



ASBESTOS REMOVAL PLAN OF WORK

For the
SAFE REMOVAL and DISPOSAL OF ASBESTOS

(to be read in conjunction with Global Asbestos Solutions Ltd Standard Operating Procedures Revision 6 and the Heritage Assessment by Donald Insall Associates)



Authors:	Kay Taylor / Gary Moore
Position:	SHEQ Manager / Contract Manager
Date:	29.07.21
Signatures:	

Contract No GAS192-21
Site Address
Marlsbro House, Newton
Street, Manchester, M1 1ED

Authorised:	Lee Ashworth
Position:	Director
Date:	29.07.21
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



GLOBAL

ASBESTOS SOLUTIONS



Info@globalasbestossolutions.co.uk



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



01706 254 560

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INTRODUCTION



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



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Global Asbestos Solutions Ltd, have been entrusted by Lee Ashworth Excavations Ltd 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 In the Basement, Ground Floor, First Floor, Second, Third and Fourth Floor and the loft space. The property is unoccupied and the asbestos removal works will be carried out following receipt of the necessary consents 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.

Samples were taken of various products please see Annex 1 for certificates of analysis and Annex 2 for product items and conditions.

Please see page 4 for an overview of materials to be removed on each floor.

The DCU and skip will be situated in the car park at the back of the building. There is power and warm/cold running water at various points around the building (please see drawings for power/welfare/ and routes on each floor). There is ample toilets and resting facilities throughout 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.



OVERVIEW OF ASBESTOS TO BE REMOVED

High risk material	Medium risk material	Low risk material	Very low risk material
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Ground Floor	Asbestos Insulating Board in Plant Room
	Asbestos Paper lining under pipe insulation in the Entrance Lobby and G012
	Asbestos Paper lining under pipe insulation in Lobby, G006 & G008 Offices, WC, Corridor and Fire Escape
	Asbestos Insulating Board to Radiator in G006
First Floor	Asbestos Insulating Board ceiling panels and cladding to beams to the whole ceiling
	Asbestos Insulating Board cladding panels to Lift
	Asbestos Insulating Board wall panels and residue on timber in 1006
	Asbestos Insulating Board wall panels in Meter Cupboard (1004)
	Asbestos fuse guards in Meter Cupboard (1004)
	Asbestos Insulating Board wall panels behind plasterboard in 1003
	Asbestos Insulating Board window and beam cladding to staircase
	Asbestos Fuse Guards in Meter Cupboard
Second Floor	Asbestos Insulating Board ceiling panels and cladding to beams to the whole ceiling
	Asbestos Insulating Board wall panels to stairs
Fourth Floor	Asbestos Insulating Board ceiling panels and cladding to beams to the whole ceiling
	Asbestos Insulating Board wall panels to staircase
	Asbestos Insulating Board floor, wall and ceiling panels in Kitchen
	Asbestos Insulating Board and debris in Eaves
	Asbestos debris in Room 4004 & 4006
	Asbestos Insulating Board panel over door
	Damaged Asbestos Insulating Board to Toilet
	Asbestos flue pipes in Eaves
	Asbestos Insulating Board beam cladding and infill panels
	Asbestos fuse pads in Office
	Asbestos Insulating Board to Fire Exit
Loft	Asbestos Insulating Board lining panels
	Asbestos pipe insulation sections
	Asbestos Insulating Board debris
Third Floor	Asbestos Insulating Board ceiling panels and cladding to beams to the whole ceiling
	Asbestos Insulating Board wall panels to staircase
	Asbestos flue pipe in Reception
	Asbestos Insulating Board wall panels in Reception
	Discarded Asbestos Insulating Board panel in 3011



1. DETAILS OF CONTRACT

Client Details

Client Name & Address		Address (if different)	
Lee Ashworth Excavations Ltd		Far Pastures Farm, Burnley Road East, Water, BB4 9NH	
Telephone Number	Contact	Email Address	
01706 231266	Lee Ashworth	lee@leeashworthltd.co.uk	

CDM Appointed Roles

CDM Client		CDM Principal Designer		CDM Principal Contractor	
Boohoo 49 - 51 Dale Street, Manchester, M1 2HF		Boohoo 49 - 51 Dale Street, Manchester, M1 2HF		Far Pastures Farm, Burnley Road East, Water, BB4 9NH	
Contact:	Joe Campbell	Contact:	Lee Stalley	Contact:	Lee Ashworth
Tel No:	07833875051	Tel No:	07497572475	Tel No:	07971266234
Email:	Joe.Campbell@boohoo.com	Email:	Lee.Stalley@boohoo.com	Email:	lee@leeashworthltd.co.uk

Waste

Bradley Park Landfill Site, Lower Quarry Road, Huddersfield HD2 1FN		Waste Carrier	Global
		Waste storage on site	40 Yard Skip
Contact:	Lois Van-Eda	Anticipated waste amount	3x Skips
Tel No:	01484534976	Comments:	
Email:	weighbridge@bradleyparkwm.com		

Enforcing Authority

MANCHESTER CITY COUNCIL PO Box 532 Town Hall Manchester M60 2LA.	
Telephone Number	Email Address
0161 234 5000	contact@manchester.gov.uk



Site Personnel

Contract Manager			
Name	Gary Moore	Telephone Number:	07748 786635
Site Supervisor – NOMINATED FIRST AIDER			
Name	Mick Hudson	Telephone Number:	07948424223
Site Operatives – FIRST AID TRAINED			
1	Ashley Watson		
2	Alan Manley		
3	Aiden Royal		
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:	Following receipt of the necessary consents		
Duration of Work:	82 Days		
ENCLOSURE FIRST FLOOR LANDING 3 Days			
Date Site Set UP will Commence:	TBC	Shift Start (Mon-Fri)	Shift End (Mon-Fri)
Date Removal Work Will Commence:	TBC	08:00	18:00
Date 4 stage clearance:	TBC	Shift Start (Sat-Sun)	Shift End (Sat-Sun)
Time of 4 Stage Clearance:	AM	N/A	N/A
ENCLOSURE – SECOND FLOOR LANDING 3 Days			
Date Site Set UP will Commence:	TBC	Shift Start (Mon-Fri)	Shift End (Mon-Fri)
Date Removal Work Will Commence:	TBC	08:00	18:00
Date 4 stage clearance:	TBC	Shift Start (Sat-Sun)	Shift End (Sat-Sun)
Time of 4 Stage Clearance:	AM	N/A	N/A
ENCLOSURE – FOURTH FLOOR LANDING 3 Days			
Date Site Set UP will Commence:	TBC	Shift Start (Mon-Fri)	Shift End (Mon-Fri)
Date Removal Work Will Commence:	TBC	08:00	18:00
Date 4 stage clearance:	TBC	Shift Start (Sat-Sun)	Shift End (Sat-Sun)
Time of 4 Stage Clearance:	AM	N/A	N/A
ENCLOSURE - FIRST FLOOR LANDING 3 Days			
Date Site Set UP will Commence:	TBC	Shift Start (Mon-Fri)	Shift End (Mon-Fri)
Date Removal Work Will Commence:	TBC	08:00	18:00
Date 4 stage clearance:	TBC	Shift Start (Sat-Sun)	Shift End (Sat-Sun)
Time of 4 Stage Clearance:	AM	N/A	N/A



ENCLOSURE – BASEMENT 18 Days

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

ENCLOSURE – THIRD FLOOR 15 Days

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

ENCLOSURE – SECOND FLOOR (Asbestos Insulating Board Ceiling Panels and Boxing) 15 Days

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

ENCLOSURE – GROUND FLOOR (pipe insulation in Corridor) 4 Days

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

ENCLOSURE – GROUND FLOOR (pipe insulation in 008) 2 Days

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

ENCLOSURE - GROUND FLOOR (pipe insulation in 008 & Asbestos Insulating Board in 006) 3 Days

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



ENCLOSURE – GROUND FLOOR (Asbestos Insulating Board above radiator panels) 2 Days

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

ENCLOSURE – FIRST FLOOR (Asbestos Insulating Board walls to rooms 1003,1005 & 1004) 5 Days

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



ENCLOSURE – FIRST FLOOR (Asbestos Insulating Board Ceiling Panels and Boxing) 15 Days

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

ENCLOSURE – FOURTH FLOOR (Asbestos Insulating Board to Kitchen) 4 Days

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

ENCLOSURE - FOURTH FLOOR (Asbestos Insulating Board and debris to eaves on left hand side) 5 Days

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

ENCLOSURE - FOURTH FLOOR (Asbestos Insulating Board and debris to eaves on right hand side) 5 Days

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

ENCLOSURE - FOURTH FLOOR (Asbestos Insulating Board, boxing and debris to 4004, 4005 & 4006) 4 Days

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

ENCLOSURE - FOURTH FLOOR (Asbestos Insulating Board and debris to eaves to the rear right hand side) 3 Days

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

ENCLOSURE – LOFT (Thermal Insulation, Asbestos Insulating Board and debris to loft) 6 Days

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



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

Company Name & Address		
APEC Environmental, 9 Telford Court, Dunkirk Lea, Chester Gate, CHESTER, CH1 6LT		
Telephone Number	Contact	Email Address
01244 851753	Peter Keeling	peter@apecuk.com
Analytical Company Contracted To: -		UKAS Accreditation Number
		2136
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	Please see ANNEX 1	11 TH January 2021
ACM to be Removed	Condition	Quantity
Please see ANNEX 1 and ANNEX 2		



Site Specific Hazards

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

- COVID-19
- Working on a live construction site
- Transit routes (stairs)
- Slips, trips & falls
- Biological (Bird Guano / sharps)
- Electrical
- Global Asbestos Solutions
- Working at height
- Working on fragile roofs and Structures
- Protection of Heritage

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 and 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;

- Historic fabric to be protected from the works
- Working on fragile roofs and Structures
- Emergency Evacuation for each floor
- Electrical
- Biological (Bird Guano / sharps)
- Working from a Scaffold

4th Floor Eaves

Slats will be removed where access and adequate ventilation is required – the amount will be limited but sufficient for safe working conditions. These are to be removed carefully and stored safely on site.





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 COMPANY / 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

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	Various (see drawing)
Power Supply	Client	Various (see drawing)
WC	Client	Various (see drawing)
Resting Facilities	Client	Various (see drawing)



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



Accident and Emergency Hospital (A & E Dept)

ACCIDENT AND EMERGENCY HOSPITAL (A & E Dept)

MANCHESTER ROYAL INFIRMARY

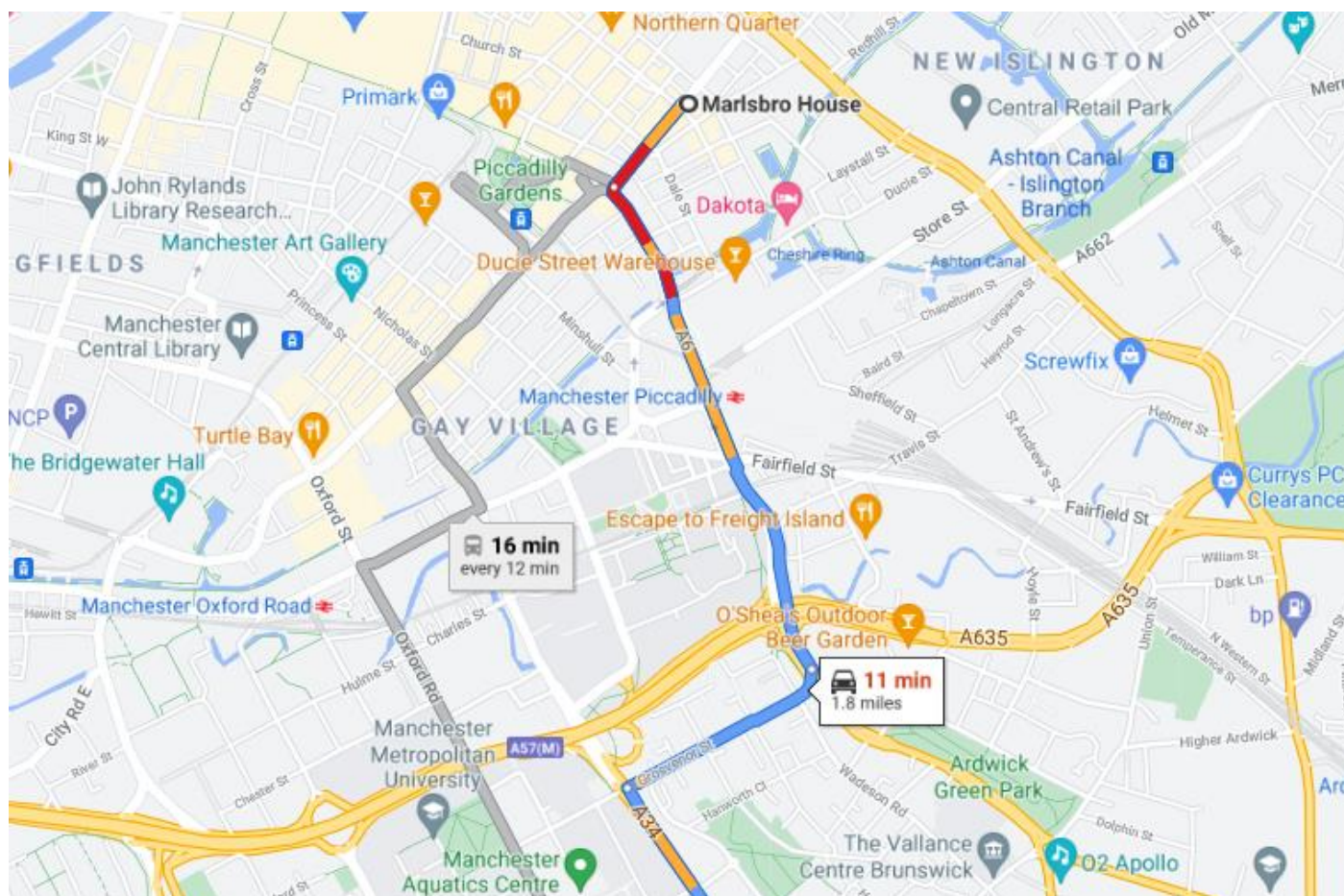
Tel: 0161 276 1234

Oxford Road

Manchester

Greater Manchester

M13 9WL



NOMINATED FIRST AIDER ON SITE WILL BE:

MICK HUDSON - 07825 410355

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



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	1	Number of Vacuums to be used	ENCLOSURE 1	2
	ENCLOSURE 2	1		ENCLOSURE 2	2
	ENCLOSURE 3	1		ENCLOSURE 3	2
	ENCLOSURE 4	4		ENCLOSURE 4	3
	ENCLOSURE 5	2		ENCLOSURE 5	2
	ENCLOSURE 6	1		ENCLOSURE 6	2
	ENCLOSURE 7	1		ENCLOSURE 7	2
	ENCLOSURE 8	1		ENCLOSURE 8	2
	ENCLOSURE 9	2		ENCLOSURE 9	2
	ENCLOSURE 10	4		ENCLOSURE 10	3
	ENCLOSURE 11	1		ENCLOSURE 11	2
	ENCLOSURE 12	1		ENCLOSURE 12	2
	ENCLOSURE 13	1		ENCLOSURE 13	2
	ENCLOSURE 14	1		ENCLOSURE 14	2
	ENCLOSURE 15	1		ENCLOSURE 15	2
	ENCLOSURE 16	4		ENCLOSURE 16	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.		



