GLOBAL ASBESTOS SOLUTIONS

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Far Pastures Farm, Burnley Rd East, Rossendale, Lancs, BB4 9NH

01706 254 560

PROPOSED ASBESTOS REMOVAL PLAN

For the

SAFE REMOVAL *and* DISPOSAL OF ASBESTOS

(to be read in conjunction with 1. Global Asbestos Solutions Ltd Standard Operating Procedures Revision 9 2.Donald Insall investigation document 3. LAE LTD/Global Methods and protection measures document and Ransom Asbestos Survey)

Draft Proposal



Authors:	Steven Maude
Position:	SHEQ Manager / Contract Manager
Date:	09.03.2026
Signatures:	

Contract No
Site Address
Marlsbro House, Newton Street, Manchester, M1 1ED

Authorised:	Lee Ashworth
Position:	Director
Date:	09.03.2026
Signature:	

Review Record

No changes to the details in the assessment or plan of work are to be made without prior authorisation from a Contracts Manager, Company Safety Officer or Director. All departures / changes to this plan of work are to be recorded here and in the daily site log by the Supervisor authorised to do so.

IF THE TASK CANNOT BE CARRIED OUT IN ACCORDANCE WITH THIS PLAN OF WORK DUE TO WHATEVER REASON THEN WORK ON THE TASK MUST CEASE (UNLESS TO MAKE SAFE) UNTIL AUTHORISATION IS GIVEN

Date / Time	Section	Details	Revision	Authorised by

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4. RISK ASSESSMENT .....

Standard Procedures.....

INTRODUCTION

Global Asbestos Solutions Ltd, have been entrusted to carry out the safe removal and disposal of Asbestos materials throughout Marlsbro House, Newton Street, Manchester, M1 1ED.

The Property is a Grade 2 Listed Building circa 1820. The building is red brick with cement rendering, some iron framing, and slated roof. There are four storeys, a basement and a loft. Removal works will take place on the 4th floor. The property is unoccupied and the asbestos removal works are being carried out prior to refurbishment.

A building condition survey was carried out by Jenkins Design Services on 22nd July 2021 and an Asbestos Refurbishment Survey by DR Environmental Consultants completed on the 11th January 2021.

There is also an additional survey of the 4th floor area carried out by Ranson surveys dated 19th December 2025

The DCU and skip will be situated in the car park at the back of the building.

The Supervisor has visited site previously and the Contracts Manager and SHEQ Manager will be on site to provide a full induction to all the Site Team prior to any works commencing.

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1. DETAILS OF CONTRACT

Client Details

Client Name & Address		Address (if different)
Telephone Number	**Contact**	**Email Address**

CDM Appointed Roles

CDM Client		CDM Principal Designer		CDM Principal Contractor	
Contact:		**Contact:**		**Contact:**	
Tel No:		**Tel No:**		**Tel No:**	
Email:		**Email:**		**Email:**	

Waste

Veolia UK, Whitemoss Rd, Skelmersdale, Lancs WN8 9TH		**Waste Carrier**	**Global**
		Waste storage on site	**Waste skip on site** **Van Waste Compartment**
Contact:	**Christine Oates**	**Anticipated waste amount**	
Tel No:	**01695 559948**	**Comments:**	
Email:	**Christine.oates@veolia.com**		

Enforcing Authority

HEALTH & SAFETY EXECUTIVE Redgrave Court, Merton Road, Bootle, Merseyside, L20 7HS	
Telephone Number	**Email Address**
0300 0031747	***Asbestos-unit@hse.gov.uk***

Site Personnel

Contract Manager			
Name	**Steven Maude**	**Telephone Number:**	**07879932966**

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Site Supervisor – NOMINATED FIRST AIDER			
Name	Luke Woltenstone	Telephone Number:	07704768273
Site Operatives – FIRST AID TRAINED			
1	TBC		
2	TBC		
3	TBC		
Key Site Personnel – When will the following be on site			
Site Supervisor	Contracts Manager	SHEQ Manager	
At all times	One visits a week has been allocated	One visits a week has been allocated	

2. DETAILS OF PROJECT

Project Date & Working Times

Date ASB5 Submitted:	TBC		
Duration of Work:			
ENCLOSURE 1-			
Date Site Set UP will Commence:	TBC	Shift Start (Mon-Fri)	Shift End (Mon-Fri)
Date Removal Work Will Commence:		08:00	18:00
Date 4 stage clearance:		Shift Start (Sat-Sun)	Shift End (Sat-Sun)
Time of 4 Stage Clearance:	AM	N/A	N/A
ENCLOSURE 2 -			
Date Site Set UP will Commence:	TBC	Shift Start (Mon-Fri)	Shift End (Mon-Fri)
Date Removal Work Will Commence:		08:00	18:00
Date 4 stage clearance:		Shift Start (Sat-Sun)	Shift End (Sat-Sun)
Time of 4 Stage Clearance:	AM	N/A	N/A
ENCLOSURE 3 –			
Date Site Set UP will Commence:	TBC	Shift Start (Mon-Fri)	Shift End (Mon-Fri)
Date Removal Work Will Commence:		08:00	18:00
Date 4 stage clearance:		Shift Start (Sat-Sun)	Shift End (Sat-Sun)
Time of 4 Stage Clearance:	AM	N/A	N/A

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ENCLOSURE 4 –			
Date Site Set UP will Commence:	**TBC**	**Shift Start (Mon-Fri)**	**Shift End (Mon-Fri)**
Date Removal Work Will Commence:		**08:00**	**18:00**
Date 4 stage clearance:		**Shift Start (Sat-Sun)**	**Shift End (Sat-Sun)**
Time of 4 Stage Clearance:	**AM**	**N/A**	**N/A**
ENCLOSURE 5 –			
Date Site Set UP will Commence:	**TBC**	**Shift Start (Mon-Fri)**	**Shift End (Mon-Fri)**
Date Removal Work Will Commence:		**08:00**	**18:00**
Date 4 stage clearance:		**Shift Start (Sat-Sun)**	**Shift End (Sat-Sun)**
Time of 4 Stage Clearance:	**AM**	**N/A**	**N/A**

UKAS Accredited Analytical Company (Who Will Carry Out The 4 Stage Clearance)

Company Name & Address		
Telephone Number	**Contact**	**Email Address**

Analytical Company Contracted To: -	**UKAS Accreditation Number**
Global	
Details of Analytical Attendance on Site	**Personal Monitoring**
On completion of each enclosure, Dirty End and shower of decontamination unit at every 4-stage clearance	During removal

Details of Survey / Samples Taken

Survey / Analytical Company	**Survey / Sample(s) Details**	**Date Survey carried out / Sample(s)**
Asbestos Refurbishment Survey / DR Environmental **Ranson Surveying**	**Paper lining under pipe insulation**	**11TH January 2021** **19th December 2026**
ACM to be Removed	**Condition**	**Quantity**
Chrysotile Paper lining under pipe insulation	**Medium damage**	

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Site Specific Hazards

During the preliminary site assessment, the following hazards where identified:

- Electrical
- Enclosed space
- Working at height
- Protection of Heritage

COSHH

- Fibre Suppressant
- Expanding Foam
- Aerosol Smoke Fluid
- Spray fix Aerosol Adhesive
- Diesel

The above list IS NOT exhaustive and additional items should be covered in tool box talks. Any additional hazards that become apparent that are not detailed in the site risk assessment should be logged and relayed to the contract manager and a tool box talk given on the newly identified hazards. All detailed generic risk assessments referenced are kept on site with this plan of work.

