



BRADLEY DEMOLITION

OUTLINE METHOD STATEMENT DEMOLITION UNSAFE BUILDING (WATCHING BRIEF)



OUTLINE METHOD STATEMENT
Demolition
Unsafe Building (Watching Brief)
Revision 01

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[Method Statement](#)
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1. Document Status

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Document History

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15/09/2020	1	All	Initial Issue	M.D
13/10/2020	1	P10	Watching Brief UXO	M.D

2. Project Details

Project Address:	Burlington St Moss Side Manchester
Client:	Bruntwood Albert Square MANCHESTER M2 6LW England.
Principle Contractor:  BRADLEY DEMOLITION	Bradley Demolition. The Yard, Kent Street. Preston. PR1 1PE Project Manager: TBC Enq@bradleydemo.co.uk Tel: 01772 280256 01942 833666

METHOD STATEMENT FORM

Date	15/09/2020
Revision	1
Title	Outline Method Demolition Watching Brief
Location	Burlington St, Moss Side. Manchester



Local Authority Notification

The Local Authority to be notified by the Client of the un-safe building and proposed nature works required at the earliest opportunity prior to commencing.

Description

Due to the unsafe nature of the building/Structure, with potential hidden Asbestos materials within the structure, it will be demolition by CCDO Demolition and Asbestos trained operatives under water dust suppression at all times, working from MEWPs top down, reducing the height of the damaged structure dropping materials into the footprint of the building, where materials will be processed by the demolition excavator and set down in a designated area to be inspected by for potential ACMs by Trained operatives in accordance with BS6187 and CAR2012 Regulations.

Key Risks:

- Pre-mature structural collapse
- Falling Debris
- Asbestos Fibre Release
- Damage to the adjacent environment
- Plant & Vehicle Movements
- General Public
- Dust
- Noise

3. Project Arrangements

Welfare: Provided by Client / Bradley Demolition.

Washing & Drying room	✓
Decontamination Unit	✓
Drinking Water & Cups	✓
Toilets	✓
Canteen seating, Microwave & Kettle facilities	✓
First Aid Box will in the Site Office	✓



Arrival:

Upon arrival to site, contact Bradley Site Manager, and attend site induction within site office. All Welfare provisions and emergency procedures will be detailed within this induction. Bradley supervisor will then deliver the site specific plan of work and risk assessment to operatives. All equipment and vehicles will be stored/parked in line with the traffic management plan provided BDL.

Services:

All services are to be isolated by the Client's approved service provider, from the mains outside the site boundary and certificates of isolation must be submitted to Bradley Demolition Management and Site Supervisor prior to Demolition works.

Live underground services:

Electric, Gas, Water, BT

There is potential that live services that may run in to main switch rooms or meters within the building. This will be clarified by the client and subsequent arrangements for control measures will then be required to isolate further or to protect the services prior to Demolition.

Asbestos:

Asbestos has been not been identified with the building due to the unsafe structure.

Trained CCDO Demolition with CATB and Licensed Asbestos trained Supervisors and Operatives will set up suitable exclusion Zones around the work areas, with appropriate means of decontamination (DCU) and a laydown area for inspecting materials, Packaging ACMs and safe disposal of the materials in the designated sealed skip.

The trained operatives will carry out a watching brief during the works looking for suspected ACMs as the works continue.

Where unidentified suspect materials may be uncovered during the demolition works, then work must stop immediately, notify the Site Supervisor, isolate/segregate the area with appropriate signage and await further instructions.

A safe method of removal of ACMs will be complied based on risk evaluation on the type and location of the material during the works.

Bradleys will notify the Client and where instructed by the client will arrange for samples to be taken by an approved accredited surveying company and await further instruction before recommencing demolition works.

All demolition operatives as a minimum have Asbestos CATB Training.



Setting up Zones:

Key Note: Zones set up as per NFDC Guidance, Demolition Code of Practice (BS6187:2011), Methodology of deconstruction with consideration to potential presence of Asbestos containing materials, the general public, welfare facilities, access/egress/emergency routes, plant operating within a safe working position from the structure, pre-collapse of structure, falling debris and pedestrians. Information will be held on site.

Where it may be necessary to deviate from the site plan, then the supervisor/manager must be informed who will then inform the Client.

Suitable Exclusion and potential drop zones will be set up around the work areas as the demolition sequence requires using a combination Heras fencing, crowd barriers & chapter 8 barriers. Where external interfaces with public adequate Debris Netting may be applied.

Barriers/Panels will be transported safely following designated predetermined routes to be agreed prior, by mechanical means to the areas of installation, reducing the need for manual handling. However a minimum of two operatives will work together when lifting panels in to position and installing the fence lines.

Two Operatives will safely lift the panels in to position, placed in to the feet, and panel will be double clipped using suitable hand tools and secured with triangles set every two panels. It is important to check any hazards along access routes and all movement will involve a minimum of two operatives.

Warning signs will then be attached, these will consist of:

- Danger demolition in progress
- Danger demolition exclusion zone
- Danger Asbestos
- Danger drop zone.