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. ⌘ Thoroughly vacuumed using a type 'H' vacuum ⌘ Wiped with anti-static wipes to remove all visible dust ⌘ 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	N/A	Pre-use check sheet to be completed
Hop Up	YES	Pre-use check sheet to be completed
Scaffold (pasma)	YES	Pre-use check sheet to be completed
Mobile Access	N/A	Pre-use check sheet to be completed



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	
	ENCLOSURE 2	
	ENCLOSURE 3	
	ENCLOSURE 4	
	ENCLOSURE 5	
	ENCLOSURE 6	
	ENCLOSURE 7	
	ENCLOSURE 8	
	ENCLOSURE 9	
	ENCLOSURE 10	
	ENCLOSURE 11	
	ENCLOSURE 12	
	ENCLOSURE 13	
	ENCLOSURE 14	
	ENCLOSURE 15	
	ENCLOSURE 16	
Will the transit route be covered?	YES	



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 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



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 Harness	
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 10 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 MANAGER		ANALYST		CONTRACTS MANAGER				



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	✓ (Enclosures 4 & 12)	ENLARGEMENT OF FIXING HOLES	
CLEANING OF SURFACES		FINE CLEANING OF ENCLOSURE	
ENCLOSURE DECONSTRUCTION		WASTE REMOVAL	
4 STAGE CLEARANCE and ISSUING 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		✓			

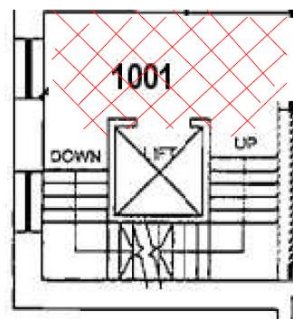
NOTES All electric used within the enclosure are to be 110v

Isolation of Services

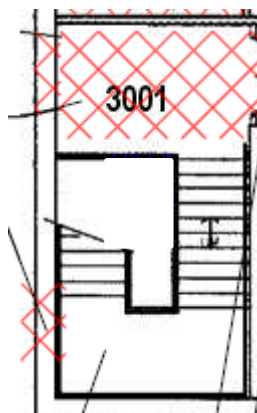
Service	Do the services require isolation prior to works commencing	Isolation to be carried out by
Gas	✓	Client
Electricity	✓	Client
Water	✓	Client
Steam	✓	Client
Computer	✓	Client
Fire Alarm	✓	Client
Fibre Optic Cables	✓	Client

3. Overview of Works

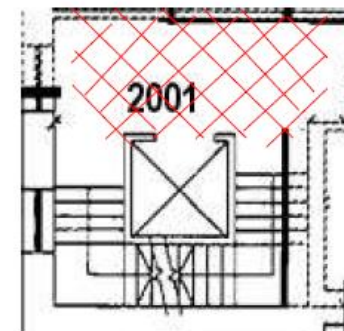
FIRST FLOOR LANDING – Asbestos Insulating Board Ceiling



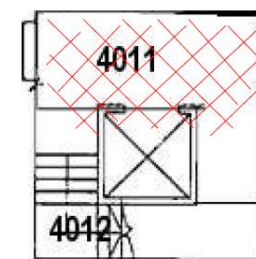
THIRD FLOOR LANDING – Asbestos Insulating Board Ceiling



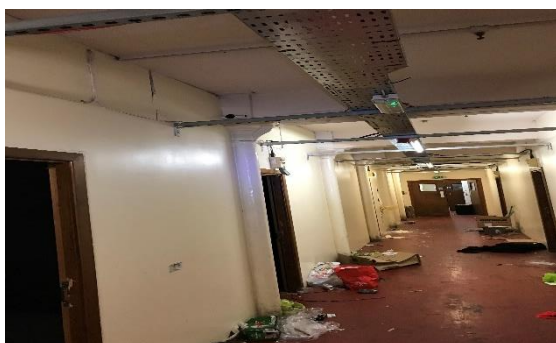
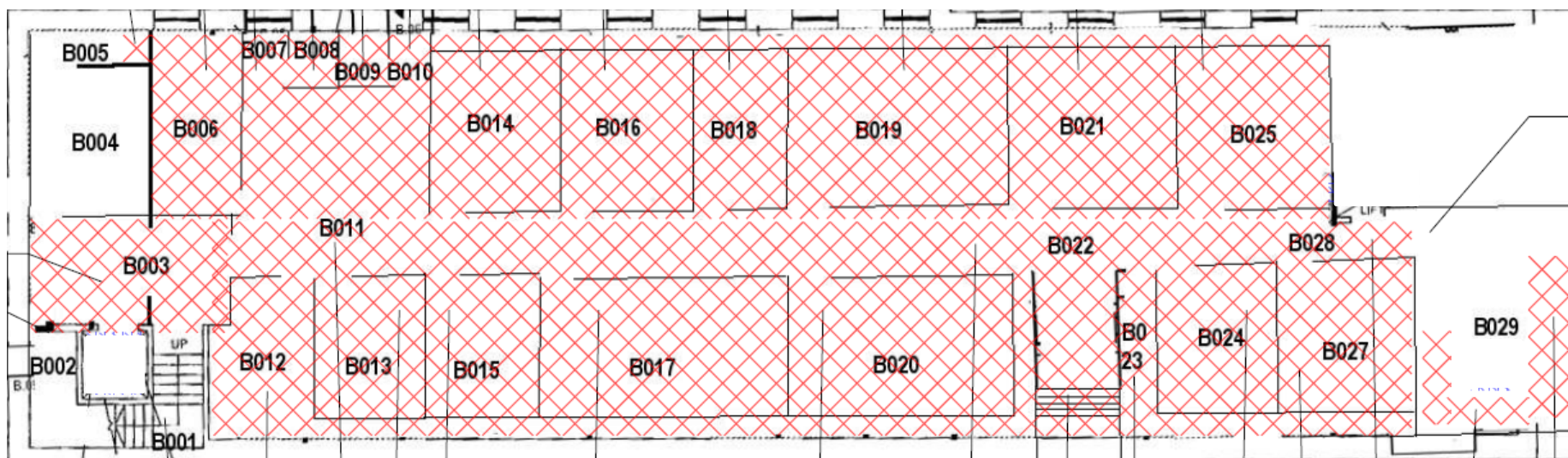
SECOND FLOOR LANDING – Asbestos Insulating Board Ceiling



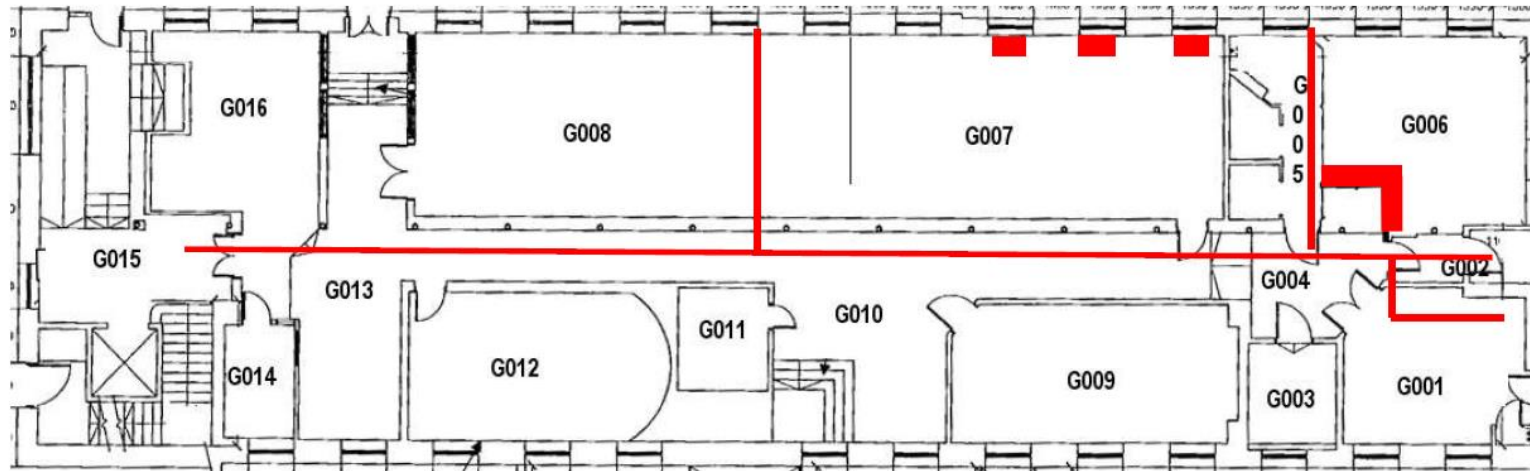
FOURTH FLOOR LANDING – Asbestos Insulating Board Ceiling



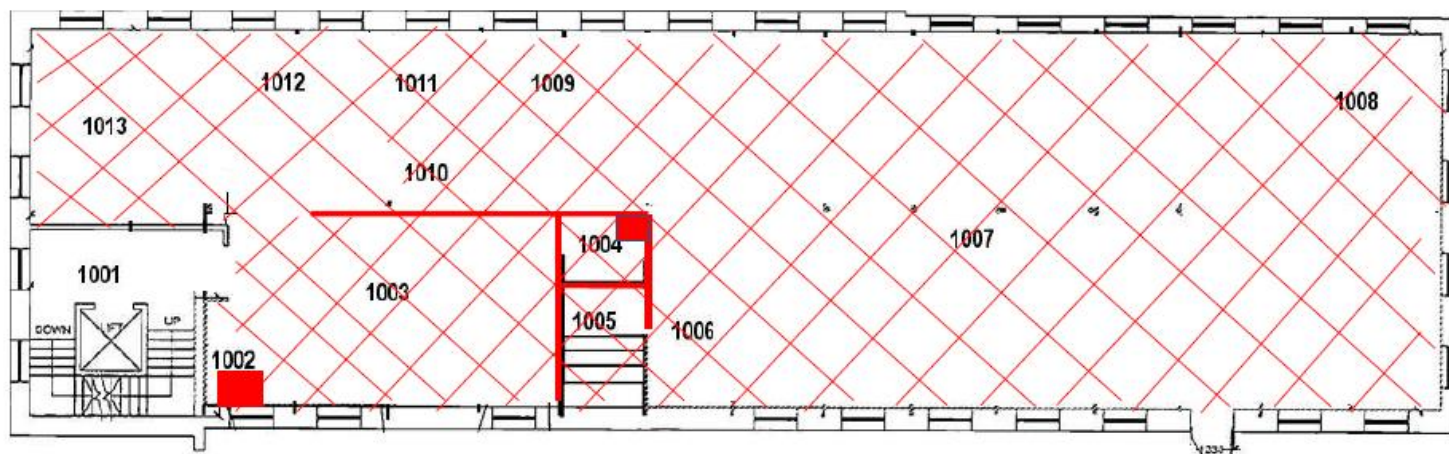
BASEMENT–Asbestos Insulating Board to Ceiling and Boxing



GROUND FLOOR–Asbestos Insulating Board to Ceiling, Boxing and Walls

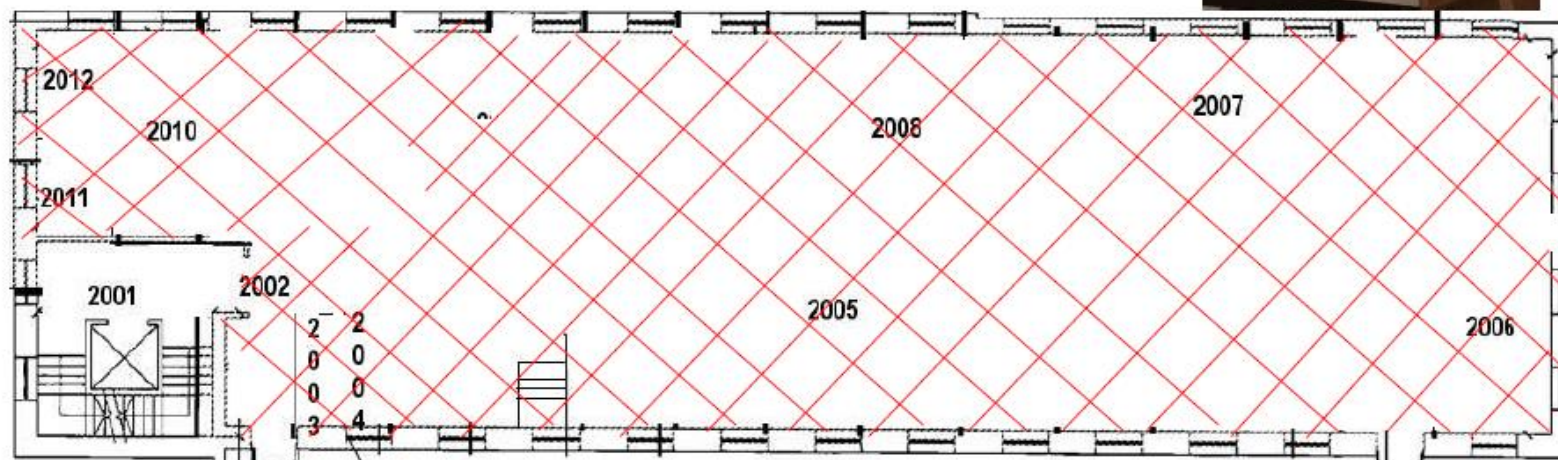


FIRST FLOOR—Asbestos Insulating Board to Ceiling, Boxing and Walls



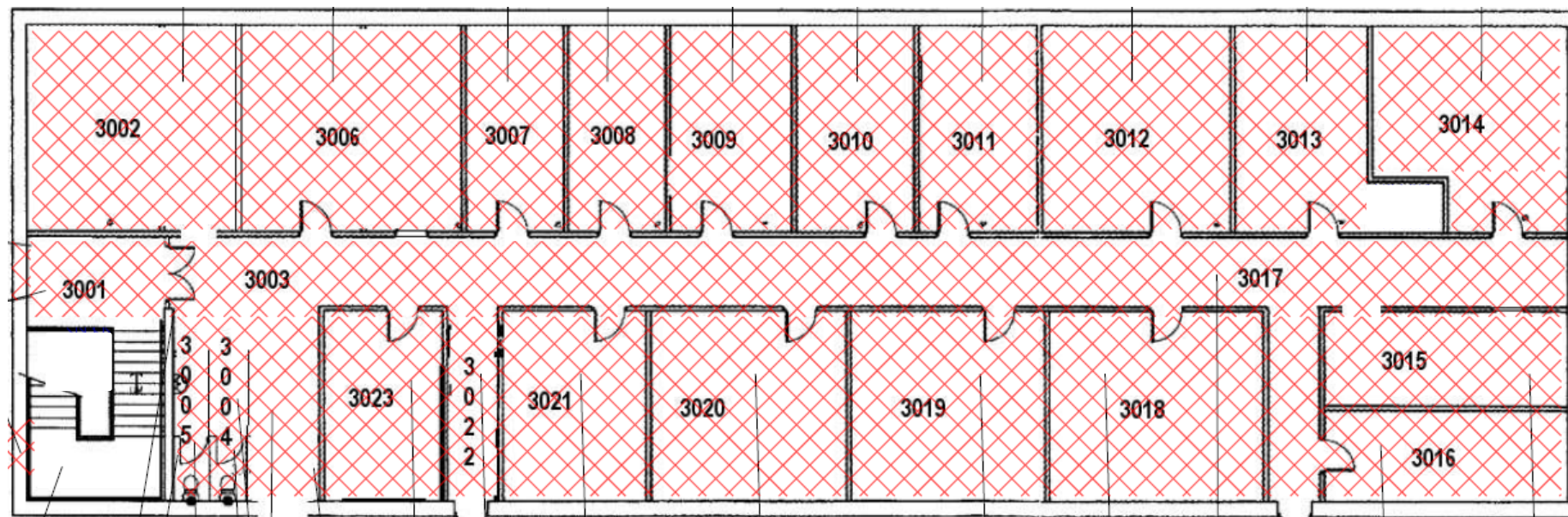


SECOND FLOOR—Asbestos Insulating Board to Ceiling and Boxing

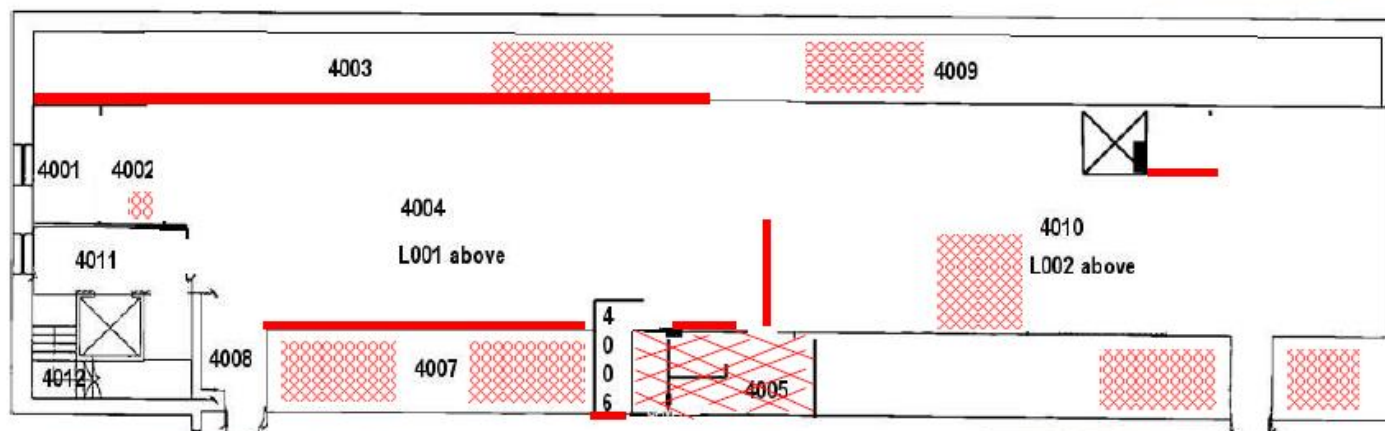




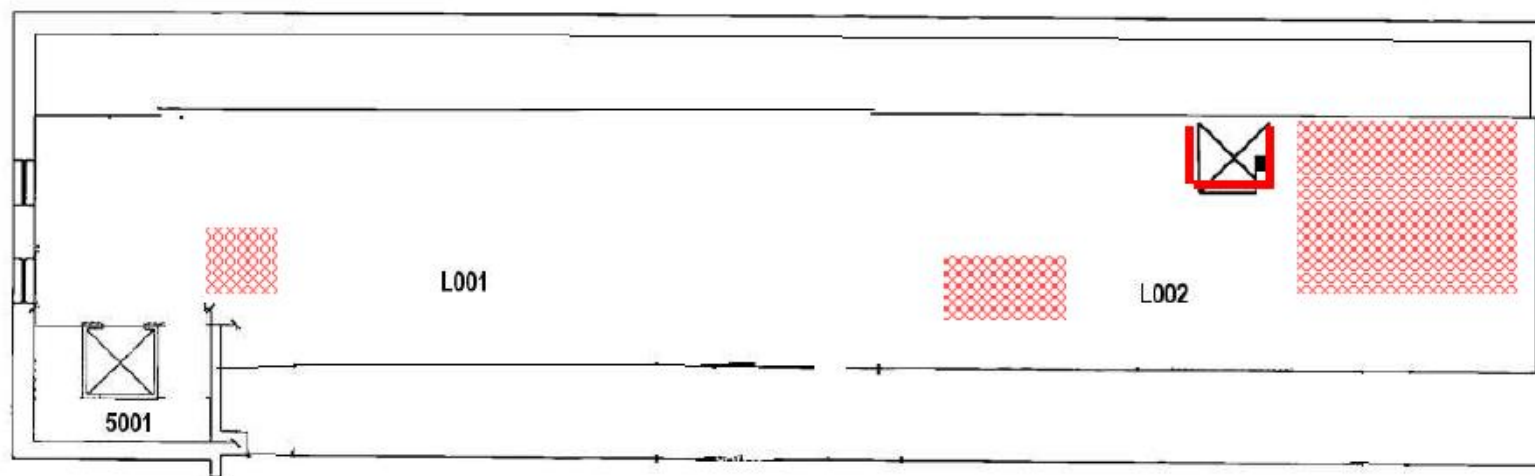
THIRD FLOOR –Asbestos Insulating Board to Ceiling and Boxing