Site Inductions to be given by the Contracts Manager / SHEQ Manager with all site team before any works commence. Supervisor to deliver site inductions with any other visitors during the works.

Toolbox Talks to be carried out for the below hazards;

- Areas of heritage to be protected from works
- Electrical
- Working from a Scaffold

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Site Rules

- No access top site without receiving a site induction
- All operatives and Supervisors to be well presented and clean shaven
- No smoking on site
- Working hours to be adhered to
- Whilst entering or exiting the building be mindful to remain polite and courteous at all times.

Site Security

Site	The building will be secured by LEE ASHWORTH EXCAVATIONS LTD/ GLOBAL Global must ensure their working areas are suitably signed and secured to prohibit unauthorised entry
Enclosure	The enclosures shall be segregated with warning signs and warning tape

Consultation

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The Contract Manager and SHEQ Manager previously visited the site accompanied by the Supervisor. Contract Manager (where possible) will meet the workforce on site at project commencement to ensure that all instructions contained within this RAMS are fully communicated and understood.
Global Asbestos Solutions adopt procedures to enable employees to discuss and offer advice on matters connected with the contract that contribute towards the good management of health and safety.
This will be given effect via:

- Toolbox talks regarding specific and significant risks
- Encouraging personnel to raise any concerns immediately with the Contract Manager or other members of the team who will have authority to effect change.
- Enabling the views of personnel to be expressed by their representatives at the regular site safety & progress meetings.
- Monthly meetings are held where worker involvement is actively encouraged.

Site Facilities

Ensure facilities are always kept clean. If you have concerns report to the Contract Manager / SHEQ Manager

	Supplied by	Location
Water Supply	Client	External tap
Power Supply	Client	Suitable power
WC	Client	Basement
Resting Facilities	Client	Basement

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Site Muster Points and Emergency Procedure

In the event of a fire the following actions are required:

- **Priority is to ensure that in the event of an emergency situation, all personnel can be evacuated immediately to a safe area. The Site Supervisor or outside man will:**
  - **Sound the alarm**
  - **Notify the necessary authorities**
  - **Ensure the safe exit of all staff using the most appropriate means**
  - **Conduct a role call to ensure all staff have exited the danger zone safely**

- **On hearing the alarm, all operatives are to immediately evacuate the premises/area by using the fire exits furthest away from the fire**

- **If the decontamination unit is outside the building, they will muster at that location, prior to decontamination. In other circumstances they will muster at the CARPARK ACROSS THE ROAD OPPOSITE THE BACK OF THE BUILDING (PLEASE SEE SITE OVERVIEW)**

- **In an emergency continuous blasts of the horn will be given and all operatives on hearing this alarm are to down tools and remove themselves from the work area following transit decontamination procedure (unless instructed not to do so) and to muster at the assembly point**

- **The transit route will act as the emergency exit for all areas**

- **The site supervisor will initiate a test run at the initial stage of the project**

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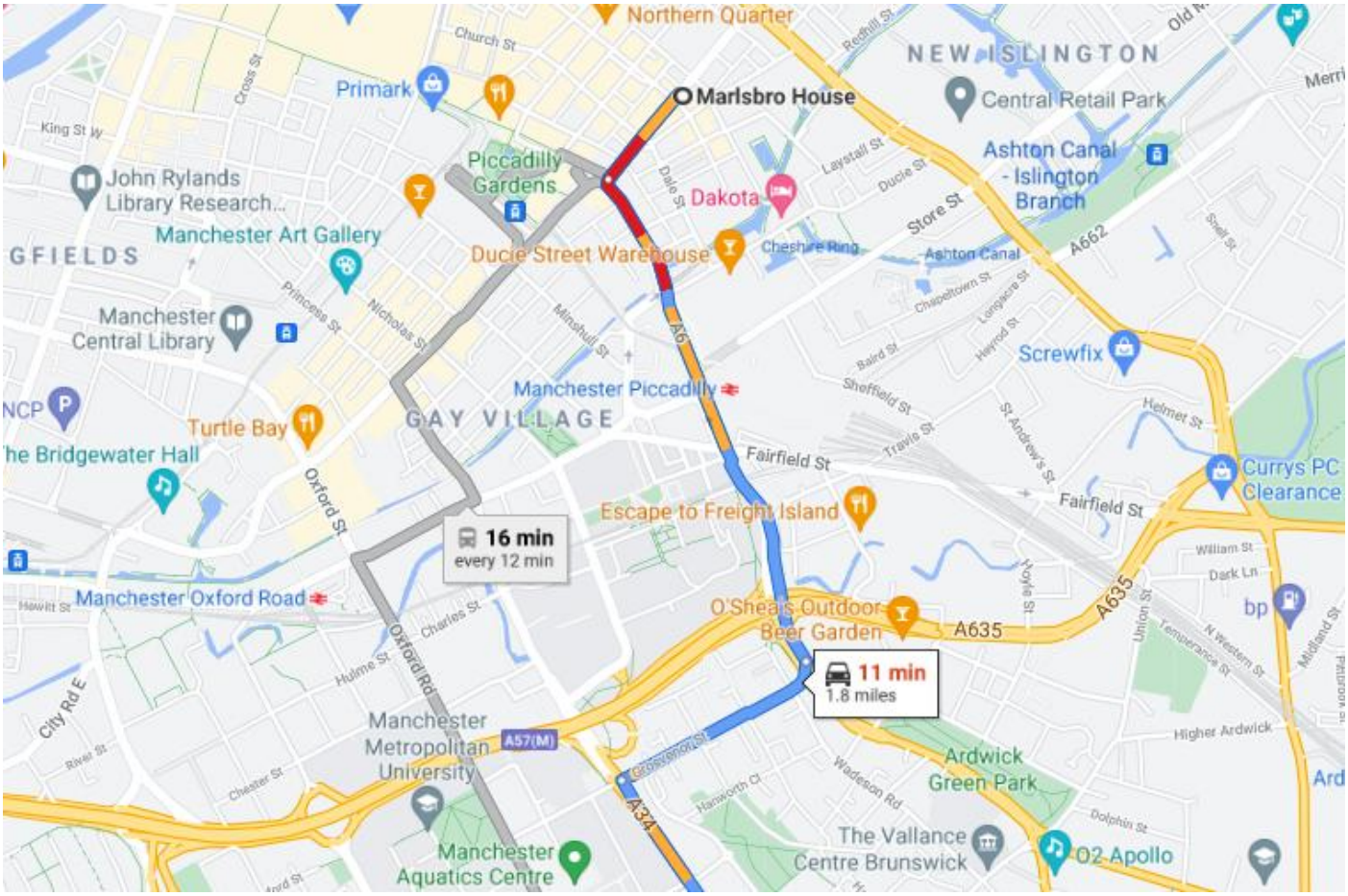
Accident and Emergency Hospital (A & E Dept)

ACCIDENT AND EMERGENCY HOSPITAL (A & E Dept)

MANCHESTER ROYAL INFIRMARY

Tel: 0161 276 1234

Oxford Road
Manchester
Greater Manchester
M13 9WL



NOMINATED FIRST AIDER ON SITE WILL BE:

Luke Woltenstone - 07704768273

FIRST AID KITS WILL BE HELD IN THE SITE OFFICE AND OUTSIDE OF THE WORKING AREA.