Where the site perimeter requires additional fencing, it will be Heras type 2m x 3m with double clips attached and will be supplied by Bradley Demolition. All BDL fencing will be monitored regularly by Operatives and kept in good order including signage.



Banksman:

External - Competent operatives acting as Banksmen will be placed at strategic prominent positions externally around the site and perimeter fence lines, preventing un-authorized access.

Banksman will also remain vigilant and keep a visual on the structure and report any un safe situations that may arise and notify their supervisor immediately of the situation for whom will act with appropriate remedial action.

Banksman will where necessary engage with the public in polite and professional manner to redirect the public around and away from the works.

Banksmen to monitor and to be in attendance during plant/vehicle movements externally and internally when moving from one demolition zone to another.

Dust Control Strategy:

Any dust generated during the demolition works will be suppressed using water at source. This will be achieved using a combination of Excavator fitted with new integral water suppression system and/or Motofogs directly connected onto IBC's or bowsers filled with water and positioned a safe distance away from the work face.

Hand Demolition ACM Removal - Dust will be suppressed at source during hand demolition and ACM removal, using Hand Held Low Pressure spray bottles works filled with Water and Surfactant.

Appropriate RPE FFP3 filters to be distributed and enforced for all staff to ensure that dust inhalation is fully prevented with all staff having full RPE face fit testing.

KEY NOTE: DUST TO BE SUPRESSED AT SOURCE AT ALL TIMES

AIRTESTING - During the controlled removals air testing will be carried out. This will include personals on the operatives and backgrounds to establish the control limits have not been exceeded throughout the work period. This means an analyst will be on site during the initial works.

Noise Reduction Strategy:

All plant, tools and equipment shall be maintained regularly to ensure that they are fit for purpose and working efficiently. Noise levels will be monitored during the works to ensure that they remain at a satisfactory level. If noise levels elevate above 85 decibels then all workers must wear appropriate PPE (Ear protection EN 352-1).

Noise levels outside the site boundary will also be monitored, if unacceptable levels are found then a revised method must be adopted or additional control measure implemented. All noise level readings will be documented in the onsite file.

Previous works of this nature have been carried out and have had noise assessments produced. A table summary of these results is shown below for reference.



Anticipated Noise Levels:

Activity	Noise produced at Source	Noise produced at site boundary minimum 20 metres
1, Background noise levels.	50-60 dB (A)	50-60 dB (A)
2, Traffic passing on roads.	Average 69dB(A)	Average 69dB(A)
3, Mechanical Demolition with breaker attachment.	97 dB (A)	77 dB (A)
4, Mechanical Demolition with shear attachment.	89 dB (A)	69 dB (A)
5, Mechanical Demolition with pulverisor attachment.	86 dB (A)	66 dB (A)
6, Mechanical Demolition with rotating grab attachment.	84 dB (A)	64 dB(A)
7, Mechanical Demolition with bucket attachment.	81 dB(A)	61 dB(A)

"The above noise levels will be adhered to during the demolition of the structures on the Site."



Emergency Arrangements

As per Bradley induction:

Evacuation assembly/Muster Point as per Bradley induction.

All site personnel will report to the muster point if safe to do so.

A suitable first aid box will be made available.

It will be held in the site welfare cabin.

Principal Contractor & BDL will supply a qualified first aid representative.

In the unlikely event that there is a premature collapse of the structure: (See emergency evacuation plan)

During the course of the works communication will be maintained through good clear verbal instruction with use of two way radios when necessary especially during emergency procedures from supervisor to operatives.

Accident Procedure

If an accident occurs the Site Supervisor will follow Bradley Demolition Ltd emergency arrangements site procedures, as set out within site induction.

Inform BDL H&S representative immediately.

All accidents will be thoroughly investigated by the BDL Site & H&S representatives. They will assess the degree of competence adopted, as to whether the incident is likely to re-occur if the methods adopted continue to be used.

Bradley Demolition Ltd safety consultant will be informed of the incident and will undertake an investigation where required and report sent to HSE.

Emergency Procedures

- Means of raising the alarm: As per Bradley's induction emergency procedures. In addition Bradley competent operative will use an air klaxon which will be blown for approx. 5 seconds repeatedly alerting others in the work area, however they must also alert others and follow the Site Emergency Evacuation Procedure as set out in the Bradley's site induction and where necessary use Two way radios and wait at the muster point for further instruction.
- No Hot Works. (Hot works - cutting steel or metal using cutting discs or Gas Axe cutting where sparks are omitted) envisaged at this stage. However hot works carried out under a BDL hot works Permit regime. Fire Watch will be continual throughout the works process and one hour after the works are completed.



- In the unlikely event that there is a premature collapse of the structure: (See emergency evacuation plan)

Assessment of Significant Risks:

Pre-mature Structural collapse:

- The Structure will be deconstructed using hand demolition methods and technics reducing the height of the building and clearing waste by mechanical means where safe to do so and processing materials, removing operatives from the hazard zones, in a phased sequence one structural bay at a time in a top down manner as per this method statement. Works to progress in slow methodical manner allowing the site team to continually assess the structure and apply any changes and controls measures when necessary following consultation with all the relevant parties.

