climb over soft stripped materials. All walkways to be kept clear at all times.

When soft stripping, operatives shall wear a safety helmets, safety goggles or glasses, P3 dust masks (when required due to dusty conditions), long sleeves, suitable gloves (abrasion and cut resistance of 3 minimum) and protective footwear (with steel toe caps and midsole protection).

Soft stripping works will be carried out using handheld non-mechanical tools such as mattocks, picks, sledgehammers and pry bars.

Soft stripping works will comprise of the removal of loose materials & fixed doors and framework which have been left in the buildings.

The soft stripped materials will be placed into the relevant skips located within the site boundary for removal from site to a licensed recycling facility.

OPERATION No.3 – Deconstruction and removal of materials

Deconstruction will be carried out using a Hyundai 260 excavator fitted with demolition guards and capable of reaching the furthest point of the building yet maintaining a safe working distance. The excavators will be fitted with a rotating hydraulic selector grapple attachment and de-constructing the structures in a controlled manner in accordance with BS6187:2011.

Grapple	Shear
	

The Demolition Supervisor & Banksman will always be in radio contact with the Plant Operator and only when the Plant Operator confirms that it is safe to enter the demarcation zones will permission be granted.

The Plant Operator and Banksman shall be thoroughly briefed by the Demolition Site Supervisor on the method statement for the deconstruction works prior to any works commencing. Only when the Supervisor is satisfied the Plant Operator and Banksman have read, understood, and signed the method statement, risk assessment and briefing form, will a permit to demolish will be issued. Noise and vibration will be monitored.

Once the Plant Operator and Banksman are in possession of the permit a final inspection shall be carried out to establish that no persons or equipment are left within the building and that the demolition exclusion zone boundary is secure.

During operation of the demolition plant, banks men wearing high visibility clothing will be positioned to assist the machine driver in directing the demolition, control traffic movements in a safe manner and to warn approaching traffic of the hazard ahead. Dust

suppression techniques (water bowser & dust buster) will be used if required to reduce excess dust emissions.

The 30 tonne excavator with suitable attachments will commence deconstruction from the side elevation of the building, progressing towards the opposite end of the building.

As the building is deconstructed materials will be segregated and loaded into relevant skips i.e., wood/ scrap/ general waste etc. Skips will be removed from site at regular intervals, to a licensed recycling facility.

Once the structure has been fully deconstructed, the demolition attachment will be replaced with a digging bucket. All resulting hardcore will then be loaded into tipper wagons located within the site boundary for removal from site to licensed facility.

OPERATION No.4 – Removal of slab, foundations and hardstanding's

The ground floor slab will be broken out with the 30-tonne excavator with suitable attachments (concrete breaker), and will then be removed with the foundations using a digging bucket, all materials will then be loaded into awaiting 20 tonne tipper wagons for removal from site to a licensed facility.

Hardstanding's/ tarmac surfaces will be ripped up with the excavator with suitable bucket attachment. Resulting materials will then be loaded into awaiting 20 tonne tipper wagons for removal from site to a licensed facility.

The site will be left clean and tidy.

4. RISK ASSESSMENT

Risk Assessment Scoring				
Severity (S)		Likelihood (L)		Risk Band (R)
HIGH (death, major injury requiring more than 7 days off work(RIDDOR reportable) or hospital overnight stay)	3	Certain	5	HIGH – Score 10 – 15
MEDIUM – (injury requiring less than 7 days off work, broken bones, deep lacerations or hospital visit)	2	Very likely	4	MEDIUM – Score 5 – 9
LOW – (Minor injuries, cuts, scrapes, accidents requiring on site first aid)	1	Likely	3	LOW – 0 - 4
To work out risk band – identify the severity of the hazard should it occur then identify the likelihood that the hazard may occur. Multiply these two numbers and assign them to the risk band the total results in. For the residual scores it should be based upon the likelihood of an accident occurring after all control measures have been implemented. The severity of a hazard should never change due to the fact that should an accident occur it still has to the potential to cause the severity identified.		Unlikely	2	
		Very unlikely	1	

Hazard/ Risk	Risk Rating			Control Measures	Residual Risk Rating		
	S	L	R		S	L	R
Existing Services	3	3	9	No work to take place until services are confirmed isolated (written confirmation only). Detailed work method briefed to all workers. Area marked off and warnings signs placed in correct location. Competent staff working in conjunction with company policies.	3	1	3
Falling objects from high level	2	4	8	Safety induction to each employee contractor. Hard hat site. Good housekeeping, supervised employees. Regular housekeeping audits.	2	2	4

Dust, fumes and noise	2	3	6	Trained operatives with valid CSCS/CCDO cards. Use of adequate PPE. Plant & Equipment maintained and serviced regularly. Dust suppression techniques as required. Ear defenders to be worn as required.	2	1	2
General accidents	2	4	8	Sufficient first aid kit determined by risk assessment. Adequate number of trained first aiders. Accident forms in site file and operatives aware of company procedures. Emergency contacts displayed in site cabin and map of nearest A&E hospital.	2	2	4
Inhalation of dust	2	3	6	COSHH procedures. Operatives to wear half face mask and goggles as required. Works to be carried out by methods which avoid creation of dust where possible. Hosing down works with water to keep dust to absolute minimum.	2	1	2
Discovery of suspicious material (asbestos based)	3	3	9	Operatives carrying out works will take special care during this part of the works encountering suspicious material (asbestos based material). If any suspicious material is encountered during the strip out, then work in that immediate area will cease until such time that the material is identified. If asbestos is located then the area will be sealed until such time that it is removed by competent and licensed contractors.	3	2	6
Use of plant equipment	3	4	12	Competent staff trained in specific tool use. CITB trained staff for vehicles all plant equipment hired from vetted suppliers. Operatives to hold appropriate CPC Card. Plant & Equipment to be inspected by plant operator prior to use. All plant & equipment is maintained and serviced (by competent person) regularly.	3	2	6
Manual Handling	2	4	8	Staff induction training. Manual handling training, adequate supervision. Team briefed on ergonomics. Procedures in place. Lifting Aids/Team lifting used.	2	2	4
Handling of tools & equipment	2	4	8	All tools supplied by vetted companies. Regularly tested and inspected, records kept. Additional PPE provided by the company.	2	2	4
Housekeeping	2	4	8	Staff induction, audits and inspections. Tool box talks. Dust damping down, adequate ventilation and regular cleaning	2	2	4

Pollution of the environment from work activities	2	3	6	Good housekeeping. Spillage containment. Emergency procedures. Disposal procedures. Smoke fume and dust suppression.	2	2	4
Failure to evacuate or failure to warn others of the need to evacuate	3	4	12	Site briefing and induction with regards to emergency arrangements. Emergency contacts and map to nearest A&E hospital displayed in site cabin. Appointed fire wardens. Emergency evacuation plan to be implemented.	3	1	3
Incompetent / Inexperienced Operatives	2	4	8	Confirm competence of operatives for the task at hand and have the appropriate CCDO card/certificates (valid). Site foreman to supervise where necessary.	2	2	4
Slips, Trips & Falls	2	4	8	Good general housekeeping on all sites. Toolbox Talks conducted regularly.	2	2	4
Unauthorized persons present in buildings.	3	3	9	Site to be secured by others. Buildings to be checked prior to each shift commencing to ensure no unauthorised persons are present.	3	1	3