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Equipment and Materials to be Used on Site

Negative Pressure Units (NPU) (complying with BS8520:2)			Type 'H Vacuums (complying with BS8520:3)		
Number of NPU's to be used	ENCLOSURE 1	2	Number of Vacuums to be used	ENCLOSURE 1	4
	ENCLOSURE 2	2		ENCLOSURE 2	4
	ENCLOSURE 3	2		ENCLOSURE 3	4
	ENCLOSURE 4	2		ENCLOSURE 4	4
	ENCLOSURE 5	2		ENCLOSURE 5	3
Roving heads to be used	Please See Drawings				
Length of ducting / bends	Please See Drawings				
Model numbers of NPU's	TBC				
Pre-filters to be changed within enclosure daily or when visibly over loaded. NPU's to be checked at the start and end of each shift and recorded on the daily checksheet.			All vaccum equipment to be checked at the start and end of each shift and recorded on the daily checksheet. The last vacuum hose left in situ to be bagged in clear asbestos waste bag and placed in lockable storage.		

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Enclosure	
Number	ALL
Number & Location of Vision Panels	PLEASE SEE DRAWINGS

Fibre Suppressant Technique to Be Used;

Material Type / Matrix

Hydrophobic (repels Water)	YES	NO	Hydrophilic (Affinity to Water)	YES	NO
	✓			✓	

Time Allocated for Penetration	1 Hour
Amount of Fibre suppressant	As required, minimum allocated 25ltrs

Surface coating equipment

Low Pressure Garden Sprayer	✓
General Hose Pipe	
Airless Sprayer	
Shadow vacuum Technique	✓
Other (specify)	

Hand Tools		
List of Hand Tools to be Used	hammer, pry bar, screwdriver, and wire brush	Hand tools used within an enclosure to be wiped down with damp rags and placed into a clear waste bag and sealed at the neck with polycloth tape, the bag will then be passed through the baglock wiped down and placed into the company vehicle.
Power Tools to be Used (IF POWER TOOLS TO BE USED / USED THE HAVS CALCULATOR AND ADD TO RISK ASSESSMENT)	Reciprocating saw and cordless drill	Power tools (including any protective cases) used within the enclosure will be. ϖ Thoroughly vacuumed using a type 'H' vacuum ϖ Wiped with anti-static wipes to remove all visible dust ϖ Placed into a clear asbestos sack and sealed at the neck with polycloth tape, the bag will then be passed through the baglock wiped down and placed into the company vehicle.

Access Equipment		
Ladders	No	Pre-use check sheet to be completed
Hop Up	Yes	Pre-use check sheet to be completed
Scaffold	Yes	Pre-use check sheet to be completed
Mobile Access		Pre-use check sheet to be completed

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Prior to any works commencing, the DCU will be set up in the location detailed below, tested and recorded in the site information file completed by the Site Supervisor

Location(s) on site	Carpark to the rear of the building	
Is the DCU a direct connection to the enclosure?	No insufficient space	
Is the DCU self-contained	Yes	
Water Supply	Connected to water supply via outdoor tap on carpark	
Power Supply	Various locations see drawings	
Location of drainage or disposal of wastewater instructions	Foul drain external to building on carpark	
Distance of Transit Route	ENCLOSURE 1	TBC
	ENCLOSURE 2	TBC
	ENCLOSURE 3	TBC
	ENCLOSURE 4	TBC
	ENCLOSURE 5	TBC
Will the transit route be covered?	YES	

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4.0 CONTROL MEASURES

Respiratory Protective Equipment (RPE)

As our employees are involved in asbestos removal operations on a regular basis, we record all hours worked in the working area. Should personal on-site monitoring differ the results will be considered on future assessments.

Evidence of expected exposure levels with controls applied for specific removal works is detailed within the table below.

Maximum fibres within the work area are not to be exceed: 1.00 f/cm³
Maximum fibres outside the work area are not to be exceed: 0.10 f/cm³

Task	Anticipated f/cm³	RPE	Protection factor	Coveralls Type 5/6 Class 3
Pre-Clean	<0.10 f/cm³	Half Mask	20	Blue
Enclosure Construction	<0.10 f/cm³	N/A	N/A	Blue
Removal of AIB shuttering	<0.10 f/cm³	Full Face	40	Red within enclosure
Removal of insulation whilst enclosed in foam	<0.10 f/cm³	Full Face	40	Red within enclosure
Removal of insulation using the hand scrap method	0.0125 f/cm³	Full Face	40	Red within enclosure
Waste run AIB	<0.10 f/cm³	Half Mask	20	Blue
Waste run Insulation	0.015 f/cm³	Half Mask	20	Blue
Dismantling Enclosure	<0.10 f/cm³	Half Mask	20	Blue

TYPE		STANDARD	PROTECTION FACTOR	
FULL FACE MASK, POWERPACK P3 FILTERS		EN 136/143	40 (4.0 f/ml)	✓
ORINASAL HALF MASK P3 FILTERS (Sundstrom SR 100)		EN 140/143	20 (2.0 f/ml)	✓
Anticipated Maximum Fibre Levels			3.0 f/ml	



Anticipated Exposure

Anticipated exposure level based upon levels reported for removals of similar materials using 'Good Practice' as reported in HSG 247 Table 1.1 - Well-controlled work with ACMs

ALL WEARERS MUST BE FACE FIT TESTED AND CERTIFICATED

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Task Specific Personnel Protective Equipment (Ppe) Requirements

Pre Clean, Enclosure Construction & Dismantling		Removal in enclosure		Transit Procedures	
Enclosure Construction	Cat 5 or 6 Blue Coveralls	Safety Black Wellingtons	Cat 5 or 6 Red Coveralls	Safety White Wellingtons	Cat 5 or 6 White Coveralls
					

								
Type 5 Disposable Coveralls	Steel Toe Capped Work Boots	Steel Toe Capped Wellington Boots	High Vis Vests	Hearing Protection	Eye Protection	Gloves	Safety Helmets	Safety Harnes

Type 5 Disposable Coveralls		Steel Toe Capped Work Boots		Steel Toe Capped Wellington Boots		High Vis Vests		Hearing Protection		Eye Protection		Gloves		Safety Helmets		Safety Harnes	
Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
✓		✓		✓		✓			✓		✓	✓			✓		✓

Other: Specify

AMBIENT TEMPERATURES			
BELOW 0°C		20°C - 30°C	
0°C - 10°C		30°C - 35°C	
10°C - 20°C	✓	ABOVE 35°C	

WILL THE AREA BE SUBJECT TO SOLAR GAIN	YES		NO	✓

** Consider the time of year whether Solar Gain is perceived to be a significant risk or not

PROXIMITY OF THIRD PARTIES			
NEXT TO ENCLOSURE		VACANT BUILDING	
FLOOR ABOVE		FLOOR BELOW	
MORE THAN 1O METRES AWAY	✓	(Other Contractors)	✓

SMOKE TESTING

ALL ENCLOSURES ARE TO BE SMOKE TESTED BY THE SITE SUPERVISOR OR ASBESTOS CONTRACTS MANAGER AND WITNESSED BY ONE OF FOLLOWING IF AVAILABLE.