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



LOFT –Asbestos Insulating Board to Walls, Thermal Insulation and Debris



Site Drawings and Photographs



SKIP to be situated here

DCU to be situated here

Overview



Carparking /
Muster Point

Skips

Entrance

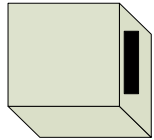
DCU

Site

Site traffic



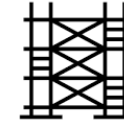
DRAWING KEY



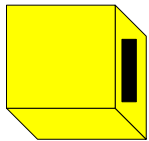
**AIRLOCK /
VIEWING PANEL**



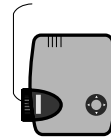
LADDER



SCAFFOLD



**BAGLOCK /
VIEWING PANEL**



H-TYPE VAC



**ASBESTOS
(ANY SHAPE)**



ENCLOSURE



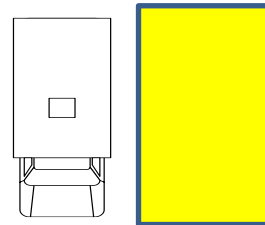
**DECONTAMINATION
UNIT**



WASTE ROUTE



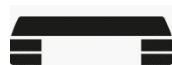
NPU



WASTE VAN / SKIP



TRANSIT ROUTE



HOP UP



CCTV



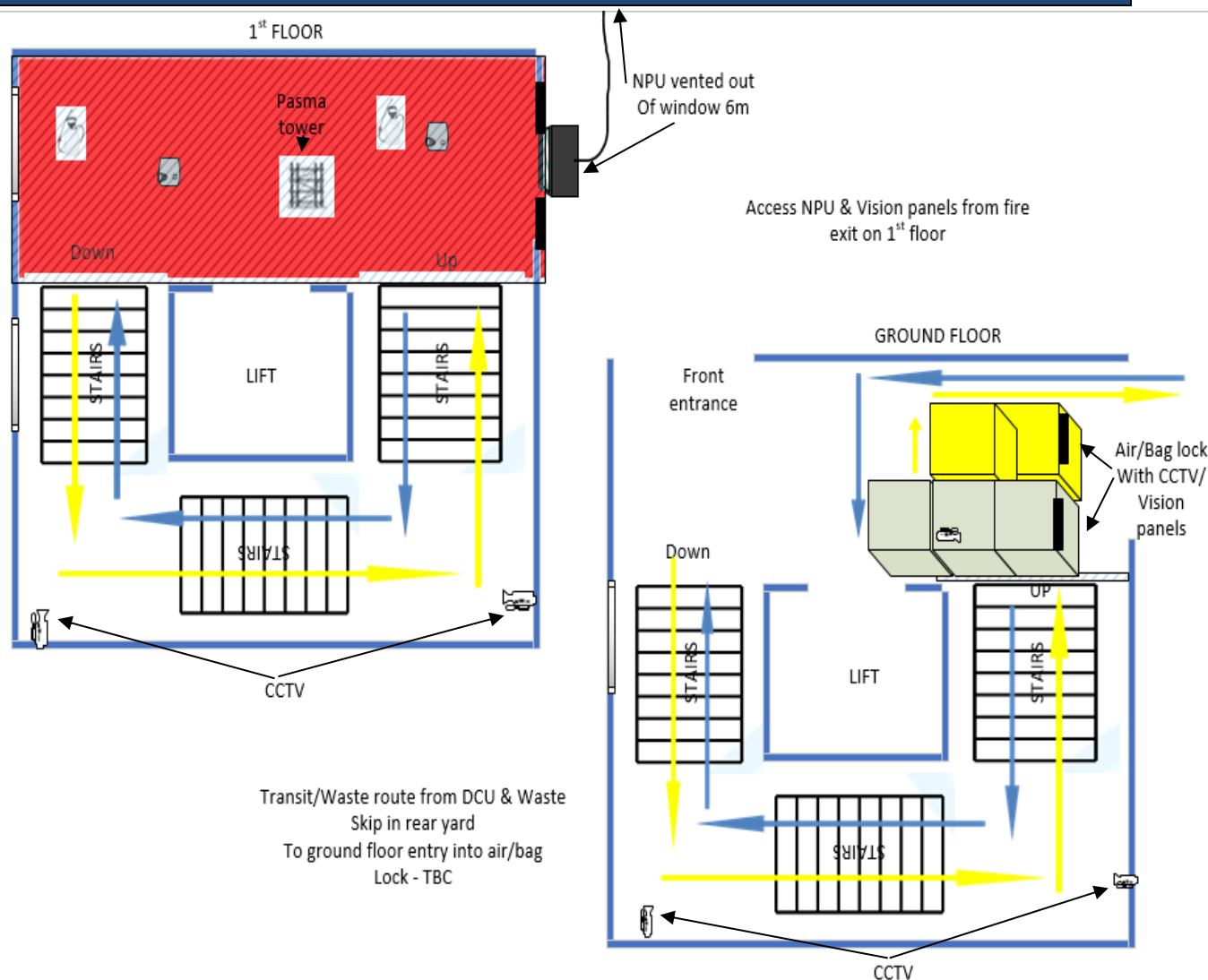
MUSTER POINT



SUPPRENT

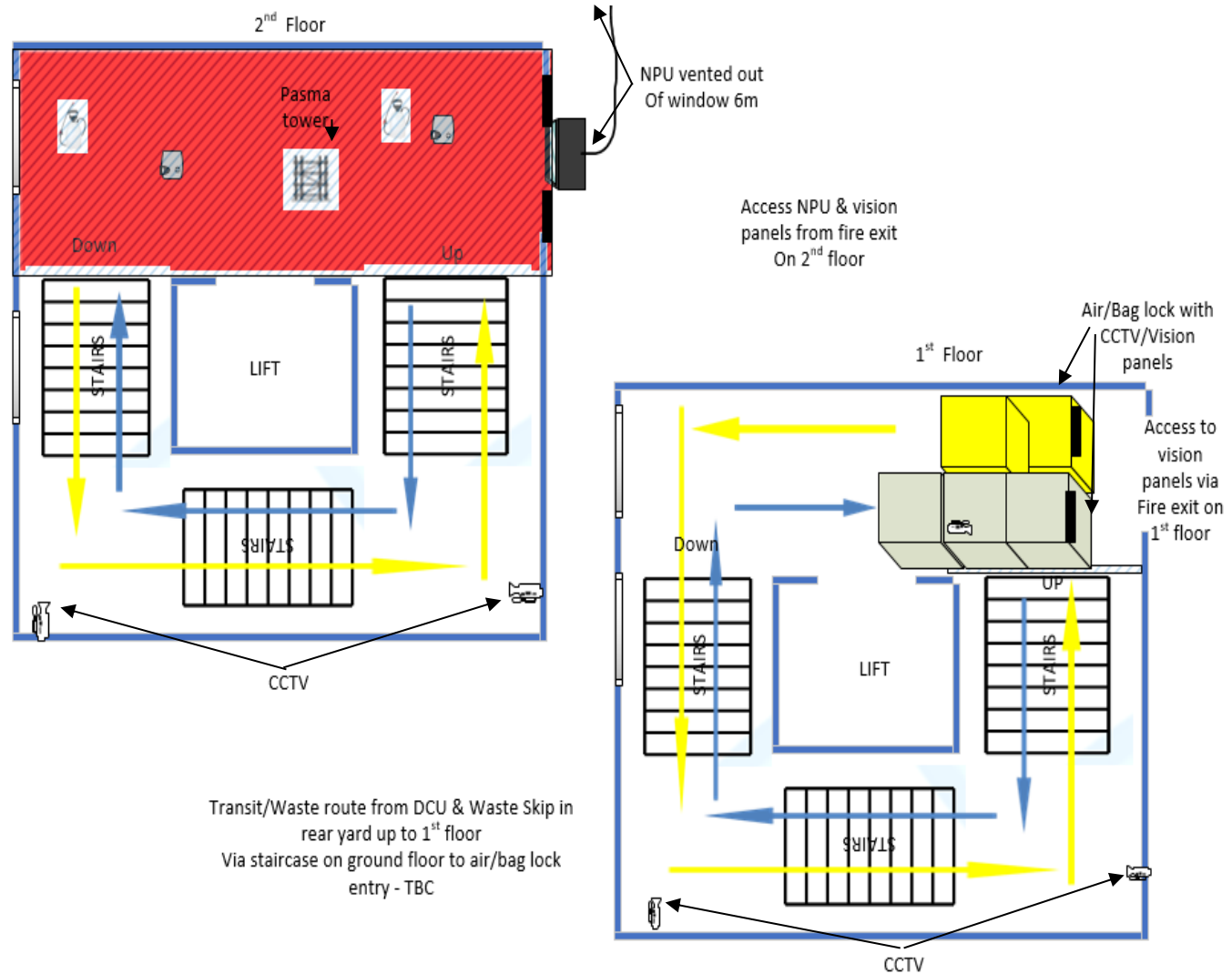
ENCLOSURE 1 – FIRST FLOOR LANDING

A	HEIGHT (Metres)	
B	WIDTH (Metres)	
C	LENGTH (Metres)	
D	TOTAL AxBxC=	M ³
E	AIRLOCK SIZE	M ³
F	BAGLOCK SIZE	M ³
G	ENCLOSURE BOX	M ³
H	TOTAL D+E+F+G=	M ³
No. OF AIR CHANGES (AC)		10
REDUCTIONS If enclosure volume = less than 120m ³ Then a mandatory 1000 m ³ /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)		M ³
PLUS REDUCTIONS		M ³
NEGATIVE PRESSURE		M ³
TOTAL NPU REQUIRED		



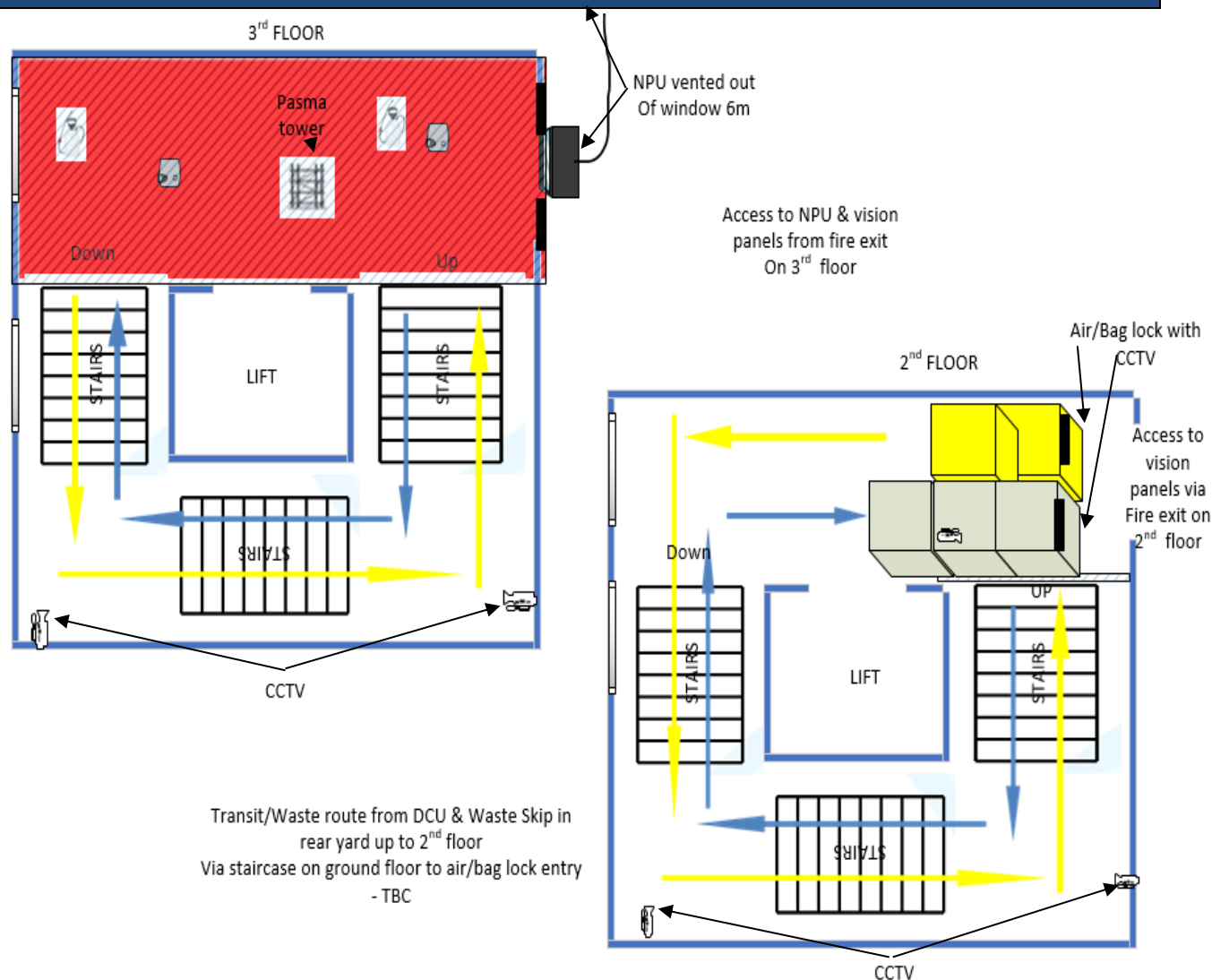
ENCLOSURE 2 – SECOND FLOOR LANDING

A	HEIGHT (Metres)	
B	WIDTH (Metres)	
C	LENGTH (Metres)	
D	TOTAL AxBxC=	M ³
E	AIRLOCK SIZE	M ³
F	BAGLOCK SIZE	M ³
G	ENCLOSURE BOX	M ³
H	TOTAL D+E+F+G=	M ³
No, OF AIR CHANGES (AC)		M ³
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)		M ³
PLUS REDUCTIONS		M ³
NEGATIVE PRESSURE		M ³
TOTAL NPU REQUIRED		



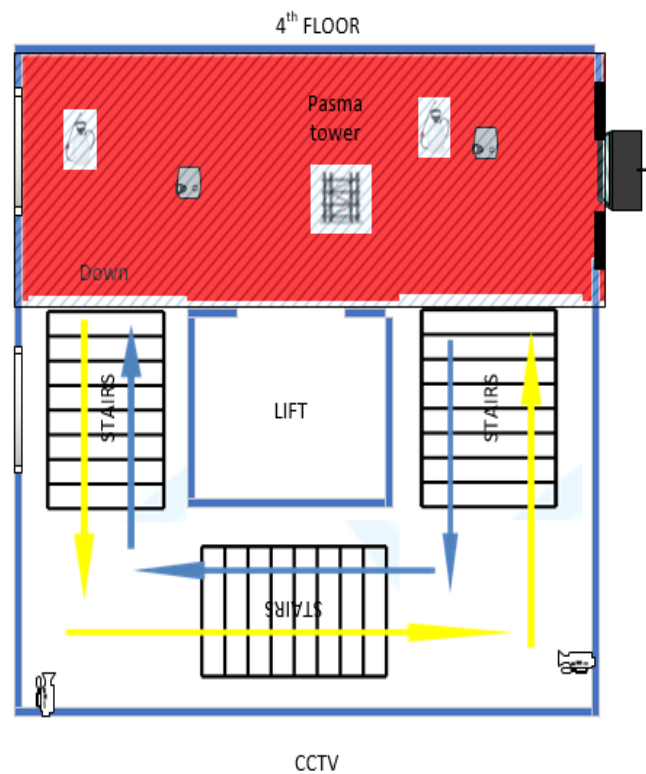
ENCLOSURE 3 – THIRD FLOOR LANDING

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M ³
E	AIRLOCK SIZE		M ³
F	BAGLOCK SIZE		M ³
G	ENCLOSURE BOX		M ³
H	TOTAL D+E+F+G=		M ³
No, OF AIR CHANGES (AC)			M ³
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)			M ³
PLUS REDUCTIONS			M ³
NEGATIVE PRESSURE			M ³
TOTAL NPU REQUIRED			

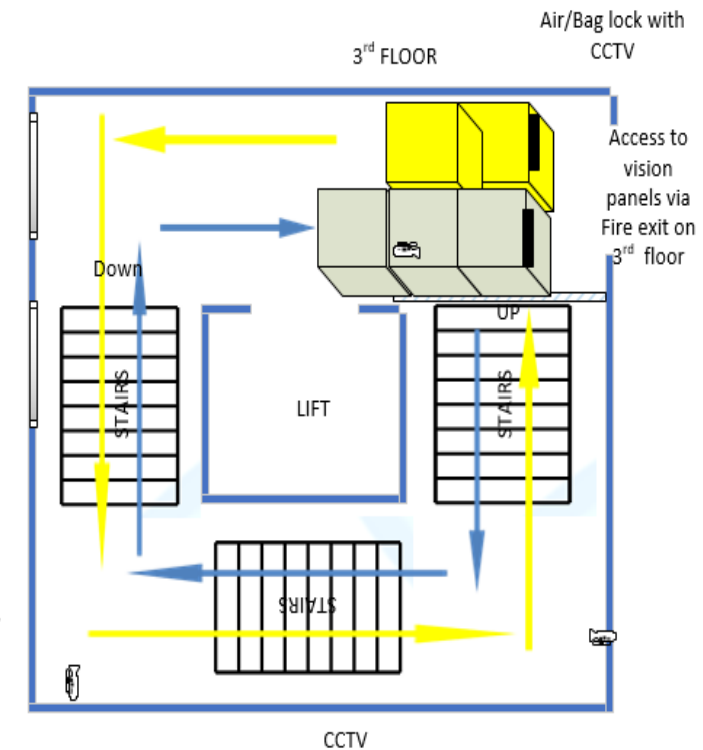


ENCLOSURE 4 – FOURTH FLOOR LANDING

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M ³
E	AIRLOCK SIZE		M ³
F	BAGLOCK SIZE		M ³
G	ENCLOSURE BOX		M ³
H	TOTAL D+E+F+G=		M ³
No, OF AIR CHANGES (AC)			M ³
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)			M ³
PLUS REDUCTIONS			M ³
NEGATIVE PRESSURE			M ³
TOTAL NPU REQUIRED			