Removal of Asbestos Containing Materials.

- Potential ACMs to be removed in accordance with CAR2012 by trained operatives in full PPE/RPE and decontamination procedures
- ACMs removed, packaged and disposed of in a designated sealed skip in accordance with CAR2012
- Dust to be suppressed at the work face (Source) i.e. damped down via suppression from hand held low pressure sprayers, Integral Machine suppression system, MOTOFOGS placed at strategic positions around the work area. Debris netting or Dust protection screens to be established at key locations
- AIRTESTING - During the controlled removals air testing will be carried out. This will include personals on the operatives and backgrounds to establish the control limits have not been exceeded throughout the work period. This means an analyst will be on site during the initial works.

Injury to unauthorised Personnel:

- Fencing provided by Principal Contractor. Exclusion Zone Fencing, Safety signage and Debris netting where appropriate to be erected around the works by BDL. BDL Supervisor and appointed persons to check integrity on a daily basis;
- BDL operatives to monitor entry and exit into exclusion zone works area preventing un-authorized entry.

Bradley managed plant manoeuvres:

- Plant to have 360° vision;
- Integral rear view camera and mirrors to be present, working, clean and maintained
- Plant to be operated by a competent driver, trained to CPCS/NPORS
- Plant to be guided by a banksman;
- Plant to be regularly maintained.



Risk of fall:

- All works at height activities to have to be in accordance with legislation and to conform with the risk assessment;
- Compliant access equipment MEWPs to be used from competent hire firm.
- Experienced IPAF Trained operatives only to operate MEWPs at anytime
- Rescue Plan

Fall of materials:

- Exclusion zones / designated drop zones around immediate work area to be controlled at all times.
- Suitable and sufficient Hand and Mechanical demolition methods and technics carried out in a logical top down sequence allowing materials to fall in a controlled manner in to the foot print of the building, surrounded by suitable fenced off exclusion zones with appropriate signage, preventing entry to the hazard zone (Debris Zone)

Watching Brief UXO

Site Supervisor and Operatives must maintain a watching brief during the works, In the unlikely event the ordnances are found then contact the emergency services Tel: 999 and BDL Management immediately segregate the area and await their arrival. Prevent un-authorised access to the area.



Additional Control Measures:

- All operatives and visitors will be required to sign on and off site daily with BRADLEY SITE TEAM, in addition to this, all visitors to the project will be escorted by a competent person;
- An induction and Method statement briefings, toolbox talks is to be given by Bradley's Site Manager in accordance with Bradley Demolition Ltd company policy prior to commencing work on site;
- After completion operatives are then to put on PPE as required and transfer all necessary equipment to the working area.
- All power tools to be used are to be either 110V or cordless. Where a generator is to be used for 110V power and must be earthed either by the integral generator earthing system or earth spike to the ground.
- All plant operatives will be CCDO/CPCS registered and will have copies of their certificate with them for inspection;
- During the site induction all personnel will be made aware of Bradley Demolition Ltd Site Rules, Accident Reporting and Site Emergency procedures.
- Operatives will be required to confirm they have received the induction, method and risk assessments.
- Statement briefings by signature and a copy of this will be kept in the Site file.
- All areas of work will be supervised at all times.
- The Supervisor to constantly assess the ability of each operative with regards to their Skills, Knowledge, Ability, Training & Experience and their ability to complete the work in a safe manner without incurring risks to himself or third parties.
- The Supervisor will be in possession of a set of documents relating to the sequence of work.
- As each new area of work is approached, the site supervisor will communicate with the site operatives in respect of the works to be executed, in which areas they are to be executed and, most importantly the factor of risk likely to be encountered during each specific operation.



PPE

Bradley Demolition Ltd will issue all Bradley site personnel with standard and task specific personal protective equipment.

Safety wear will generally comprise of the following:

White coverall CAT 3 Type 5/6, Respirators **P3** Sundstrom **Sr100 ps x 20**

EN 1073-2 Hard hats, Cat 5 hand protection, footwear against risk of penetration and impact, high visibility vests, safety glasses to protect against airborne particles during soft strip and cutting operations along with hearing protection where required.

All personnel will be issued with the necessary PPE for the task in hand and must wear it at all times.