IF WITNESS NOT AVAILABLE RECORD IN DAILY SITE DIARY GIVING REASONS WHY AND MEASURES TAKEN TO TRY TO OBTAIN WITNESS

NB: SMOKE TEST MUST BE RECORDED ON THE SMOKE TEST FORM

CLIENT	SITE SUPERVISOR	ANALYST	CONTRACTS MANAGER

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AIR MONITORING (BY INDEPENDENTUKAS ACCREDITED ANALYTICAL COMPANY)					
PRE-START BACKGROUND TESTS	✓		BACKGROUND MONITORING		
LEAKAGE TEST SAMPLING			REASSURANCE TEST SAMPLING		
PERSONAL AIR MONITORING	✓				
PERSONNEL SAMPLING WHEN REQUIRED (Maintain Personnel Assessments)					
PRE-CLEAN (i.e., prior to enclosure)	✓		ENCLOSURE CONSTRUCTION		
ASBESTOS REMOVAL	✓		ENLARGEMENT OF FIXING HOLES		
CLEANING OF SURFACES	✓		FINE CLEANING OF ENCLOSURE	✓	
ENCLOSURE DECONSTRUCTION	✓		WASTE REMOVAL	✓	
4 STAGE CLEARANCE and ISSUEING OF CERTIFICATE OF REOCCUPATION	Stage 1	✓		Stage 2	✓
	Stage 3	✓		Stage 4	✓

Live Services Within the Enclosure								
	YES	NO		YES	NO		YES	NO
Gas		✓	Electricity		✓	Water		✓
Steam		✓	Telephone		✓	Computer		✓
Fire Alarm		✓	Fiber Optic Cable		✓			

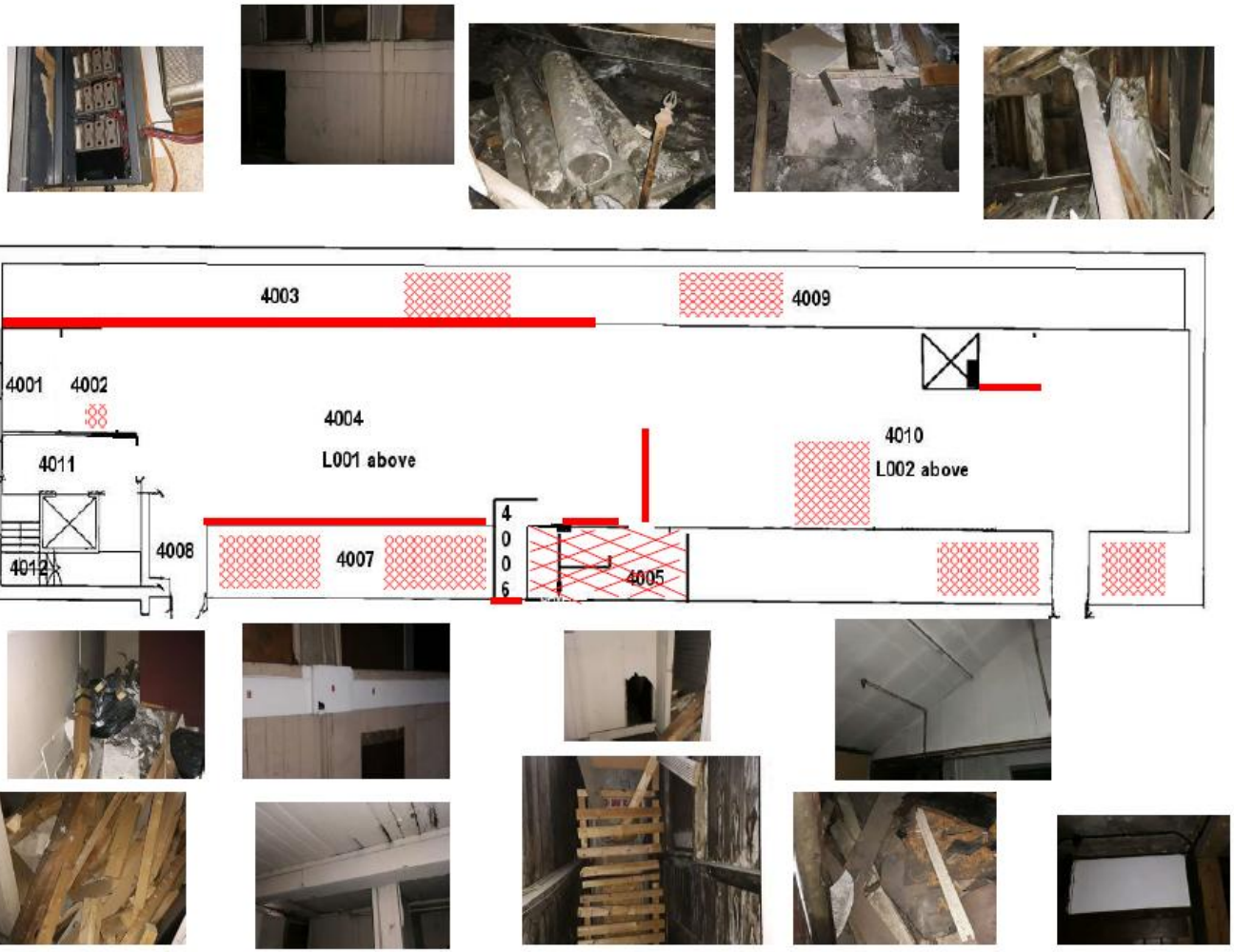
NOTES All electric used within the enclosure are to be 110v

Isolation of Services		
Service	Do the services require isolation prior to works commencing	Isolation to be carried out by
Gas	✓	Client
Electricity	✓	Client
Water	✓	Client
Steam	✓	Client
Computer	✓	Client
Fire Alarm	✓	Client
Fibre Optic Cables		

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3. Overview of Work

FOURTH FLOOR–Asbestos Insulating Board to Ceiling, Walls, Boxing and Eaves. Asbestos Insulating Board Debris in Eaves and WC



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Site Drawings and Photographs