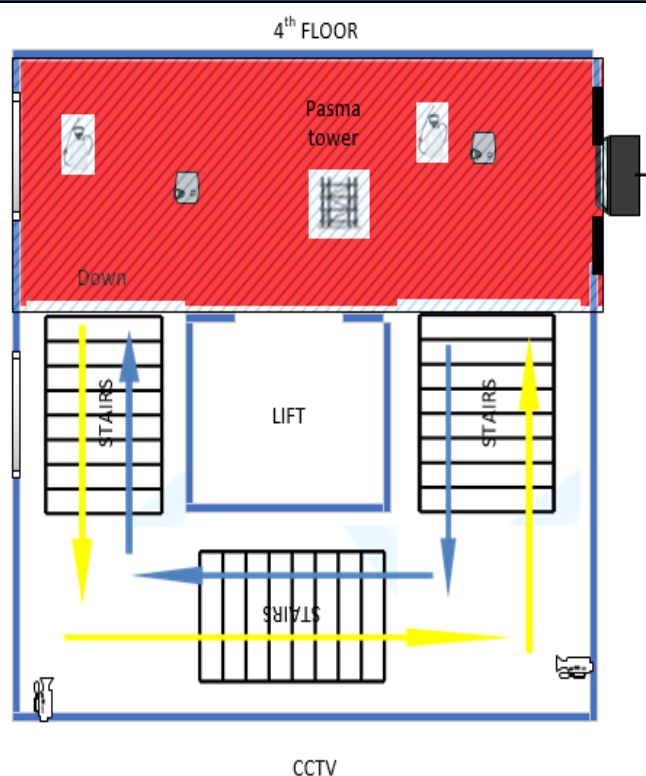


Transit/Waste route from DCU & Waste Skip in rear yard up to 3rd floor
Via staircase on ground floor to air/bag lock entry
- TBC



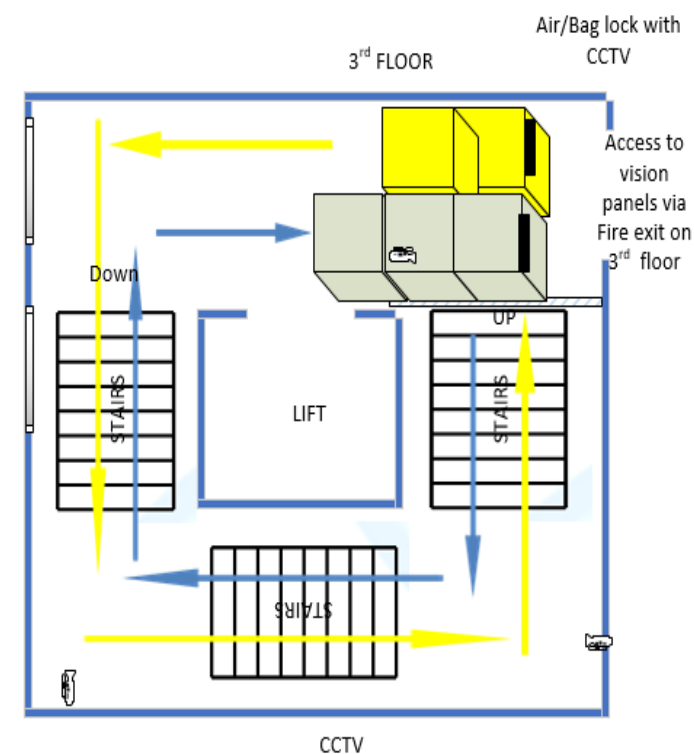
ENCLOSURE – FOURTH FLOOR LANDING

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M ³
E	AIRLOCK SIZE		M ³
F	BAGLOCK SIZE		M ³
G	ENCLOSURE BOX		M ³
H	TOTAL D+E+F+G=		M ³
No, OF AIR CHANGES (AC)			M ³
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)			M ³
PLUS REDUCTIONS			M ³
NEGATIVE PRESSURE			M ³
TOTAL NPU REQUIRED			



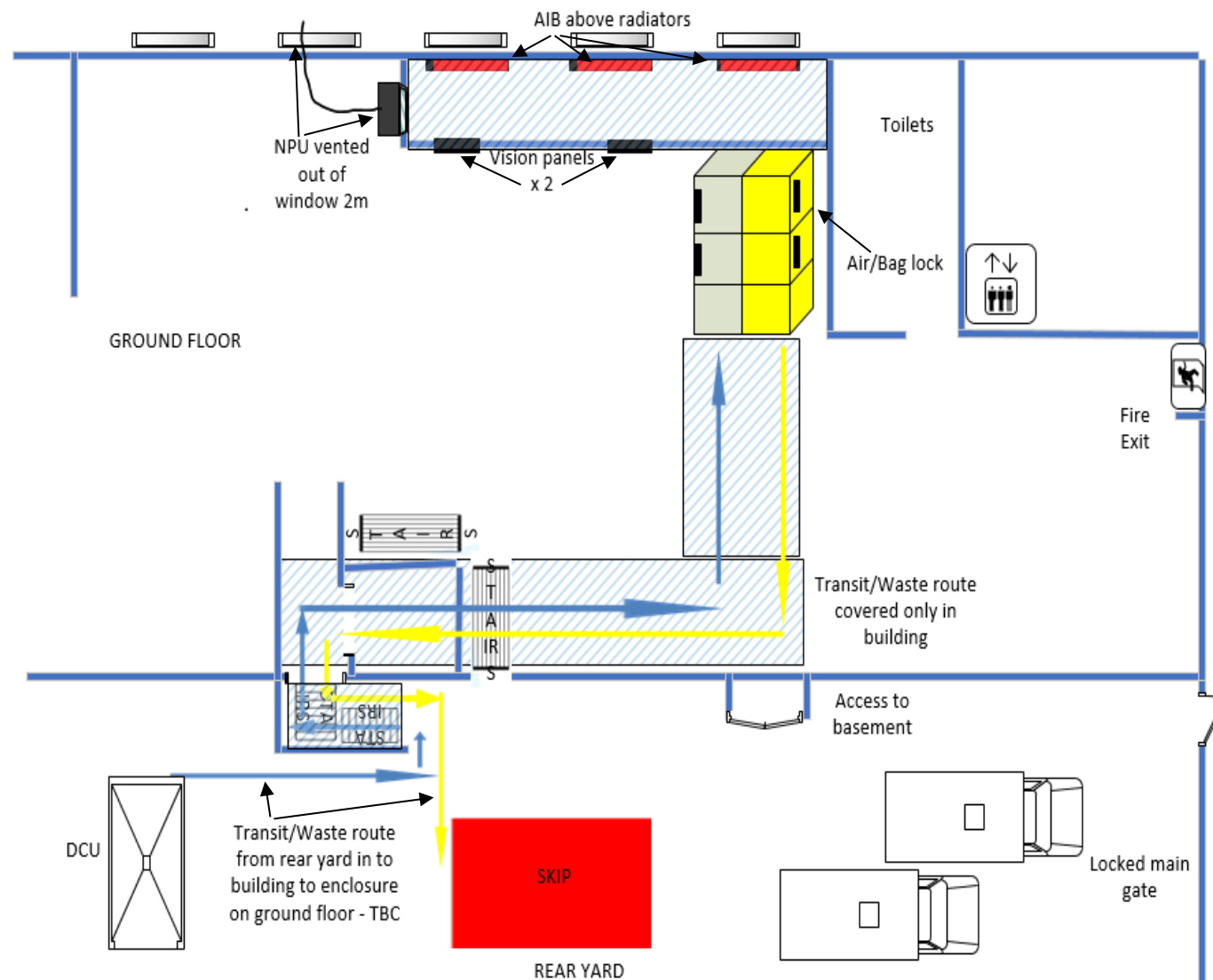
NPU vented out
Of window 6m

Access to NPU & vision
panels from fire exit
On 4th floor



ENCLOSURE 5 – GROUND FLOOR – Asbestos insulating board ABOVE RADIATORS ON GROUND FLOOR

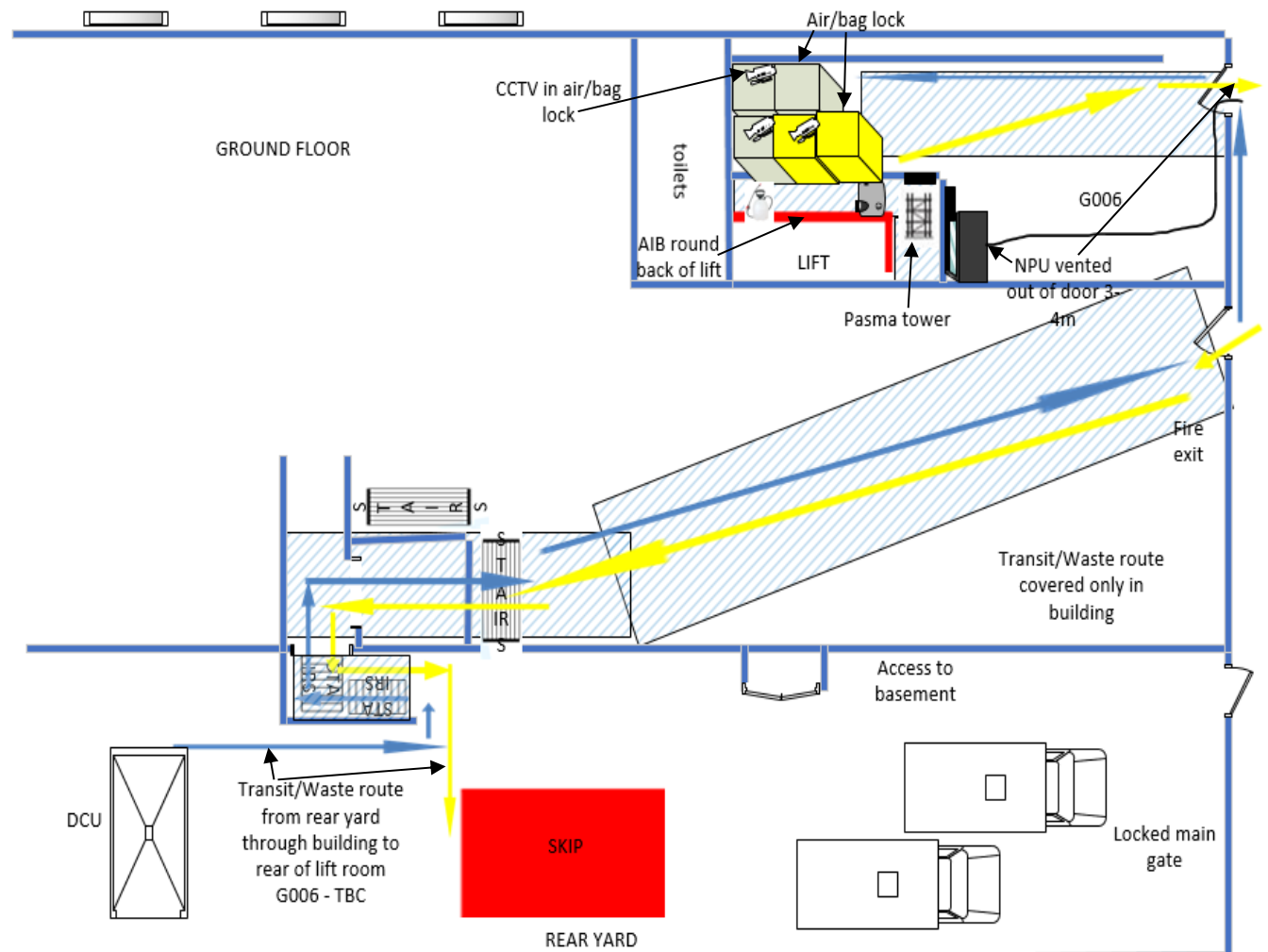
A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M ³
E	AIRLOCK SIZE		M ³
F	BAGLOCK SIZE		M ³
G	ENCLOSURE BOX		M ³
H	TOTAL D+E+F+G=		M ³
No, OF AIR CHANGES (AC)			M ³
REDUCTIONS If enclosure volume = less than 120m3 Then a mandatory 1000 m3 /h of negative pressure will apply			
Length of Duct		Allow 1% Reduction per meter	
No. of Bends		Allow 2% per bend	
Total Reduction			
TOTAL NEGATIVE PRESSURE REQUIRED			
ENCLOSURE (H)			M ³
PLUS REDUCTIONS			M ³
NEGATIVE PRESSURE			M ³
TOTAL NPU REQUIRED			



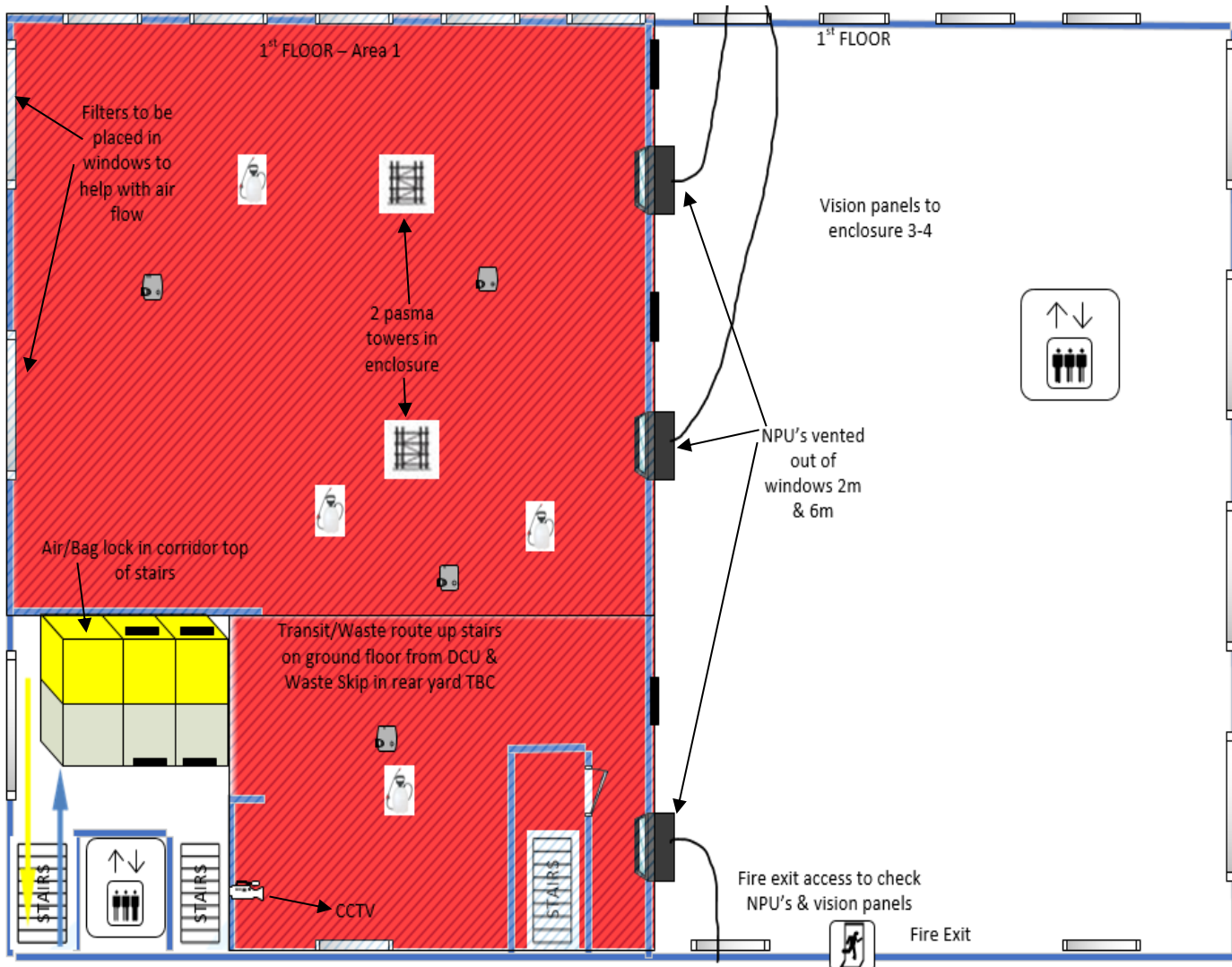


ENCLOSURE 6 – GROUND FLOOR – ASBESTOS INSULATING BOARD IN G006

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M ³
E	AIRLOCK SIZE		M ³
F	BAGLOCK SIZE		M ³
G	ENCLOSURE BOX		M ³
H	TOTAL D+E+F+G=		M ³
No, OF AIR CHANGES (AC)			M ³
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)			M ³
PLUS REDUCTIONS			M ³
NEGATIVE PRESSURE			M ³
TOTAL NPU REQUIRED			