Safety Helmet EN397:1999 5/A 1:2000 	√	Hi-Vis Clothing class 2 warning clothing EN147 	√	Ear Protection EN352-1 	√	Gloves high resistance construction EN388 Factor 3543 	√	Respirators P3 Sundstrom Sr100 ps x 20	√
				Safety Boots EN345 	√			Dust Masks ffP3 filter	
White coverall CAT 3 Type 5/6 EN 1073-2	√	Fire retardant Coveralls EN11612 EN11611 For Hot Works		Eye Protection EN166 class F & Class B impact 	√	Visor / shield EN175		Safety Harness & Lanyard EN 361:2002 & EN 358:1999	√
						Gauntlet EN 388 Cat 2, 3124			

*RPE nasal / oral P3 protection to be worn when necessary

*All operatives must be FACE FITTED and CLEAN SHAVEN before wearing and using half mask



4. Scope of Works

The demolition scope is as per agreement with Client, & Bradley which in summary comprises:

1. Induction process as set out by the P.C. Bradley Demolition.
2. Bradley Contracts Manager will then deliver the site specific Plan of Work and risk assessment.
3. Bradley to take delivery of Plant & Equipment.
4. Establish Exclusion, Drop Zones and designated laydown area around the work areas as per sequence.
5. Establish position of Banksman/Sentries.
6. Set up Water Dust suppression systems.
7. Set up MEWPs and Plant
8. Demolition and ACM removal of the building in a phased sequence.
9. Removal of waste of site.
10. Safely Decant & demobilise site

5. Methodology

Bradleys Site team will be constantly assessing the works and liaise with the Bradley Management and incorporate any changes to the Sequence of works or Method Statement that is required. And await further written instructions before proceeding. Daily Tasks & Risks will be briefed by the Site Supervisor and documented in the daily Task Briefing site form and filed in the Site File.

Description

The works is to safely demolition the unsafe building in a top down method utilising hand demolition with an Asbestos watching brief and removing any potential Asbestos containing Materials under controlled conditions in accordance with The Control of Asbestos Regulation 2012 and Code of Practice for Full and Partial Demolition BS 6187 2011