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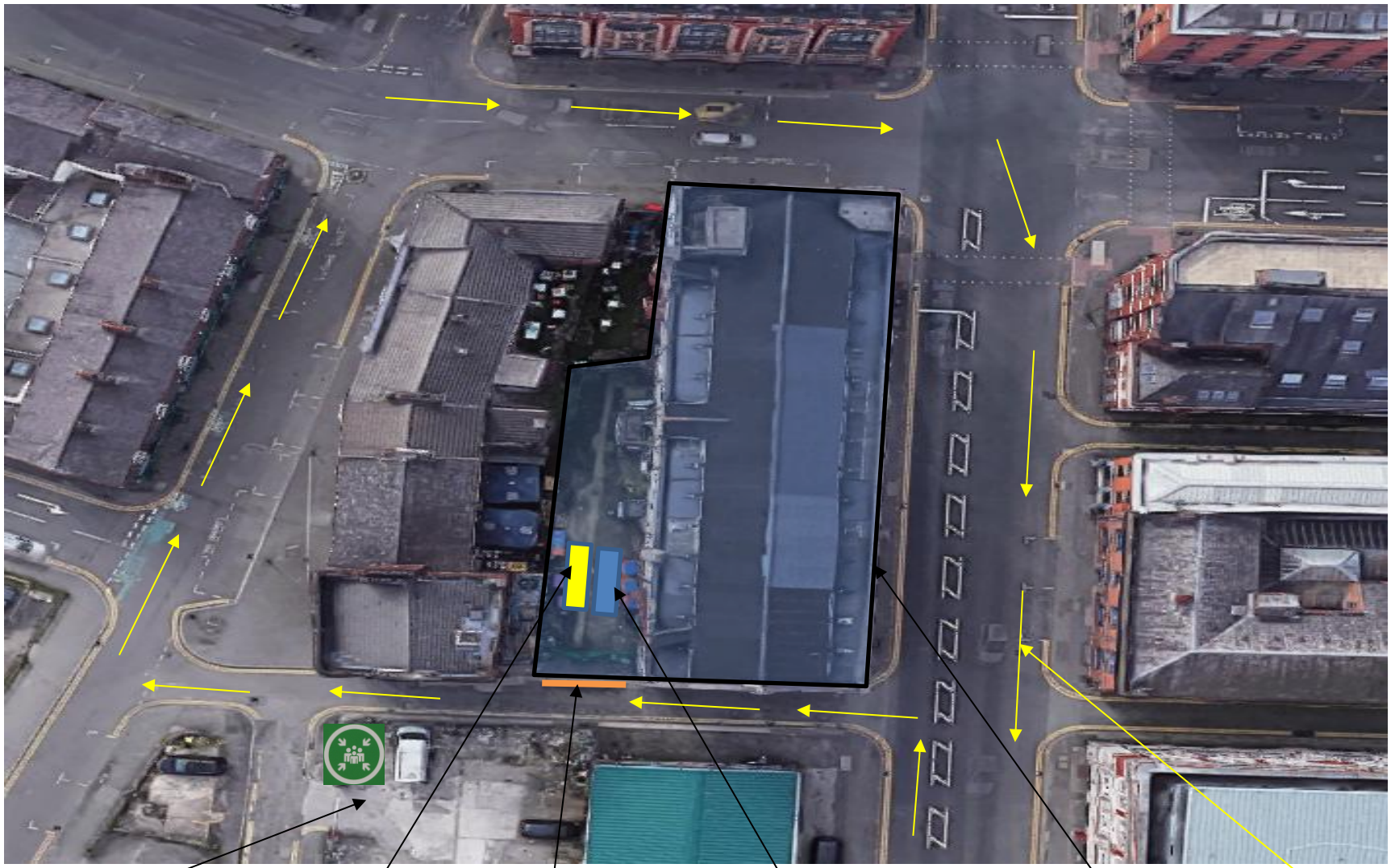
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Overview

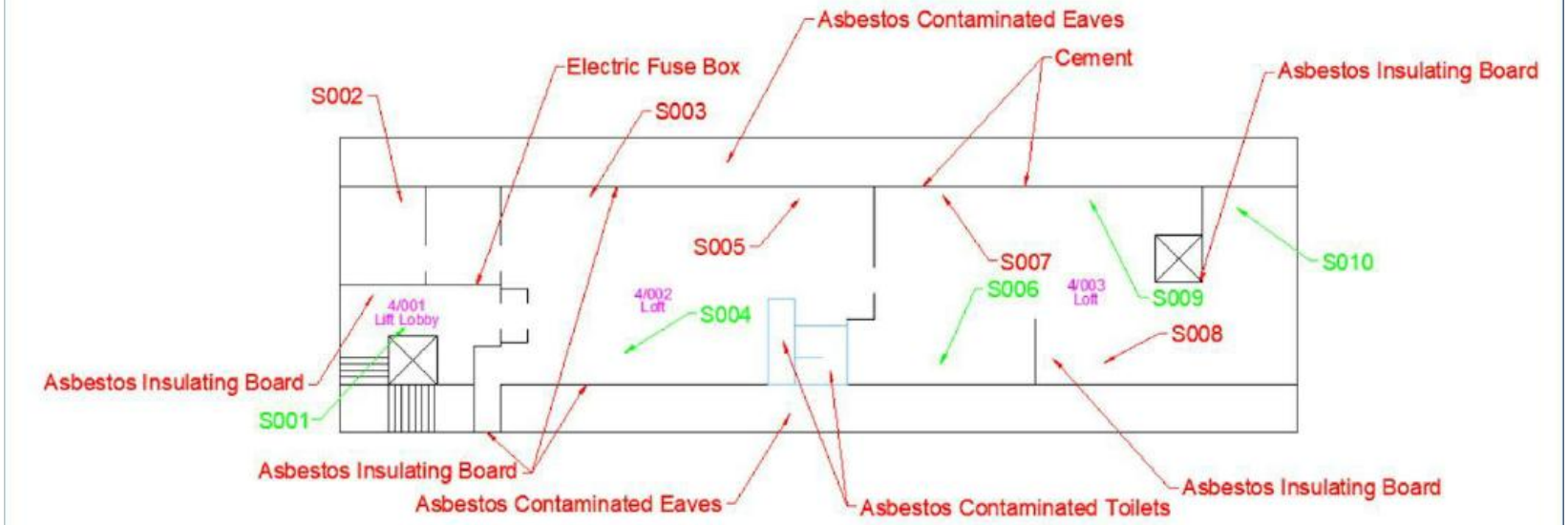


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Floor Overview

Building: Marlsboro House	Floor level: Fourth



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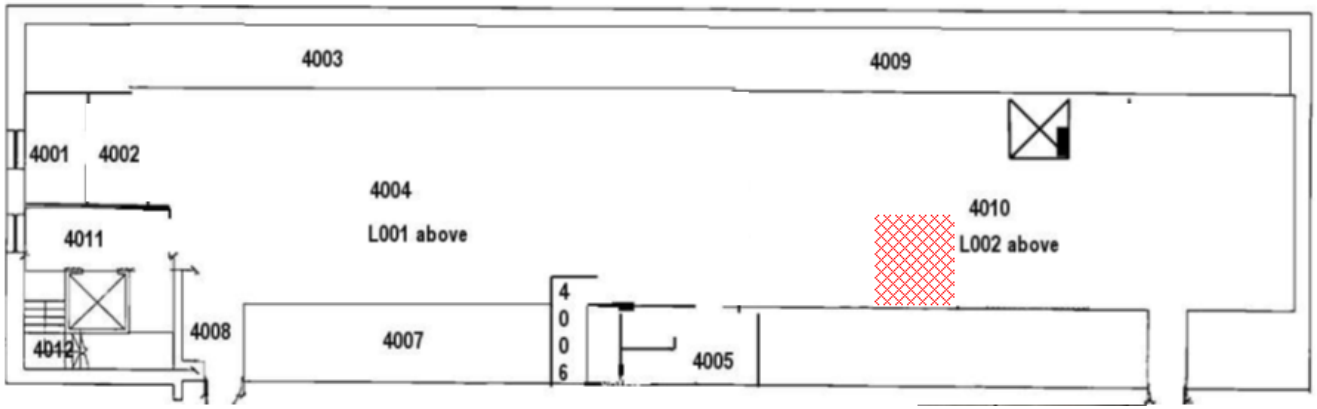
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ENCLOSURE – FOURTH FLOOR – ASBESTOS INSULATING BOARD TO KITCHEN