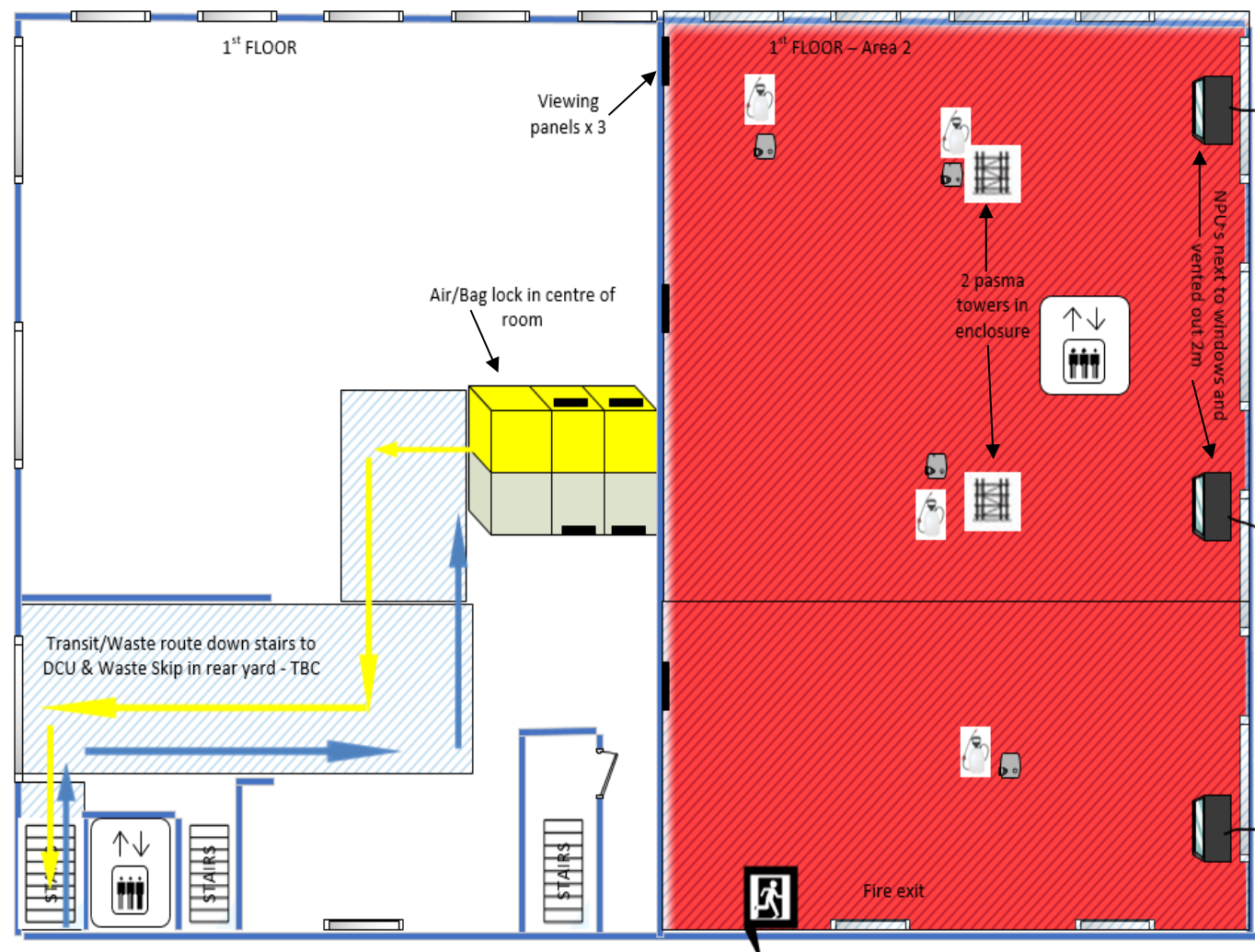


A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M ³
E	AIRLOCK SIZE		M ³
F	BAGLOCK SIZE		M ³
G	ENCLOSURE BOX		M ³
H	TOTAL D+E+F+G=		M ³
No, OF AIR CHANGES (AC)			M ³
REDUCTIONS If enclosure volume = less than 120m3 Then a mandatory 1000 m3 /h of negative pressure will apply			
Length of Duct		Allow 1% Reduction per meter	
No. of Bends		Allow 2% per bend	
Total Reduction			
TOTAL NEGATIVE PRESSURE REQUIRED			
ENCLOSURE (H)			M ³
PLUS REDUCTIONS			M ³
NEGATIVE PRESSURE			M ³
TOTAL NPU REQUIRED			



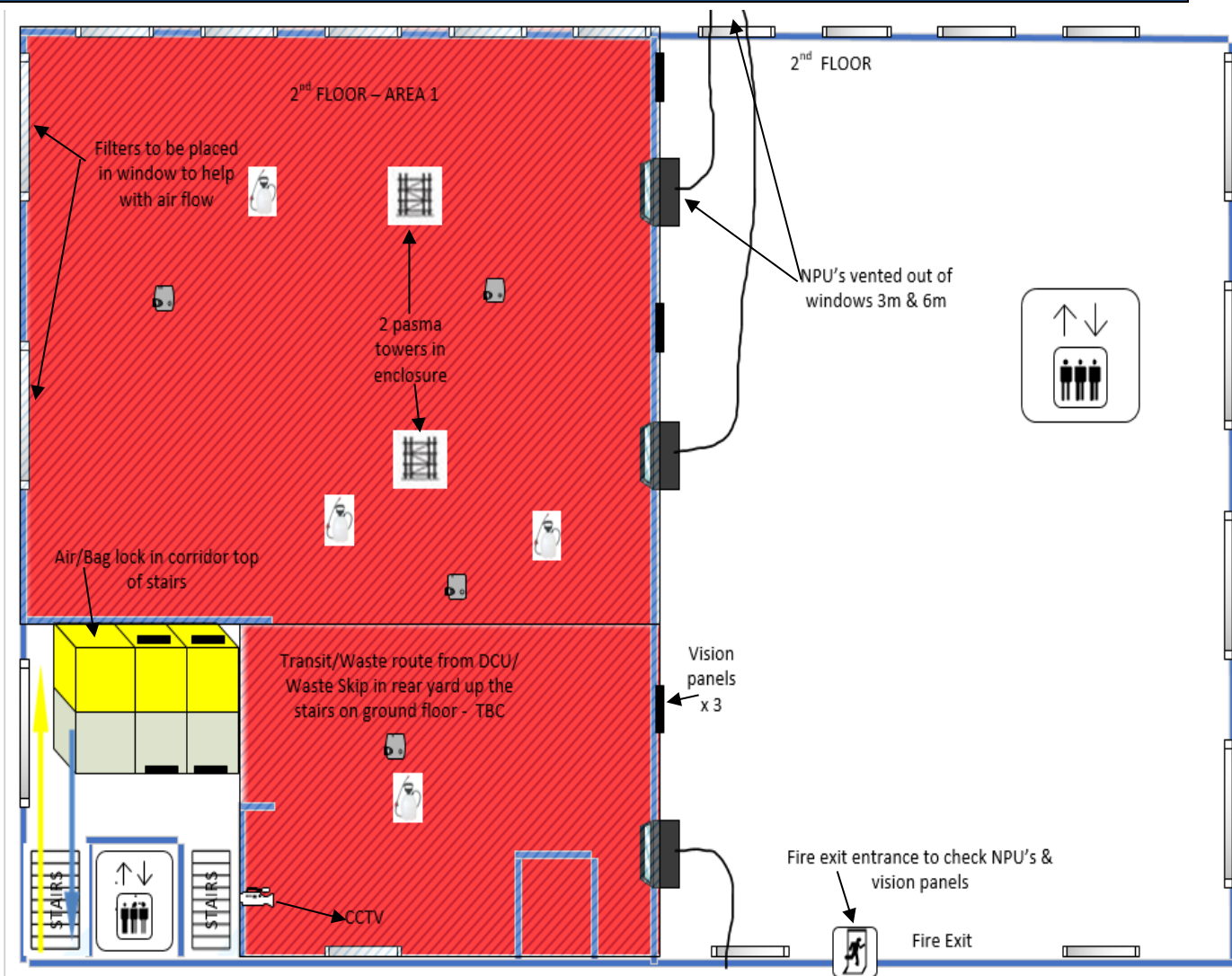
ENCLOSURE 8 – FIRST FLOOR – SECOND HALF OF ROOM, ASBESTOS INSULATING BOARD CEILING PANELS & BOXING

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M ³
E	AIRLOCK SIZE		M ³
F	BAGLOCK SIZE		M ³
G	ENCLOSURE BOX		M ³
H	TOTAL D+E+F+G=		M ³
No, OF AIR CHANGES (AC)			M ³
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)			M ³
PLUS REDUCTIONS			M ³
NEGATIVE PRESSURE			M ³
TOTAL NPU REQUIRED			



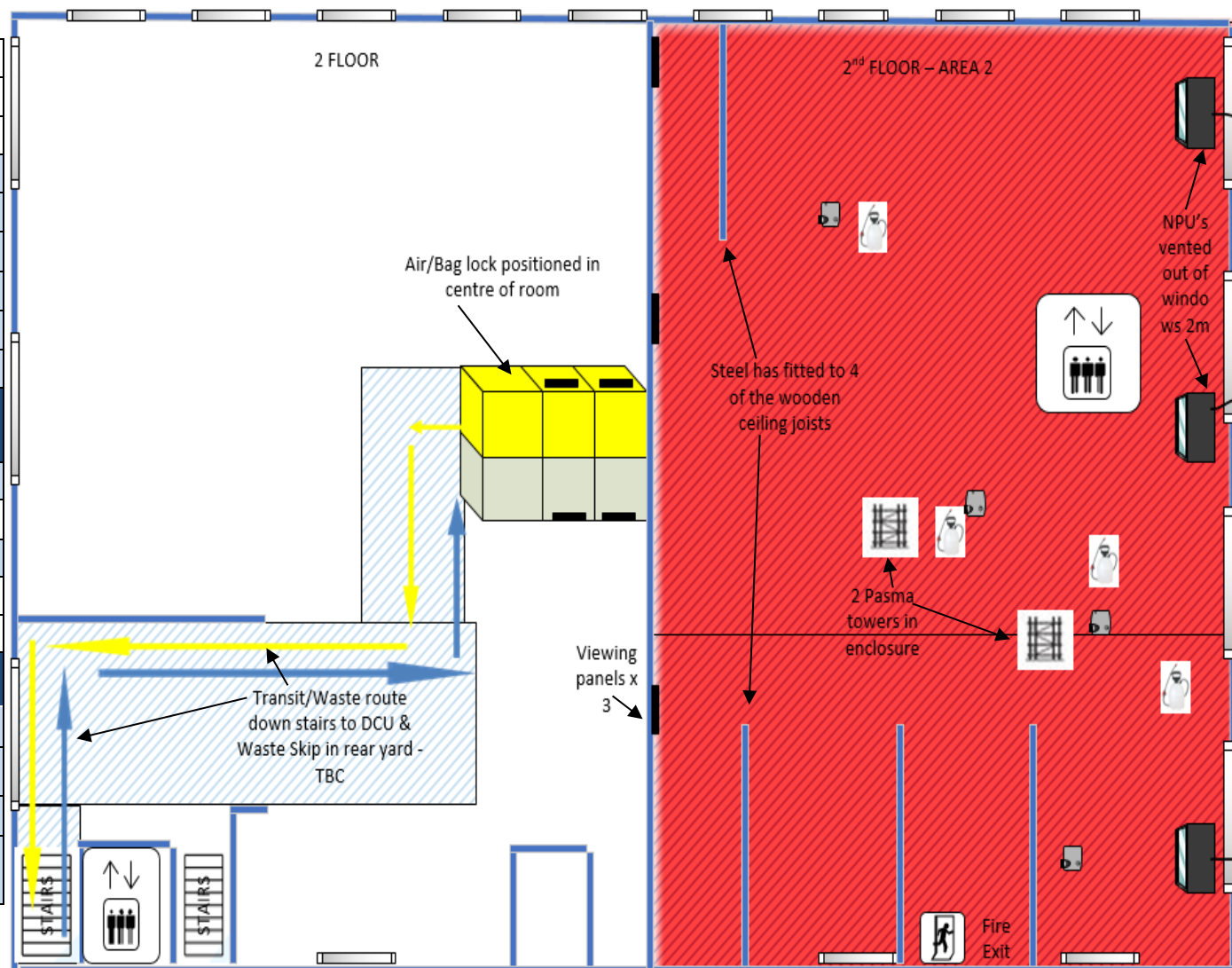
ENCLOSURE 9 – SECOND FLOOR – ASBESTOS INSULATING BOARD TO CEILING PANELS & BOXING

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M ³
E	AIRLOCK SIZE		M ³
F	BAGLOCK SIZE		M ³
G	ENCLOSURE BOX		M ³
H	TOTAL D+E+F+G=		M ³
No, OF AIR CHANGES (AC)			M ³
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)			M ³
PLUS REDUCTIONS			M ³
NEGATIVE PRESSURE			M ³
TOTAL NPU REQUIRED			



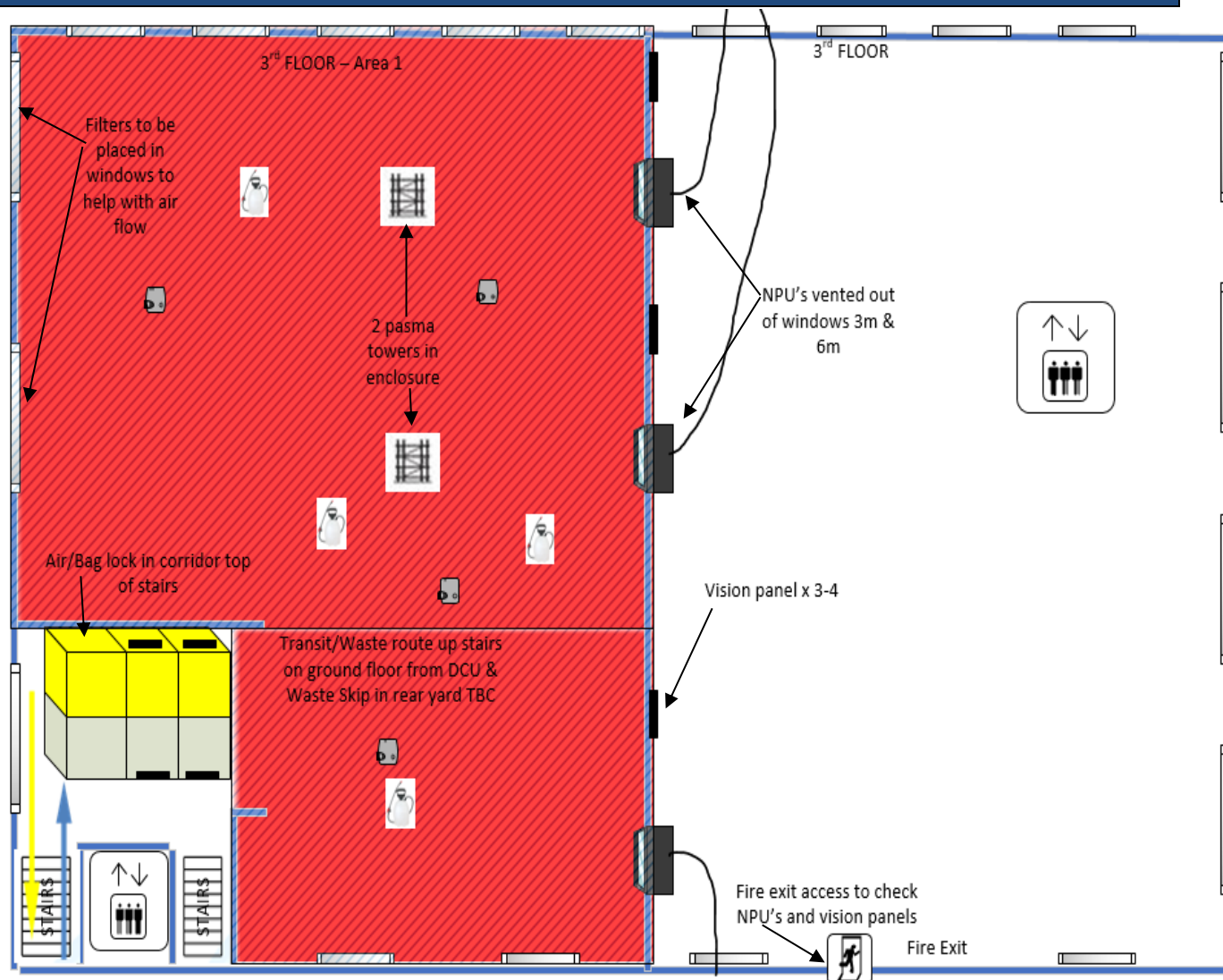
ENCLOSURE 10 – SECOND FLOOR – ASBESTOS INSULATING BOARD CEILING PANELS AND BOXING

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M ³
E	AIRLOCK SIZE		M ³
F	BAGLOCK SIZE		M ³
G	ENCLOSURE BOX		M ³
H	TOTAL D+E+F+G=		M ³
No, OF AIR CHANGES (AC)			M ³
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)			M ³
PLUS REDUCTIONS			M ³
NEGATIVE PRESSURE			M ³
TOTAL NPU REQUIRED			