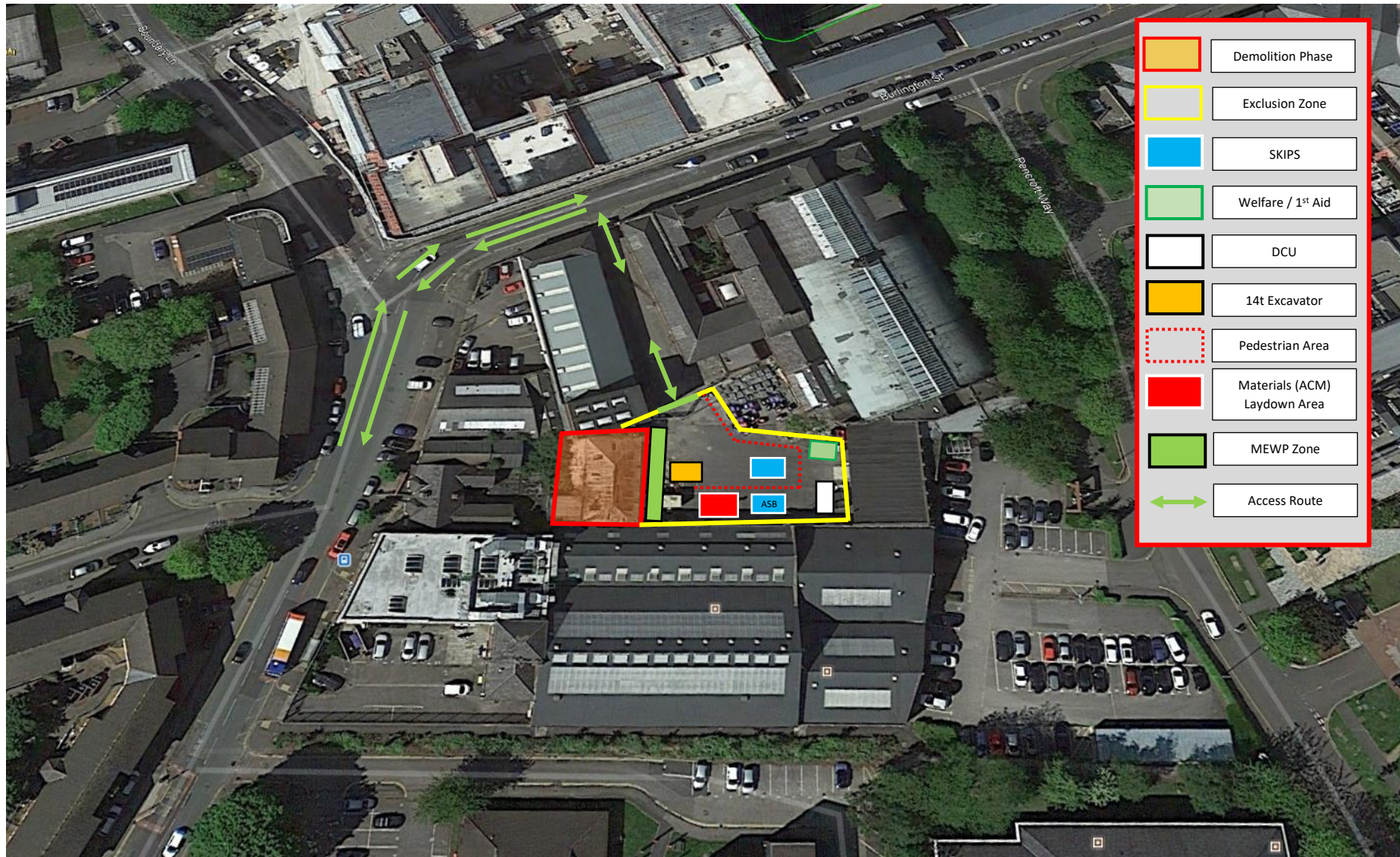


Pre-demolition Checks

- All Site employees inducted in to the RAMs & Daily task briefing prior to commencing.
- Service Disconnection certs & Service drawings.
- Inspect and Check the structures from a safe position and assess the structural elements i.e. roof, columns, beams and structural walls for damage.
- Experienced site team will assess and chose the most appropriate starting position.
- Apply appropriate PPE/RPE for all tasks.
- Exclusion/Drop Zones/Laydown area and Access Routes, including appropriate signage are suitably established and secured around the work areas.
- Means of communication established, checked and maintained
- Banksman positioned at strategic positions around the project
- Plant & equipment are inspected and in good working order.
- Means of suitable water dust suppression have been established and ready.
- Selection of the appropriate sized MEWPs, plant & equipment and machine with attachment for sequencing and starting position.



Site Plan



Deliveries

- Delivery access will be via the existing site access Burlington St
- Competent demolition supervisor to access the immediate area where the demolition machine is to be tracked off. (Holding Area)
- Airbag fall protection system may be required as per Wates minimum standards. Only apply to the side of the delivery vehicle where necessary. All attachments will be offloaded using the machine/mechanical means.
- Fill out manual handling Risk Assessment for this. (Form in site file).
- Ensure low loader machine will fit through entrance.
- If not, machine will be off loaded in the area outside the entrance, and tracked through onto site.
- Competent and trained low loader driver from reputable service provider to arrive at the site entrance with the demolition excavator safely affixed to low loaders bed.
- Ensure safety items such as flashing beacons and reversing siren are working.
- Driver to stop engine and apply handbrake/dead man before exiting vehicle to liaise with the supervisor.
- Pedestrians / non-essential operatives will be temporarily stopped by banksmen. Banksmen will stand in safe positions as stated by low loader driver and supervisor.
- If necessary, for a short duration, banksmen may temporarily need to stop traffic, if when unloading the vehicle, highways are encroached upon by the movement of the plant.
- Banksmen will stop traffic for the time that the machine is unloaded from the low loader frame.
- Trained banksmen will use clear hand signals and verbal instruction to control traffic.
- Any ramps or materials used in offloading the plant will be supplied by the competent haulier company.
- Trained and competent driver will be experienced with methods of loading and offloading plant and equipment using step frame ramps to the rear, and 'side off' loading from larger low loaders.
- When offloading the machine from the side or rear of the carriage, trained and competent driver will use the '3 points of contact' method. Apply fall protection system
- Ensure low loader bed is as clear as possible before moving.
- Offloading from the side of the trailer will occur by the competent operative moving the bucket attached to the dipper arm onto the ground at the side of the low loader.
- This will support the weight of the machine as it tracks off.
- The machine will track forward on the frame and then turn the machine tracks to track off the side of the low loader.
- The machine will track off, onto the ground level.
- The machine driver will then slew the dipper arm and bucket off 180o and plant it down again to support the plant movement.
- Operator will move the tracks again and move the machine completely off the low loader to ground level.
- The machine will then track into site through the entrance.