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M³
E	AIRLOCK SIZE		M³
F	BAGLOCK SIZE		M³
G	ENCLOSURE BOX		M³
H	TOTAL D+E+F+G=		M³
No, OF AIR CHANGES (AC)			M³

REDUCTIONS If enclosure volume = less than 120m3 Then a mandatory 1000 m3 /h of negative pressure will apply	
Length of Duct	Allow 1% Reduction per meter
No. of Bends	Allow 2% per bend
Total Reduction	

TOTAL NEGATIVE PRESSURE REQUIRED		
ENCLOSURE (H)		M³
PLUS REDUCTIONS		M³
NEGATIVE PRESSURE		M³
TOTAL NPU REQUIRED		



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ENCLOSURE – FOURTH FLOOR – ASBESTOS INSULATING BOARD AND DEBRIS TO EAVES ON LEFT HAND SIDE

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M³
E	AIRLOCK SIZE		M³
F	BAGLOCK SIZE		M³
G	ENCLOSURE BOX		M³
H	TOTAL D+E+F+G=		M³
No, OF AIR CHANGES (AC)			M³

REDUCTIONS If enclosure volume = less than 120m3 Then a mandatory 1000 m3 /h of negative pressure will apply	
Length of Duct	Allow 1% Reduction per meter
No. of Bends	Allow 2% per bend
Total Reduction	

TOTAL NEGATIVE PRESSURE REQUIRED		
ENCLOSURE (H)		M³
PLUS REDUCTIONS		M³
NEGATIVE PRESSURE		M³
TOTAL NPU REQUIRED		



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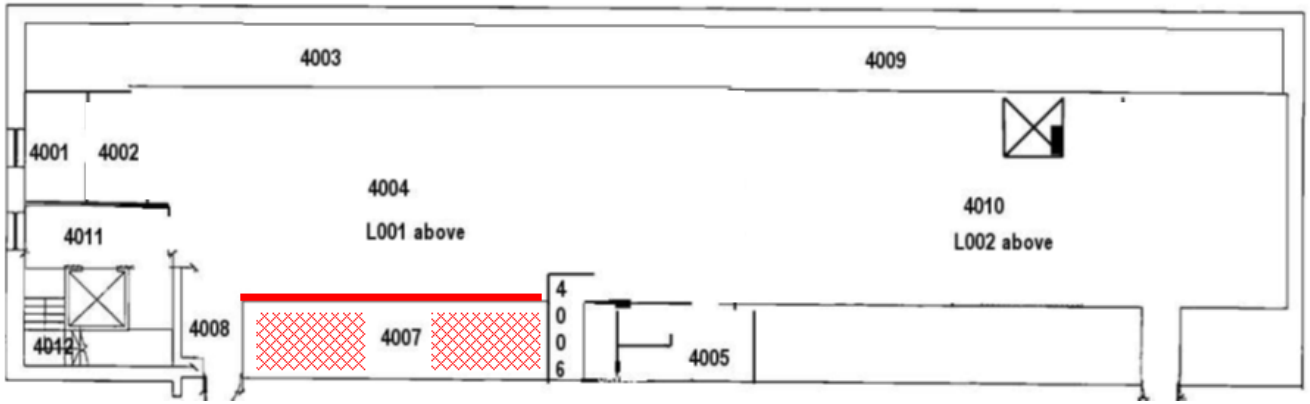
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ENCLOSURE – FOURTH FLOOR – ASBESTOS INSULATING BOARD AND DEBRIS TO EAVES ON RIGHT HAND SIDE

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M³
E	AIRLOCK SIZE		M³
F	BAGLOCK SIZE		M³
G	ENCLOSURE BOX		M³
H	TOTAL D+E+F+G=		M³
No, OF AIR CHANGES (AC)			M³

REDUCTIONS If enclosure volume = less than 120m3 Then a mandatory 1000 m3 /h of negative pressure will apply	
Length of Duct	Allow 1% Reduction per meter
No. of Bends	Allow 2% per bend
Total Reduction	

TOTAL NEGATIVE PRESSURE REQUIRED		
ENCLOSURE (H)		M³
PLUS REDUCTIONS		M³
NEGATIVE PRESSURE		M³
TOTAL NPU REQUIRED		



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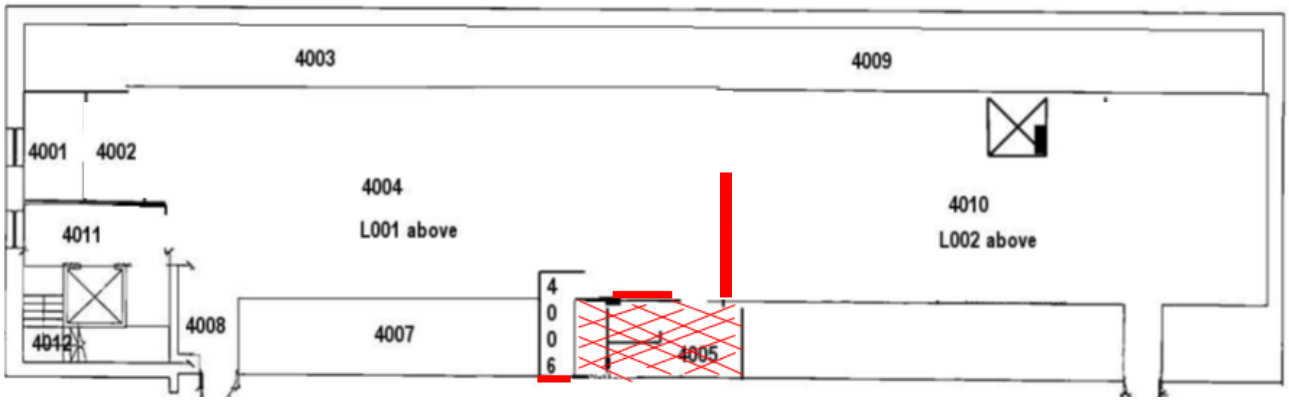
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ENCLOSURE4 – FOURTH FLOOR – ASBESTOS INSULATING BOARD WALLs

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M³
E	AIRLOCK SIZE		M³
F	BAGLOCK SIZE		M³
G	ENCLOSURE BOX		M³
H	TOTAL D+E+F+G=		M³
No, OF AIR CHANGES (AC)			M³