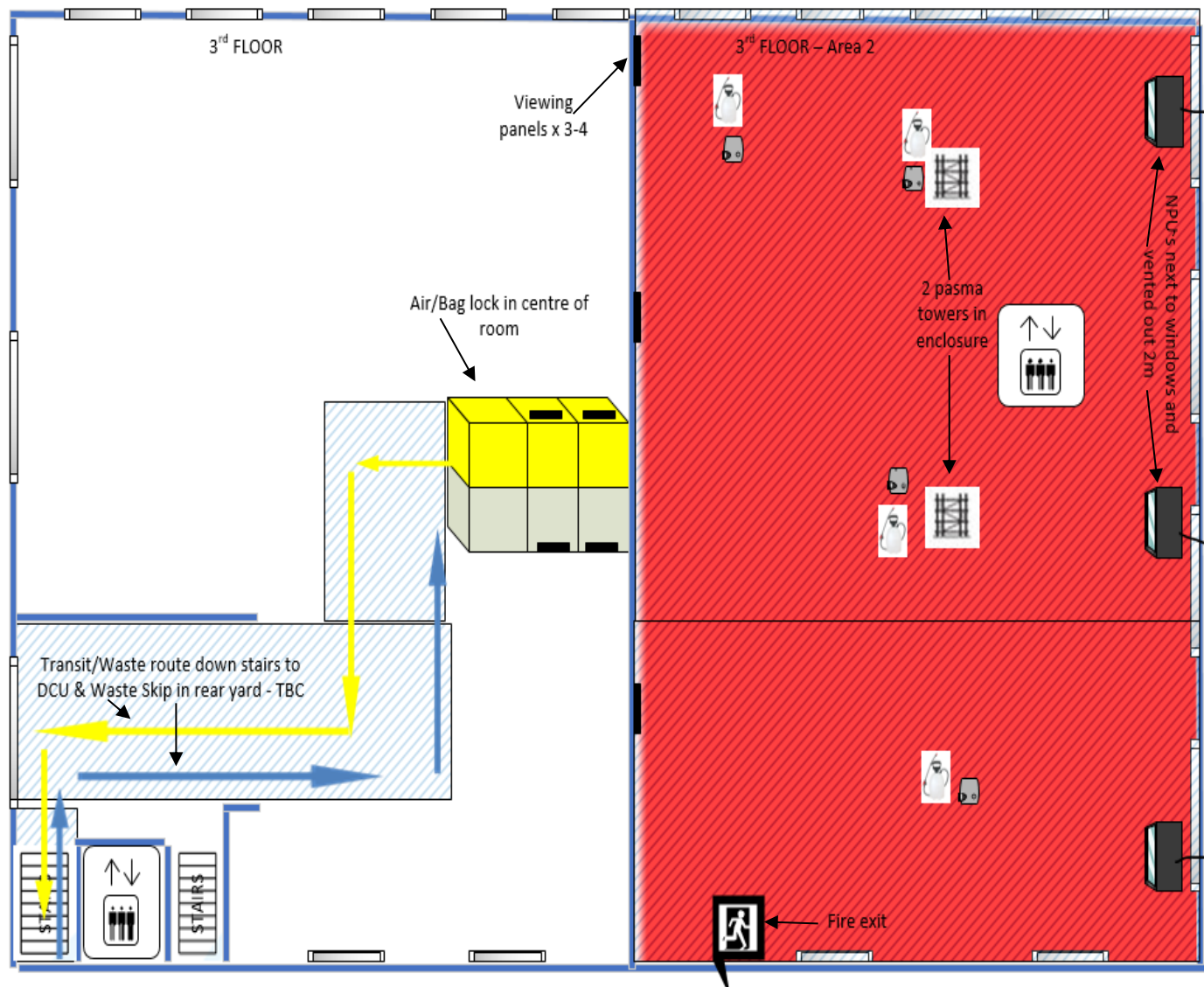
ENCLOSURE 11 – THIRD FLOOR – ASBESTOS INSULATING BOARD CEILING PANELS & BOXING

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M ³
E	AIRLOCK SIZE		M ³
F	BAGLOCK SIZE		M ³
G	ENCLOSURE BOX		M ³
H	TOTAL D+E+F+G=		M ³
No, OF AIR CHANGES (AC)			M ³
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)			M ³
PLUS REDUCTIONS			M ³
NEGATIVE PRESSURE			M ³
TOTAL NPU REQUIRED			



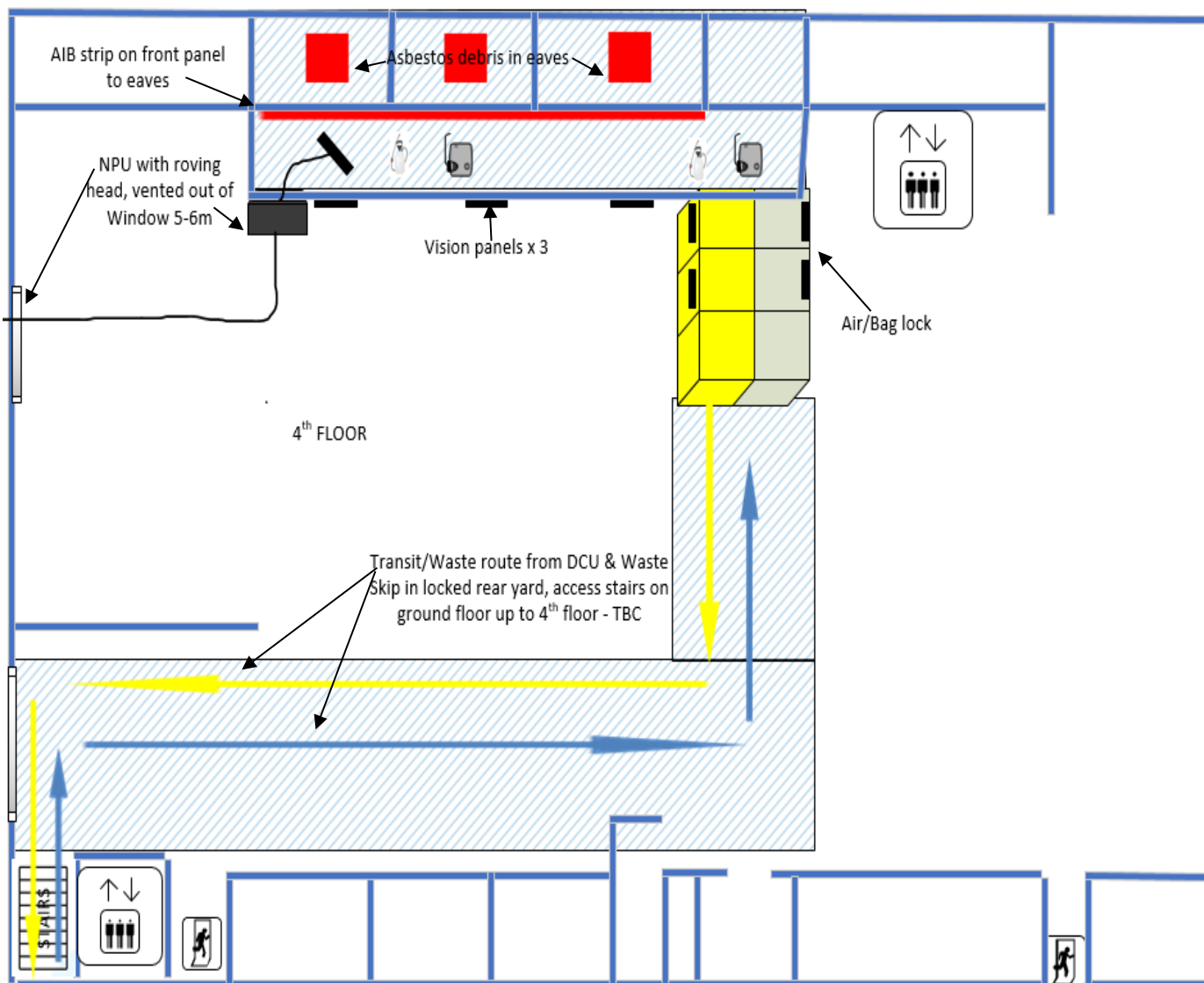
ENCLOSURE 12 – THIRD FLOOR – ASBESTOS INSULATING BOARD CEILING PANELS & BOXING

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M ³
E	AIRLOCK SIZE		M ³
F	BAGLOCK SIZE		M ³
G	ENCLOSURE BOX		M ³
H	TOTAL D+E+F+G=		M ³
No, OF AIR CHANGES (AC)			M ³
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)			M ³
PLUS REDUCTIONS			M ³
NEGATIVE PRESSURE			M ³
TOTAL NPU REQUIRED			



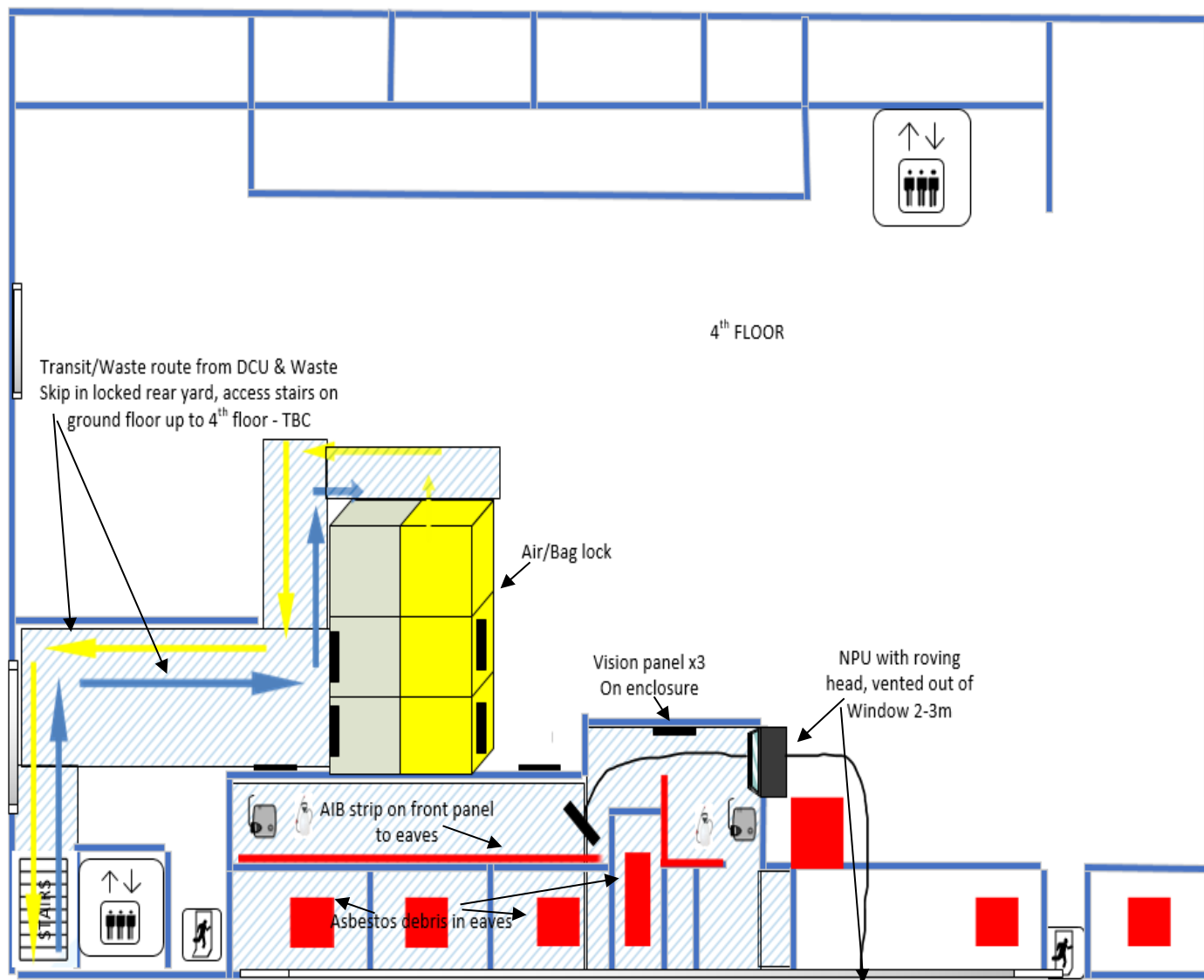
ENCLOSURE 13 – FOURTH FLOOR – ASBESTOS INSULATING BOARD PANEL AND DEBRIS TO EAVES ON RIGHT HAND SIDE

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M ³
E	AIRLOCK SIZE		M ³
F	BAGLOCK SIZE		M ³
G	ENCLOSURE BOX		M ³
H	TOTAL D+E+F+G=		M ³
No, OF AIR CHANGES (AC)			M ³
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)			M ³
PLUS REDUCTIONS			M ³
NEGATIVE PRESSURE			M ³
TOTAL NPU REQUIRED			



ENCLOSURE 14 – FOURTH FLOOR – ASBESTOS INSULATING BOARD PANEL AND DEBIS TO EAVES ON THE LEFT-HAND SIDE

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M ³
E	AIRLOCK SIZE		M ³
F	BAGLOCK SIZE		M ³
G	ENCLOSURE BOX		M ³
H	TOTAL D+E+F+G=		M ³
No, OF AIR CHANGES (AC)			M ³
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)			M ³
PLUS REDUCTIONS			M ³
NEGATIVE PRESSURE			M ³
TOTAL NPU REQUIRED			



ENCLOSURE 15 – FOURTH FLOOR – ASBESTOS INSULATING BOARD PANELS AND DEBRIS TO EAVES TO THE REAR RIGHT HAND SIDE

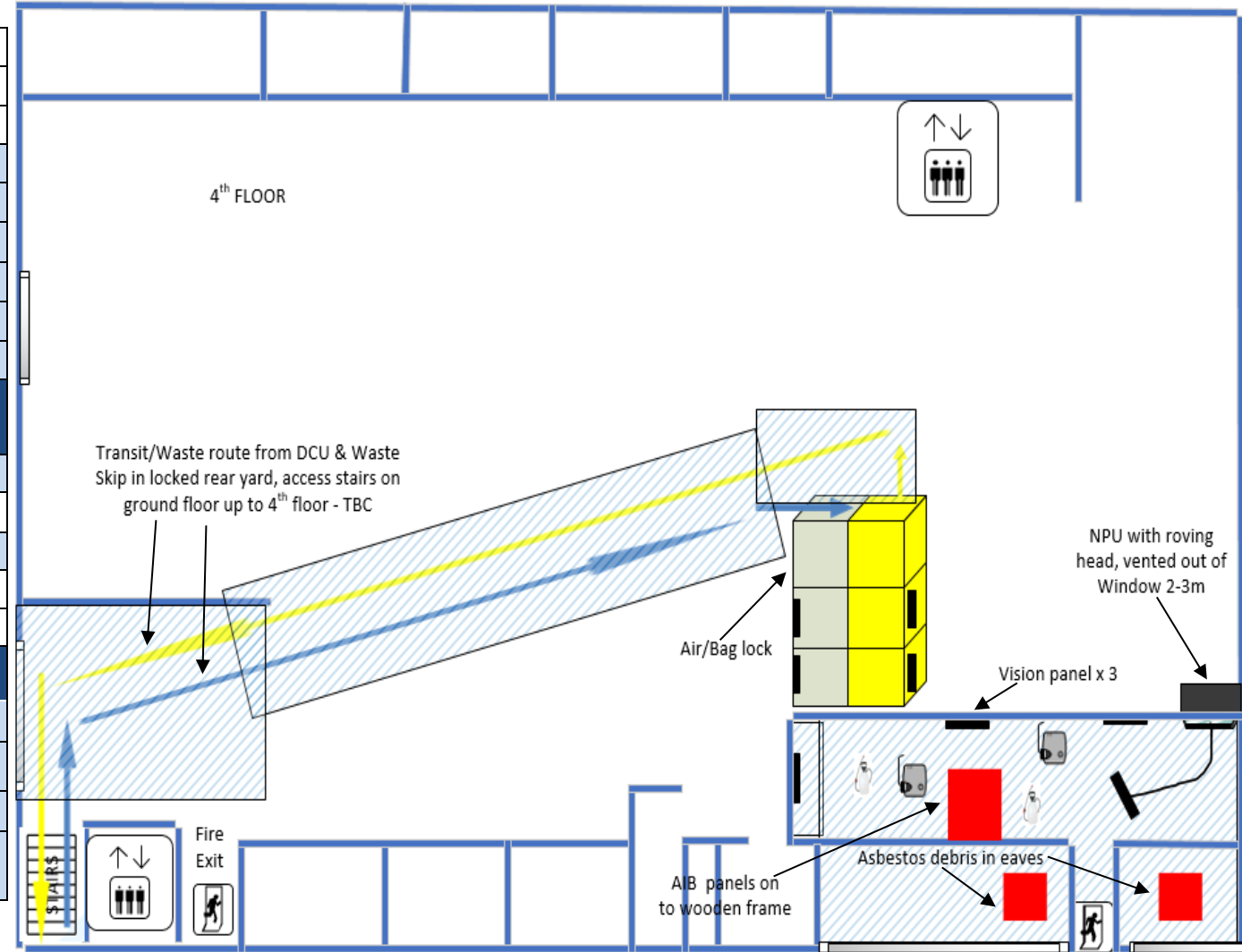
A	HEIGHT (Metres)	
B	WIDTH (Metres)	
C	LENGTH (Metres)	
D	TOTAL AxBxC=	M ³
E	AIRLOCK SIZE	M ³
F	BAGLOCK SIZE	M ³
G	ENCLOSURE BOX	M ³
H	TOTAL D+E+F+G=	M ³
No, OF AIR CHANGES (AC)		M ³