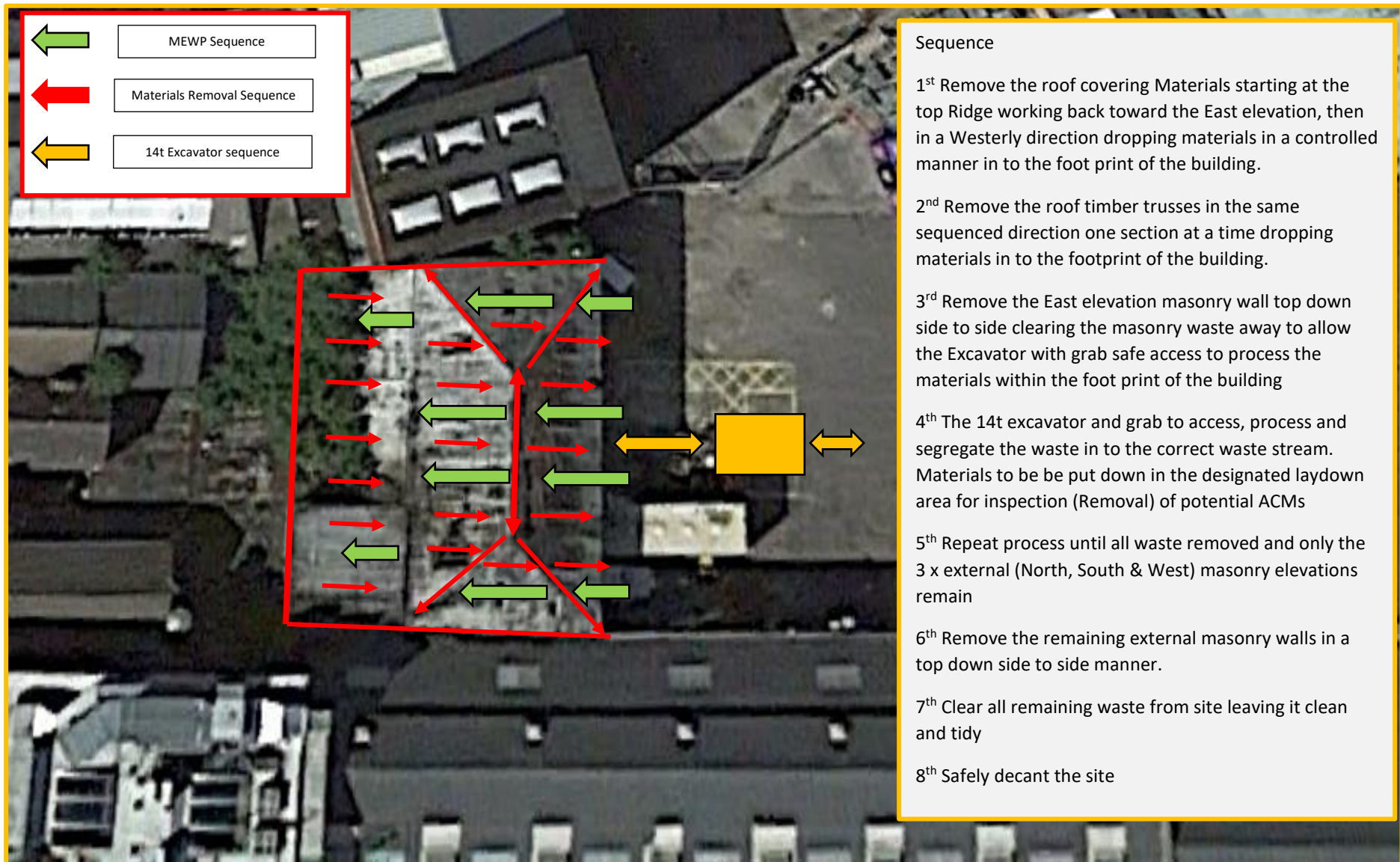
Demolition Sequence

Key Notes: Demolition and Asbestos works will be carried out in accordance with BS6178 2011 Code of Practice, the Control of Asbestos Regulations 2012 and current legislation and guidance.

- Hand demolition sequence will commence from the East elevation, using MEWPs removing the pitched roof materials and the timber trusses one section at a time, using suitable hand tools and proceed through in a Westerly direction once all pre demolition checks have been completed area by area. (See Drawing)
- Once the roof section is completed the east elevation external masonry walls will then be removed in a top down, side to side methodology using hand tools.
- **KEY NOTES:** ACM watching Brief at all times - All materials to be assessed for ACMs prior to removal.
- All materials to be assessed and dismantled using suitable hand tools and dropped in a controlled manner within the footprint of the building.
- However were ACMs that have been assessed and can be removed safely be hand, the ACMs will be removed under controlled conditions, packaged, lowered to the ground in the MEWP and transported to the designated sealed skip.
- **Materials dropped in to the foot print will be accessed by the 14t excavator with grab attachment when safe to do so, removed from the building and placed down in the designated laydown area ready for inspection by Asbestos trained operatives for ACMs.**
- ACMs will then be removed, packaged and transported under controlled conditions from the laydown area to the designated seal Asbestos Skip.
- Other waste materials items will be processed and segregated in to the correct waste streams and loaded in to the correct skips ready for removal from site.



Hand Demolition Sequence



Roof Removal

Description

Trained Demolition and IPAF operatives to access the roof materials and remove them using small hand tools working from a suitable MEWP for access.

KEY NOTES:

The operatives will adopt a slow methodical sympathetic approach to accessing the roof from a suitable MEWP and remove small sections of the roof at a time, Assessing materials for ACMs where there is no ACMs present or cannot be removed safely by hand then materials will be dropped in to the footprint of the building.

Where ACMs have been assessed and can be removed safely by hand then operatives will remove the ACMs under controlled conditions.

DO NOT EXCEED THE SWL OF THE MEWP (BASKET)

KEY RISKS:

1. Ground Conditions.
2. Overhead services
3. Access routes.
4. Adverse weather conditions.
5. Fall from Height.
6. Asbestos

Method

- Trained operatives to inspect plant & equipment including harness, restraint system prior to works.
- Operatives to familiarise themselves with the MEWP and emergency decent procedures as per the manufacturer's instructions.
- Operatives to apply suitable PPE when carrying out the works.
- Operatives must plan the route that allows safe access for the MEWP to the roof tiles.
- Ensure weather conditions do not affect the safety of persons carrying out the task or others.
- A suitable sized Exclusion Zone to be established using barriers or Banksman to monitor area below the work at height activities. Banksman to monitor from a safe position preventing any un-authorized access.
- Trained IPAF Operator will access the MEWP at low level entering the MEWP using the correct access point.