REDUCTIONS If enclosure volume = less than 120m3 Then a mandatory 1000 m3 /h of negative pressure will apply	
Length of Duct	Allow 1% Reduction per meter
No. of Bends	Allow 2% per bend
Total Reduction	

TOTAL NEGATIVE PRESSURE REQUIRED		
ENCLOSURE (H)		M³
PLUS REDUCTIONS		M³
NEGATIVE PRESSURE		M³
TOTAL NPU REQUIRED		



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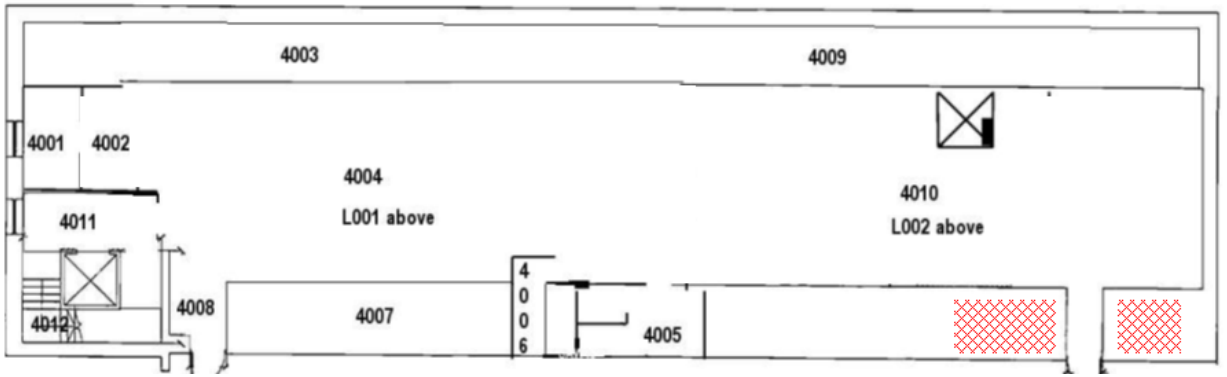
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ENCLOSURE – FOURTH FLOOR – ASBESTOS INSULATING BOARD AND DEBRIS TO EAVES TO THE REAR RIGHT HAND SIDE

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M³
E	AIRLOCK SIZE		M³
F	BAGLOCK SIZE		M³
G	ENCLOSURE BOX		M³
H	TOTAL D+E+F+G=		M³
No, OF AIR CHANGES (AC)			M³

REDUCTIONS If enclosure volume = less than 120m3 Then a mandatory 1000 m3 /h of negative pressure will apply	
Length of Duct	Allow 1% Reduction per meter
No. of Bends	Allow 2% per bend
Total Reduction	

TOTAL NEGATIVE PRESSURE REQUIRED		
ENCLOSURE (H)		M³
PLUS REDUCTIONS		M³
NEGATIVE PRESSURE		M³
TOTAL NPU REQUIRED		



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Working Method

1	Site team to arrive on site report to site manager, carryout site induction and any toolbox pals specified under site specific hazards.	
2	A walk around the site with site manager to familiarise everyone with site safety, muster points, fire drills, and understanding of where the works are to take place.	
3	DCU must be fully set up as per site diagram before any other works are commenced	HOLD POINT
4	The trained operatives shall erect the enclosure using 2x2 timber. The timber will be a cut to size using a hand saw and all timber is to be made in to frame work panels, so it is of solid structure and made to suit there will be further strengthening using corner braces cut out of timber. Using the fabric of the building (brick/breeze/block) the trained operatives shall screw the panels to the outer walls and ceiling using a battery drill and ensure it is securely fixed. Once the polytene sheeting has been stapled to the timber the polythene will be spray 'tak' & taped to the walls to ensure an air tight seal. Polythene sheeting will stapled to under the eaves floor and 4th floor, this will carried out on the floor below (3rd Floor) utilizing the scaffold that is in situ and the polythene will be stapled to the underside of the 4th floor (3rd floor Ceiling) this will help create the seal and prevent and debris going through the floor and creating any more contaminated areas.	

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5	All walkways to and from the enclosure will be sheeted out in either using 1000-gauge polythene or correx and securing it to the floor with spray 'tak' and clothed back tap. All walkways and the enclosures will be lit up via a 110v string lights and the global trained personnel will ensure all allocated bulb fixtures will have a bulb in to minimise the risk of electrocution	
6	Attach the NPU, Standard metal prefabricated 3 stage air/bag locks sheeted in a 1000-gauge polythene (SOP's pg 47) and install the vision panels to the enclosure and air/bag locks as per site sketch *****ENSURE ALL RELEVANT SIGNAGE IS WELL DISPLAYED*****	
7	Once the enclosure is ready and checked by the Supervisor the mandatory smoke test is to be undertaken the smoke will take approx. 6 minutes to clear if it takes longer an integrity check will take place to find the problem and the smoke test will be repeated. upon a satisfactory test the supervisor is to get the smoke test form filled in and signed by the witness.	HOLD POINT
8	After the smoke test has PASSED operatives can now enter the DCU to get changed into the correct RPE (powered respirators) and PPE to access the enclosure.	
9	Once the smoke test has PASSED the operative can now enter the DCU. Operatives will take RPE, PPE into the hygiene unit via the clean door, carryout RPE pre use inspection check, undress and put on clean inspected and checked RPE (powered respirator), put on red class 3 type 5 / 6 coveralls, using the mirror to carryout fit test and pass-through shower area of the decontamination unit without showering. The operatives will then pass-through Dirty End, leave DCU via Dirty End door put on transit footwear and transit via the agreed transit route to the work area and connecting entry airlocks. Enter the airlocks	

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	Within outer stage of airlock (1st) and remove outer transit coveralls and boots and either place into storage or hang up using hooks provided, do not leave on floor. Pass through the inner stage (2nd) of airlock and put on working colour coded boots (eg Black Wellington safety boots) Pass through the inner stage (3rd) of airlock and enter into the working enclosure. The contaminated timber panelling shall be removed and bagged and removed as contaminated waste due to the fact we cannot guarantee that all fibres will be removes/cleaned, this will also enable the operatives safe working access into the eaves and due to the extent of large redundant items in the eaves this is the safe way of starting the process of any removal works.
10	**AIB - Once the Operatives are in the enclosure, the operatives will start by spraying the AIB with a mixed surfactant solution and left to penetrate, the Operative will re-apply as required until fully saturated. Once the suppressant has penetrated the asbestos, the asbestos will be removed by undoing the securing fixings whilst holding the end of a running H type 'Vacuum hose in close proximity. The Operative will carefully lower/ease forward the board enough to vacuum the upper/rear surface and then spray with surfactant, the board will then be immediately placed into red asbestos sacks, sealed at the neck with cloth tape, if the section is too large it will be wrapped in 1000-gauge polythene sheeting with all joints sealed with cloth backed tape. If the fixings cannot be undone due to their age/condition the board will be prised from its fixings using a small handheld pry-bar whilst holding the end of a running type 'H' vacuum in close proximity. The operatives will gradually work around the board until released, the board lowered, the rear surface vacuumed, sprayed with surfactant and bagged/wrapped. All fixing holes left by screws/fixings will be sprayed using the mixed surfactant, enlarged using an over-sized drill bit whilst**