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	

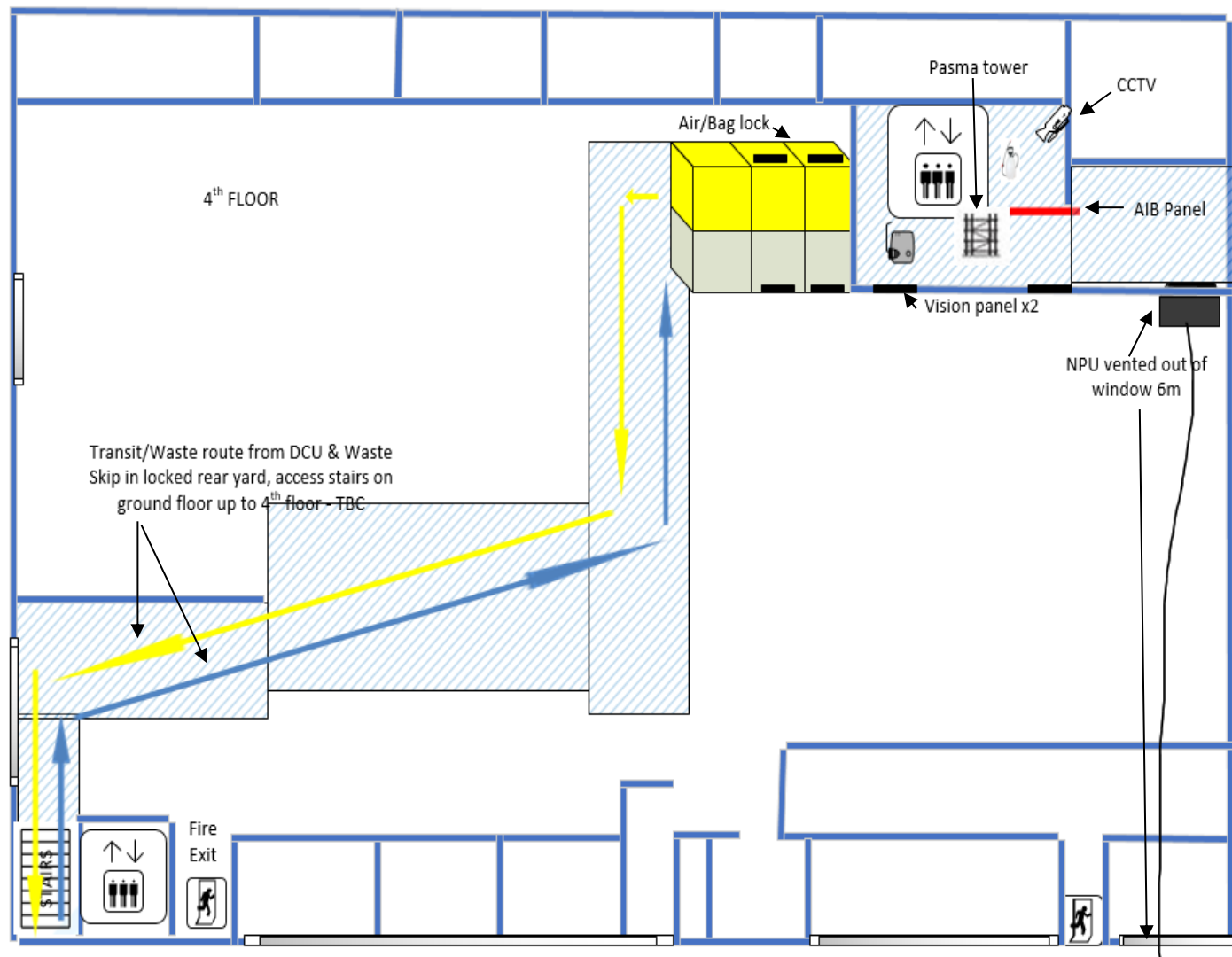
TOTAL NEGATIVE PRESSURE REQUIRED

ENCLOSURE (H)	M ³
PLUS REDUCTIONS	M ³
NEGATIVE PRESSURE	M ³
TOTAL NPU REQUIRED	



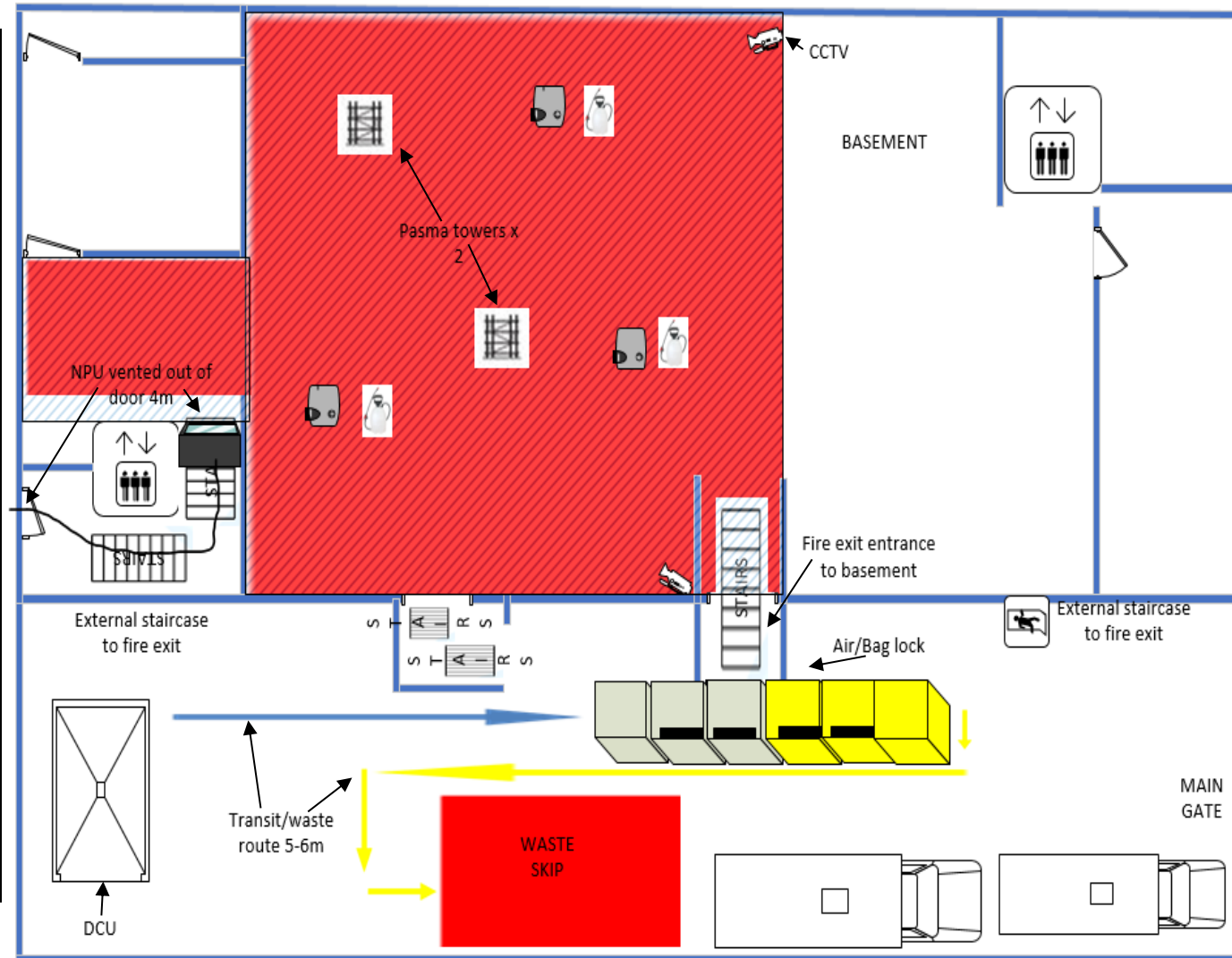
ENCLOSURE 16 – FOURTH FLOOR– ASBESTOS INSULATING BOARD ABOVE LIFT

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M ³
E	AIRLOCK SIZE		M ³
F	BAGLOCK SIZE		M ³
G	ENCLOSURE BOX		M ³
H	TOTAL D+E+F+G=		M ³
No, OF AIR CHANGES (AC)			M ³
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)			M ³
PLUS REDUCTIONS			M ³
NEGATIVE PRESSURE			M ³
TOTAL NPU REQUIRED			



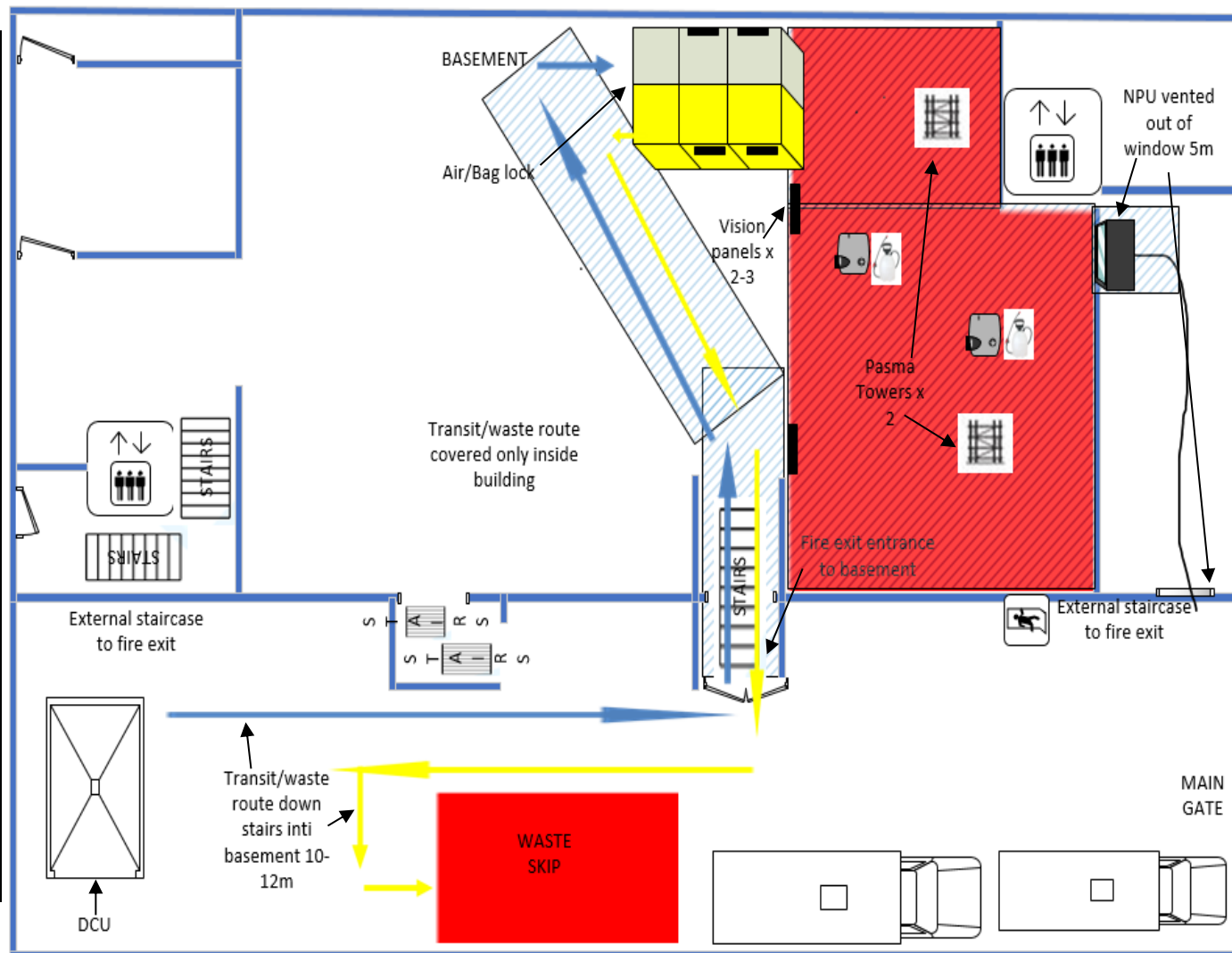
ENCLOSURE 17 – BASEMENT – ASBESTOS INSULATING CEILING PANELS AND BOXING

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M ³
E	AIRLOCK SIZE		M ³
F	BAGLOCK SIZE		M ³
G	ENCLOSURE BOX		M ³
H	TOTAL D+E+F+G=		M ³
No, OF AIR CHANGES (AC)			M ³
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)			M ³
PLUS REDUCTIONS			M ³
NEGATIVE PRESSURE			M ³
TOTAL NPU REQUIRED			



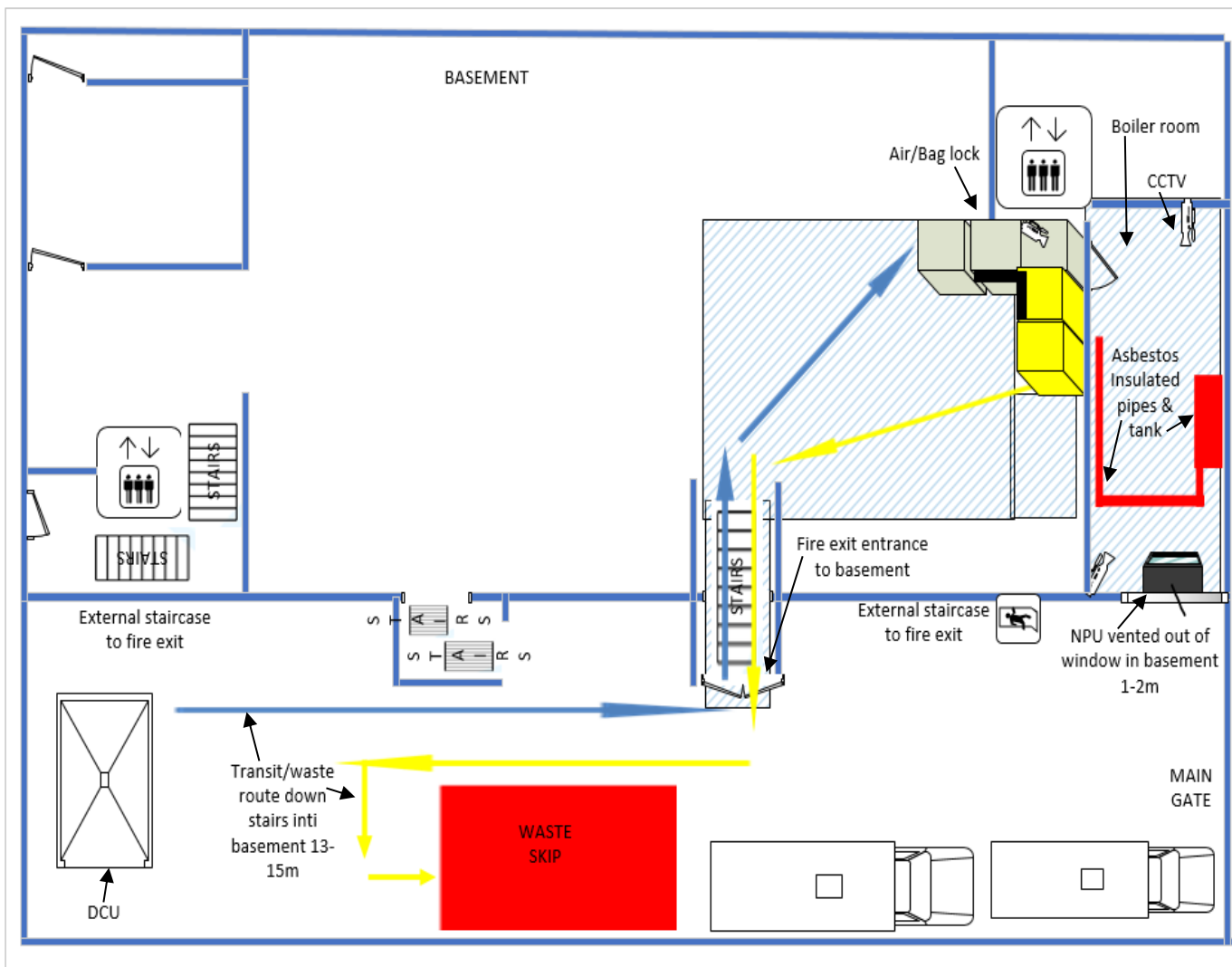
ENCLOSURE 18 – LOFT– ASBESTOS INSULATING CEILING PANELS AND BOXING

A	HEIGHT (Metres)		
B	WIDTH (Metres)		
C	LENGTH (Metres)		
D	TOTAL AxBxC=		M ³
E	AIRLOCK SIZE		M ³
F	BAGLOCK SIZE		M ³
G	ENCLOSURE BOX		M ³
H	TOTAL D+E+F+G=		M ³
No, OF AIR CHANGES (AC)			M ³
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)			M ³
PLUS REDUCTIONS			M ³
NEGATIVE PRESSURE			M ³
TOTAL NPU REQUIRED			



ENCLOSURE 19 – BASEMENT – THERMAL INSULATION TO PIPES AND WATER TANK

A	HEIGHT (Metres)	
B	WIDTH (Metres)	
C	LENGTH (Metres)	
D	TOTAL AxBxC=	M ³
E	AIRLOCK SIZE	M ³
F	BAGLOCK SIZE	M ³
G	ENCLOSURE BOX	M ³
H	TOTAL D+E+F+G=	M ³
No, OF AIR CHANGES (AC)		10
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)		M ³
PLUS REDUCTIONS		M ³
NEGATIVE PRESSURE		M ³
TOTAL NPU REQUIRED		



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 supervisor 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	GROUND FLOOR ENCLOSURE – the operatives shall use the fabric of the building to help with the enclosure for the pipe insulation, the operatives will start by removing parts of the false ceiling to reveal the pipes, once this has been done, using 1000-gauge polythene, staples, cloth backed tape and spray tak where needed, the operatives will sheet off from the stud wall to the original ceiling, ensuring all seams and gaps are taped up, in certain parts of the corridor stud walls will have to be taken down to open the enclosure up for where the pipes go off in various directions this will allow for us to obtain correct air floor	



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	



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.