- Operator in full body harness and restraint will connect to the MEWP anchor point.
- Competent trained IPAF operatives will manoeuvre the MEWP to the suitable position to access the roof ensuring the ground conditions are suitable and free from obstruction.
- The Banksman to be familiar with the base controls so in the event of an emergency can manoeuvre the MEWP down to a safe position. See Rescue Plan
- Banksman to be in attendance maintaining good communication visually & verbal with the operator when necessary, while aware of their surroundings and potential interface with the structure and others.
- Once in position the operator with banksman in position will raise the MEWP in a slow and methodical manner to the roof.
- The MEWP basket will be raised up away and over on to the roof in a suitable position for the operator to remove small sections of roof using small hand tools at arm's length from the basket.

OPERATOR MUST NOT LEAN OUT OR OVER THE BASKET AT ANYTIME

- Starting from the top working side to side and top down, the roof materials will be prized away using small hand tools and dropped in to the footprint of the building. DO NOT OVERLOAD THE SWL OF THE MEWP (BASKET)
- The ACM materials will be removed, packaged under controlled conditions lowered to the ground, unloaded and transported to the sealed Asbestos skip
- Repeat the process until all roof tiles are removed.



Masonry wall Removal

Description

The masonry will be sequenced top down and side to side one brick and one course at a time, down level with the existing ground level.

- Competent trained operative used
- **Plant / tools – BDL:** Hand tools – 7kg breaker / Wrecking Bar / garden type sprayer
- Access equipment – MEWP.
- All Tasks to be carried out by Trained Operatives
- Ensure all Plant and equipment are inspected and recorded prior to use, including MEWP
- Operatives to ensure application of suitable task specific PPE. Impact Goggles, Gloves, Hi Viz Vest, Safety Helmet/Visor and Hearing Protection.
- Check signed exclusion zone applied around the works and checked by BDL operator.
- The masonry walls will be removed by trained operatives using hand tools working top down one course and one brick at a time.
- The masonry bricks will be loosened using a chisel and minimum pressure applied to the mortar bed at the open end of the bricks, handled by operatives and dropped in a controlled manner in to the open space below.
- Materials will be cleared by mechanical means (14t Excavator with attachment) periodically around the work face when safe to do so., stop work above, move the MEWP away to a safe position and allow safe access for the excavator to scrape the materials back away from the structure in a slow methodical manner, processing the masonry waste materials away from the building, stockpiling ready for inspection by trained Asbestos operatives.

KEY NOTE: The waste materials to be spread out flat in a small predesignated area ready for inspection by Trained Asbestos Operatives.



Clearing Waste Materials from the Building

Description

The waste materials within the foot print will only be cleared once the roof section and the East elevation masonry wall has been removed sufficiently to allow safe access for the excavator with grab attachment to reach in and take hold of materials safely and without damage to the remaining external masonry walls and remove the waste to the designated laydown area for inspection of potential ACMs by trained Asbestos Operatives.

- The Excavator will be positioned at the front of the building by the trained operator.
- The Excavator will track forward and backwards and only slew left and right when necessary.
- The Excavator will only track forward when safe to so communicated by the Task supervisor
- The Excavator will only track forward in a slow methodical manner to reach the materials, take hold of the materials with the grab attachment, lift the waste materials, keeping the grab at the lowest point possible and track back until the excavator is clear of the all surrounding structures.
- Once clear the excavator can slew left or right to lower and place down the materials ready for inspection for potential ACMs.
- Repeat the process when safe to do so until completion.

KEY NOTES: **COMMUNICATION**

- Banksman to be positioned at a safe distance to assist in the movement of the excavator.
- Asbestos Operatives must remain at a safe distance and only enter the designated laydown area when the excavator has moved away to a safe distance and communicated by the supervisor safe to do so.
- It is vital communication is kept between the BDL Supervisor and the site team, especially the excavator driver and banksman. This will ideally be via radio and a set procedure discussed at the induction stage.

Material ACM Inspection (Laydown Area)

- Operatives will wear, Type 5/6 category 3 overalls, Sundstrom half masks fitted with P3 filters, safety boots, over boots, hardhats, gloves and hi visibility clothing for the duration of the works.
- Operatives will set up an exclusion/Respiratory zone and apply suitable warning signs around the work area. Apply polythene sheeting below the works and in the laydown area.
- Operatives will set up a fully functional certified decontamination unit at suitable safe distance away from the removal works. (See Site Plan)