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	shadow vacuuming and will repeat this process until all AIB boards have been safely removed. ENVIRONMENTAL CLEAN – Once the operatives (working in pairs) are in the enclosure the operatives will start by spraying down using a mixed surfactant in a handheld spray bottle everything within each section of the eaves, AIB, Insulation, Asbestos cement debris and none-asbestos materials that are also within the area. As the eaves are only narrow & low, the operative will start at each opening, by bagging the larger pieces of debris by hand or hand shovel and using a h-type vacuum to clean the finer debris up at the opening and work his way inside. As each red bag is filled, he will pass this back to the other operative to remove for him, both pairs will continue this until all the eaves have been fully cleaned of all materials and fine debris.
11	No waste is to accumulate within the enclosure. The operative will wipe down the red asbestos bag with diluted surfactant within the inner stage and pass into the middle stage where it will be double bagged into a clear asbestos bag, sealed at the neck with cloth backed tape and wiped with diluted surfactant. The operative will pass the bag into the outer stage of the bag lock ready for collection by the outside man. The waste will be transferred to a sealed compartment within the van using the designated waste route.
12	When the operative is confident the enclosure is ready, they will vacuum all visible traces of dust and fibres from working coveralls, RPE and footwear at the edge of the enclosure prior to entering the 1st stage of the airlock. Entering the 1st stage of the airlock they will wipe down the RPE using the sponge and water provided. Wipe down boots using a sponge and foot wash, proceed through intervening tunnel, enter the DCU and remove all boots, coveralls and any underwear worn in the enclosure and place into storage or disposal bags. The operative will shower the RPE before removing it and removing spent filters, place in waste sack ready for disposal and hang RPE on hook provided. The

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	operative will shower for at least 15 minutes to ensure total decontamination.	
13	the supervisor will enter the area following the enclosure entry procedure (No 8) and carry out a thorough pre-visual inspection, in the event he isn't satisfied with the standard he will explain how to rectify and leave the enclosure (No 12). He will then repeat this method until a satisfactory pre-visual inspection has been carried out. An enclosure handover form is filled out and handed to the independent analyst	HOLD POINT
14	The independent analyst will enter the enclosure following the same entry procedure as the operatives (No 8) to carry out his/her visual inspection. Once complete the independent analyst will carry out an air test.	
15	The supervisor will now have a final walk around to ensure all plant and equipment has been removed. Once all the enclosure has been removed the analyst will carry out his/her 4th stage clearance and carry out the air test on the DCU.	
19	The supervisor will make sure prior to the analyst leaving that all site paperwork has been handed to him.	HOLD POINT

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4. RISK ASSESSMENT

All detailed risk assessments are kept in the Site File.

The Risk Ratings are calculated using the following matrix: -

SEVERITY OF HARM SCORE (SOH)						
5 = FATALITY - Obvious	5	5	10	15	20	25
4 = MAJOR - Broken bone, in-patient, disease	4	4	8	12	16	20
3 = MINOR - Laceration, first-aid	3	3	6	9	12	15
2 = NEGLIGIBLE - Scratch, bruise, etc	2	2	4	6	8	10
1 = NONE	1	1	2	3	4	5
		1	2	3	4	5
		PROBABILITY OF HARM SCORE (POH)				
		1 = IMPROBABLE - Virtually zero likelihood				
RISK RATING		2 = REMOTE - Unlikely though conceivable				
1-6	LOW	3 = POSSIBLE - Could occur sometime				
8-12	MEDIUM	4 = PROBABLE - Will occur several times				
15-25	HIGH	5 = CERTAINTY - Will happen				

Providing the stated control measures are taken, the residual risk rating will be low

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RISK ASSESSMENT

CONTRACT NO	
Gas XXX	
CLIENT	**CONTRACT ADDRESS**
	Marlsbro House Manchester
CONTRACT DETAILS	REMOVAL OF Asbestos Insulating Board and Insulation

HAZARD	PERSONS AFFECTED	RISK			CONTROL MEASURES	RESIDUAL RISK		
		15-25	8-12	1-6		15-25	8-12	1-6
SITE TRAFFIC	Global Workforce/Unauthorised access/Contractors on site		✓		Strict control over site access. Induction training. Segregation of pedestrian and site traffic is essential. All personnel on site to wear hi-visibility clothing when possible.		✓	
HAVS	Global Workforce			✓	Read, acknowledge and sign the HAVS worksheet provided.			✓
NOISE	Global Workforce		✓		Ear defenders to be worn when possible. Defects and problems with noise on site are to be communicated to the Supervisor			✓
WIELS DISEASE / PIGEON GUANO	Global Workforce/Unauthorised access/Contractors on site		✓		Observe good hygiene, wear PPE including gloves. Always wash hands before eating, only eat in designated areas on site			✓

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HAZARD	PERSONS AFFECTED	RISK			CONTROL MEASURES	RESIDUAL RISK		
		15-25	8-12	1-6		15-25	8-12	1-6
WORKING AT HEIGHT	Global workforce		✓		Scaffold is to be erected by a PASMA trained operative. Operatives to do as much work as possible from the ground Scaffold to be visually checked before use and the scaffold check sheet completed to ensure it is suitable for use. Damaged equipment shall be removed from site immediately Overreaching from the scaffold shall not be permitted			✓

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HAZARD	PERSONS AFFECTED	RISK			CONTROL MEASURES	RESIDUAL RISK		
		15-25	8-12	1-6		15-25	8-12	1-6
USE OF HAND TOOLS	Global workforce		✓		Operatives to perform a visual pre-use check on tools before use to ensure they are free from any damage and are secure (e.g. handles and hammer heads) All required PPE to be worn for the tasks being completed Only tools fit for the purpose of the job being undertaken must be used Defective tools must be taken out of operation immediately and either repaired or replaced Tools must not be left unattended when working to prevent unauthorised use or damage Operatives to avoid any task where there is risk of tools causing a spark in the vicinity of stored flammable gases or materials Dust suppression techniques to be used where required Staff to information supervisor immediately of any concerns relating to the task			✓

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Standard Procedures

ISSUE / REVISION NUMBER	9
DATE OF ISSUE	21/07/2020
ISSUED TO	Standard Operating Procedures will be found in the site file on all live sites.

Site Induction and confirmation of Understanding

To be read and signed by Site Supervisor and all Operatives after reading the Method Statement and Asbestos Assessment.

This Plan of Work / Method Statement and Asbestos Assessment (s) should be located in the site cabin / welfare facility.
The Site Supervisor is responsible for demonstrating and reviewing all methods contained within these documents as the work proceeds.
No changes to the methodology contained within these documents will be allowed without the express permission of an Contract Manager or Safety Adviser. Such changes must be recorded in departure section of this plan of work, together with any changes to the asbestos assessment.

I have read/had read to me and understood the Method Statement, Asbestos Assessment and the documents detailed within this Plan of Work.

DATE	NAME	SIGNATURE