- Supervision to ensure that all asbestos removal personnel decontaminate at the end of each shift in accordance with the Standard Operating Procedures.
- All disposable overalls, gloves & filters must be placed within a red asbestos bag at the end of the shift, the bag will then be cleaned using rags soaked in water and placed into a clear bag.
- The bag will then be disposed of within the designated ACM skip.
- Using tried and tested removal and wetting techniques during the process that prevent spread and intern prevent exposure.
- Waste disposed of using the correct waste packaging transported to the designated suitable skips ready for further disposal to landfill.
- The waste materials will be carefully lowered down to a suitable demarcated laydown ready for processing. (See Site Plan)
- Operatives to remain at a safe distance when the machine is in operation and only approach the materials on the ground once communicated safe to do so by the machine operator and Supervisor using two way radios.
- Materials will be inspected by Asbestos Trained Operatives
- Materials found to contain Asbestos will be wetted and double bagged as described previously or wrapped using 1000 gauge polythene.
- Waste disposed of using the correct waste packaging, (Red and Clear Asbestos waste sacks or 1000 gauge Poly) transported to the designated sealed asbestos skips ready for further disposal to landfill.
- Repeat the process until completion.
- Supervisor to inspect the work area, then operatives will litter pick and clean the area of any debris using a h type vacuum and cloths soaked in surfactant before moving on to the next area.
- Once the supervisor is satisfied that all ACMs have been removed a clearance certificate will be issued and filed.

COMMUNICATION

It is vital communication is kept between the BDL Supervisor and BDL site team, especially the excavator driver. This will ideally be via radio and a set procedure discussed at the induction stage.



Loading Wagons/Skips

Description

All waste will be removed from site periodically at the earliest opportunity preventing any build up on site which could lead to additional hazards.

- Trained Banksman will assist and monitor Vehicles from the external holding area to access and then egress off site.
- The Banksman and the vehicle operator will inspect the vehicle undercarriage, wheels, and tyres for any foreign object that may be trapped on the vehicle prior to leaving site, the vehicle must be immobilised and in a stationary position, with safety features such as the Deadman (handbrake) applied.
- The Banksman or an appointed person will check for debris i.e. stones in vehicle tyre treads and Axels and using the jet wash will wheel wash the vehicle prior to it leaving site.
- Banksmen will be operational at all times and no waste is to be released from the stockpile whilst personnel are inside the zone.
- Wagons will then enter the site via and then into the Demolition site exclusion Zone. Banksmen will assist the wagon driver and ensure safe entry is gained.
- Ensure the wagon is stationary with engine off and in position before loading the wagon. Wagon/skip to be loaded in a careful methodical manner.
- Ensure banksman can see both the plant driver and the other side of the wagon where debris has the potential to fall off.
- Where a skip is used it will then be dropped into the designated demolition exclusion zone.
- Once safe to do so the excavator can begin to load the wagon/skip using a suitable attachment. Excavators will only be operated trained and competent personnel.
- Any dust generated will be suppressed using high pressure sprayers and hose pipes.
- Once loading is finished the wagon can be taken off site. The wagon will exit via the main site access gate.
- No operative at any time will be allowed within the slewing distance of the excavator, or within 5m of it.
- This process will be repeated throughout the Demolition phase until completion.
- Wagon to be loaded in a careful methodical manner. Ensure both banksmen can see both the plant driver and the other side of the wagon where debris has the potential to fall off.
- The skip/wagon will then be dropped into the designated demolition exclusion zone.



- Once communicated by the banksman 1 that it is safe to do so the excavator can begin to load the skip/wagon using the grab attachment. Excavators will only be operated trained and competent personnel.



Note: Sequence may change due to Site requirements



Manual Handling

Works to be undertaken in a logical sequence to avoid manual-handling operations so far as is reasonably practicable and where appropriate materials to be handled by mechanical means and the use of lifting aids such as wheeled transportation.

Where necessary a manual handling risk assessment to be carried out and recorded by a competent person.

Routes to be planned, size and weight to be assessed and the number of competent persons required to carry out the task. Ensure suitable rest periods and rotation of the tasks preventing fatigue.

Post Demolition Works

The Demolition of the structure will be left clear, clean and free from any Asbestos & Demolition arising's down to the slab level.

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ite Supervisor/Manager will complete the handover to the Client and record in the BDL Completion form . Site Supervisor/Manager and Client Representative to both Sign.

6. Employees signing sheet

Method Statement: Demolition

Rev: 1

Briefing given by: Site Manager/ Supervisor.

WE, THE UNDERSIGNED, HAVE READ AND FULLY UNDERSTAND THIS PLAN OF WORK.
ANY QUERIES, PROBLEMS OR AREAS NOT UNDERSTOOD HAVE BEEN DISCUSSED AND CLARIFIED WITH THE SITE SUPERVISOR AND/OR DEMOLITION MANAGER/HEAD OFFICE AS APPROPRIATE PRIOR TO SIGNING BELOW.

Name	Signed	Date



OUTLINE METHOD STATEMENT - Demolition - Unsafe Building (Watching Brief) Revision 01

Prepared By	Role	Date	Signature
Michael Degnan	H&S Co-ordinator	14/09/2020	
Reviewed By	Role	Date	Signature