10

AIB – Basement (see drawing on page 46), Ground Floor Lift Room (see drawing on page 35) Floors 1 & 2 (see drawings on pages 36-39)

AIB panels are fixed directly into timber panelling (probably early-20th century). The same removal technique for the AIB fixed to timber structure would be used as on all other floors. Once the Operatives are in the enclosure, working from the scaffold 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 gently 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 gently 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. **SPECIAL ATTENTION WILL BE GIVEN TO ALL FIXING HOLES** left by screws/fixings where fabric is to remain in situ (original timber beams, floorboards, panelling). These holes will be sprayed using the mixed surfactant and using a slightly over-sized drill (no more than 2mm over) bit whilst shadow vacuuming and will repeat this process until all fixing holes have been carefully cleaned out without the need for oversized holes – given the significance of the timber beams, cladding and floorboards. This is to ensure that all traces of asbestos – including fibres driven into the historic fabric – are removed.

AIB – 3rd Floor (see drawings on 40 & 41)

The same careful removal technique for the AIB would be carried out on this floor as on all other floors. The difference on this floor is the AIB is fastened to batons instead of directly to the timber beams and floorboards. Once the careful removal has been completed, all that will be left to remove is the wooden batons. Using a small pry bar all the batons will be gently removed and then cut up using a reciprocating saw (used only once the batons have been removed from the primary structure and at a distance from the historic fabric) and then bagged or wrapped in a parcel using 1000-gauge polythene and cloth backed tape to seal as contaminated waste. N.B. Given the fixings are not into historic fabric, over-sized drilling of area should not be required.

The AIB on this floor is fastened to batons instead of directly to the wooden beams and floorboards so all the batons will be gently removed, cut up using a reciprocating saw and bagged or wrapped in a parcel using 1000-gauge polythene as contaminated waste. **There should not be any drilling into the historic fabric as the asbestos is fastened to batons not directly to the ceiling**



THERMAL INSULATION ON PIPES AND CALORIFIER TANK Boiler Room in Basement (see drawings on page 48).

– Once the operatives are in the enclosure, they will start spraying all the pipework with a mixed surfactant in a handheld spray bottle before wrapping all the pipework in 1000-gauge polythene and sealing at all the joints using cloth backed tape and spray tak, ready for when the operatives cut each section out no more than 1.5m providing there are sufficient breaks between the insulation. If the breaks in the insulation are greater than 1.5m the operatives will now be using the (RED BOX) injection machine, proceed to place the needles into the insulation (Refer to SOP's on patterns for injection, page 84-85), the operative will check the insulation using a core sampler & h-type vacuum in close proximity after a sufficient time to make sure the insulation is wet enough. after the safe removal of a section of insulation that as now been removed and placed directly into a red waste bag, and the ends sealed using cloth backed tape & spray tak, the operatives will now be using a 110v reciprocating saw proceed to cut out the pipe work and then sprayed down and wiped using tak rags before being removed out of the enclosure. Now the operatives will proceed to spray the horizontal calorifier down first, then they will wrap it in 1000-gauge polythene and seal all ends using spray tak & cloth backed tape before using the RED BOX injection machine to form a pattern with the needles (refer to SOP's pages 86-88). After a sufficient time, the tank will be checked using a core sampler and h-type vacuum in close proximity in various places round the diameter of the tank to check its wet enough for sections of the insulation to be safely removed, so the operatives can then seal the edges up before cutting the tank into manageable pieces and again wiped down using surfactant & tak rags before leaving the enclosure

AIB REMOVAL & ENVIRONMENTAL CLEAN - Fourth Floor (see drawings on pages 45-45)

Once the operatives (working in pairs) are in the enclosure the operatives will start by spraying down using a mixed surfactant the AIB that runs along the top of the panelling that leads to the



eaves, once the operatives are happy with the wetting of the boards they will start to gently (taking into consideration not to damage any none-asbestos containing historic fabric) using a small pry bar start to remove the boards, all the time spraying down the back of the board the more its released and using a h-type vacuum shadow vacuuming also, as each board is removed will be placed directly in to a red waste bag. This process will continue until all boards have been safely removed. The drilling of the fixing holes is the same procedure as the ceiling removal oversized drill bit (no more than 2mm over), spray with mixed surfactant and shadow vacuum until all fixing holes have been cleaned. THE EAVES The **operatives** will then spray with a mixed surfactant over everything which is all loose materials within each section of the eaves. AIB, Insulation, Asbestos cement debris and none-asbestos materials that are also contaminated within the area. **As the eaves are only narrow & low, the operatives may have to remove some of the historical fabric which prevent us getting enough air flow, the operatives will gently be using a small pry bar remove each piece of timber panel, wipe the panel down to free it from any dust using a mixed surfactant, then using a marker to number them for when they are reinstated by an appropriate contractor.** Care will be taken around historic fabric whilst working in these areas – namely timber roof and floor fabric and plasterwork.) once this as been done start at the 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, continually spraying down with the mixed surfactant. 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 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		HOLD POINT



GLOBAL

ASBESTOS SOLUTIONS



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



01706 254 560

The supervisor will make sure prior to the analyst leaving that all site paperwork has been handed to him.

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							

RISK ASSESSMENT					CONTRACT NO			
					GAS192-21			
CLIENT					CONTRACT ADDRESS			
Lee Ashworth Ltd					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			✓



HAZARD	PERSONS AFFECTED	RISK			CONTROL MEASURES	RESIDUAL RISK		
		15-25	8-12	1-6		15-25	8-12	1-6
COVID-19	Global Workforce/Unauthorised access/Contractors on site	✓			Travel to and from site in separate vehicles and wear masks if this is not possible. Clean the cab with antibacterial products supplied and complete the checklist daily. Observe good hygiene. Abide by the 2-meter rule where possible. Wear PPE such as masks and gloves. Schedule breaks and meetings to allow minimum people to attend site at any one time. Toolboxes talk to be completed by Supervisor.			✓
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			✓



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 inform supervisor immediately of any concerns relating to the task			✓



Standard Procedures

ISSUE / REVISION NUMBER	6
DATE OF ISSUE	21/07/2021
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



ANNEX 1 (a) Certificates of Analysis



CERTIFICATE FOR IDENTIFICATION OF ASBESTOS FIBRES

STANDARD ☐
PREMIUM ☐
EMERGENCY ☐

Client:	DREC LIMITED	Analysis Report No.	SCO/21/0489		
Address:	35 BARTON ROAD STRETFORD MANCHESTER M32 9FA	Report Date:	13/01/21		
Attention:	DAVID ROBINSON	Site Ref No.	333/002		
Site Address:	MARLSBRO HOUSE NEWTON STREET MANCHESTER M1 1ED	Page No:	1	Of	2
Date sample taken:	07/01/21 & 08/01/21 & 11/01/21	No. of Samples:	20		
Date sample received:	13/01/21	Obtained:	DELIVERED		
Date of Analysis:	13/01/21				

Samples of material, referenced below, have been examined to determine the presence of asbestos fibres, using Scopes Asbestos Analysis "in house" method of transmitted/polarised light microscopy and centre stop dispersion staining, based on HSE's HSG248.
If samples have been DELIVERED the site address and actual sample location is as given by the client at the time of delivery. Scopes Asbestos Analysis Services Limited are not responsible for the accuracy or competence of the sampling by third parties. Under these circumstances Scopes Asbestos Analysis Services Limited cannot be held responsible for the interpretation of the results shown. Results relate only to the items tested.

SCOPES SAMPLE No.	CLIENT SAMPLE No.	Sample Location	Fibre Type Detected
1	SAMPLE 1	VAPOUR BARRIER	NADIS
2	SAMPLE 2	VAPOUR BARRIER	NADIS
3	SAMPLE 3	BEAM CLADDING AND INFILL CLADDING	CROCIDOLITE/ AMOSITE/ CHRYSOTILE
4	SAMPLE 4	WINDOW AND BEAM CLADDING	CROCIDOLITE/ CHRYSOTILE
5	SAMPLE 5	WALL PANELS AND DEBRIS	CROCIDOLITE/ CHRYSOTILE
6	SAMPLE 6	FLOOR SCREED	NADIS
7	SAMPLE 7	PIPE INSULATION SECTIONS	CHRYSOTILE
8	SAMPLE 8	FLOOR TILES AND ADHESIVE	NADIS
9	SAMPLE 9	VINYL FLOORING	NADIS
10	SAMPLE 10	CLADDING AROUND STAIRS	CROCIDOLITE/ CHRYSOTILE

KEY: NADIS – No Asbestos Detected in Sample

Note: All samples will be retained for a minimum of six months.

Note: This Certificate for Identification of Asbestos Fibres shall not be reproduced except in full without the written approval of the Laboratory.

Note: All Analysis is performed in House on the registered premises (below).

Note: Where an 'A' appears at the end of the analysis report number this means an amendment has been made to the original report. Information that has been amended will be marked with an *

Analysed by:	M ZHOU	Authorised signatory:	
		Print name:	S BOLTON- Q.C.M

BULK 001-VER 7 10-June-20-QCM



ANNEX 1 (b) Certificates of Analysis



CERTIFICATE FOR IDENTIFICATION OF ASBESTOS FIBRES

STANDARD	☐
PREMIUM	☐
EMERGENCY	☐

Client:	DREC LIMITED
Address:	35 BARTON ROAD STRETFORD MANCHESTER M32 9FA
Attention:	DAVID ROBINSON
Site Address:	MARLSBRO HOUSE NEWTON STREET MANCHESTER M1 1ED
Date sample taken:	07/01/21 & 08/01/21 & 11/01/21
Date sample received:	13/01/21
Date of Analysis:	13/01/21

Analysis Report No.	SCO/21/0489		
Report Date:	13/01/21		
Site Ref No.	333/002		
Page No:	2	Of	2
No. of Samples:	20		
Obtained:	DELIVERED		

Samples of material, referenced below, have been examined to determine the presence of asbestos fibres, using Scopes Asbestos Analysis "in house" method of transmitted/polarised light microscopy and centre stop dispersion staining, based on HSE's HSG248. If samples have been DELIVERED the site address and actual sample location is as given by the client at the time of delivery. Scopes Asbestos Analysis Services Limited are not responsible for the accuracy or competence of the sampling by third parties. Under these circumstances Scopes Asbestos Analysis Services Limited cannot be held responsible for the interpretation of the results shown. Results relate only to the items tested.

SCOPES SAMPLE No.	CLIENT SAMPLE No.	Sample Location	Fibre Type Detected
11	SAMPLE 11	WALL PANELS	CHRYSTOTILE
12	SAMPLE 12	PAPER LINING UNDER PIPE INSULATION	CHRYSTOTILE
13	SAMPLE 13	LINING PANELS AROUND STAIRCASE	CROCIDOLITE/ CHRYSTOTILE
14	SAMPLE 14	CEILING TILES	NADIS
15	SAMPLE 15	FLOOR TILES AND ADHESIVE	NADIS
16	SAMPLE 16	DOOR SURROUND PANELS	NADIS
17	SAMPLE 17	CEILING PANELS AND BEAM CLADDING	CROCIDOLITE/ CHRYSTOTILE
18	SAMPLE 18	TOILET CISTERN	AMOSITE
19	SAMPLE 19	TEXTURED COATING TO CEILING	NADIS
20	SAMPLE 20	CALORIFIER INSULATION	AMOSITE/ CHRYSTOTILE

KEY: NADIS – No Asbestos Detected in Sample

Note: All samples will be retained for a minimum of six months.

Note: This Certificate for Identification of Asbestos Fibres shall not be reproduced except in full without the written approval of the Laboratory.

Note: All Analysis is performed in House on the registered premises (below).

Note: Where an 'A' appears at the end of the analysis report number this means an amendment has been made to the original report. Information that has been amended will be marked with an *

Analysed by:	S GIDDINGS	Authorised signatory:	
		Print name:	S BOLTON- Q.C.M

BULK 001-VER 7 10-June-20-QCM



ANNEX 2 (a) Asbestos Register

Location	Product/Item	Amount	Condition	Surface treatment	Asbestos content	Sample number	Risk rating (score)
B022 stairs	Ceiling panels and beam cladding	25 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Amosite & Crocidolite (3)	AS 17	Medium (9)
B022 stairs	Stair treads	12 linear m	Good condition (0)	Composite, plastic, resin, vinyl (0)	Chrysotile (1)	Observation 7	Very low (2)
B021	Ceiling panels and beam cladding	30 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 17	Medium (9)
B023 cupboard	Ceiling panels and beam cladding	5 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 17	Medium (9)
B024	Ceiling panels and beam cladding	30 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 17	Medium (9)
B025	Ceiling panels and beam cladding	30 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 17	Medium (9)
B027	Ceiling panels and beam cladding	30 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 17	Medium (9)
B028	Ceiling panels and beam cladding	30 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 17	Medium (9)
B029 boiler room	Paper lining under pipe insulation	10 linear m	Medium damage, breakage, exposed fibres (2)	Unsealed (2)	Chrysotile (1)	AS 12	Medium (7)
B029 boiler room	Calortuff insulation	5 sq m	High damage, delaminating, debris (3)	Unsealed insulation, sprays (3)	Chrysotile & Amosite (2)	Sample 20	High (11)
5001 lift motor room	Loft hatch panel	1 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 4	Medium (9)



ANNEX 2 (b)

Location	Product/Item	Amount	Condition	Surface treatment	Asbestos content	Sample number	Risk rating (score)
G011 disused staircase	Lining panels around staircase	20 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	Sample 13	Medium (9)
G012	Paper lining under pipe insulation	5 linear m	Low damage, surface/edge marks (1)	Sealed, enclosed insulation (1)	Chrysotile (1)	AS 12	Low (5)
G013 entrance lobby	Paper lining under pipe insulation	10 linear m	Low damage, surface/edge marks (1)	Sealed, enclosed insulation (1)	Chrysotile (1)	AS 12	Low (5)
B003 lift lobby	Ceiling panels and beam cladding	10 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	Sample 17	Medium (7)
B005 WC	Toilet cistern	1 No.	Good condition (0)	Composite, plastic, resin, vinyl (0)	Amphibole inc. Amosite (2)	Sample 18	Very low (3)
B006	Ceiling panels and beam cladding	20 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 17	Medium (7)
B007 WC	Ceiling panels	5 sq m	Good condition (0)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 17	Low (6)
B011 kitchen	Ceiling panels and beam cladding	30 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 17	Medium (9)
B012	Ceiling panels and beam cladding	15 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 17	Medium (9)
B013	Ceiling panels and beam cladding	20 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 17	Medium (9)
B014	Ceiling panels and beam cladding	30 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 17	Medium (9)
B015	Ceiling panels and beam cladding	30 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 17	Medium (9)
B016	Ceiling panels and beam cladding	30 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 17	Medium (9)
B017	Ceiling panels and beam cladding	30 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 17	Medium (9)
B018	Ceiling panels and beam cladding	20 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 17	Medium (9)
B019	Ceiling panels and beam cladding	30 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 17	Medium (9)
B020	Ceiling panels and beam cladding	30 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 17	Medium (9)



ANNEX 2 (c)

Location	Product/Item	Amount	Condition	Surface treatment	Asbestos content	Sample number	Risk rating (score)
1003	Ceiling panels and beam cladding	40 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 4	Medium (9)
1004 meter cupboard	Wall panels	6 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Chrysotile (1)	Sample 11	Medium (7)
1004 meter cupboard	Ceiling panels and beam cladding	4 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
1004 meter cupboard	Fuse guards	1 No.	Low damage, surface/edge marks (1)	Unsealed (2)	Chrysotile (1)	Observation 6	Low (5)
1004 meter cupboard	Wall panels behind electrics	8 sq m	Low damage, surface/edge marks (1)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 4	Medium (8)
1006	Wall panels and residue on timber	6 sq m	High damage, delaminating, debris (3)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 4	Medium (9)
1005 staircase	Ceiling panels and beam cladding	4 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
1007	Ceiling panels and beam cladding	150 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
1008 office	Ceiling panels and beam cladding	30 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
1009 office	Ceiling panels and beam cladding	20 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
1010 corridor	Ceiling panels and beam cladding	50 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
1011 office	Ceiling panels and beam cladding	50 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
1013	Ceiling panels and beam cladding	50 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
1012 office	Ceiling panels and beam cladding	50 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
G001	Paper lining under pipe insulation	6 linear m	Low damage, surface/edge marks (1)	Sealed, enclosed insulation (1)	Chrysotile (1)	Sample 12	Low (5)
G002 fire escape	Paper lining under pipe insulation	10 linear m	Low damage, surface/edge marks (1)	Sealed, enclosed insulation (1)	Chrysotile (1)	AS 12	Low (5)
G004 corridor	Paper lining under pipe insulation	100 linear m	Low damage, surface/edge marks (1)	Sealed, enclosed insulation (1)	Chrysotile (1)	AS 12	Low (5)
G005 plant room	Lift cladding panels	12 sq m	High damage, delaminating, debris (3)	Unsealed AIB (2)	Crocidolite, Amosite & Chrysotile (3)	AS 3	Medium (9)
G005 WC	Paper lining under pipe insulation	5 linear m	Low damage, surface/edge marks (1)	Sealed, enclosed insulation (1)	Chrysotile (1)	AS 12	Low (5)
G006 office	Uning panels above radiators	1 sq m	Good condition (0)	Unsealed AIB (2)	Crocidolite, Amosite & Chrysotile (3)	AS 3	Medium (7)
G008 office	Paper lining under pipe insulation	6 linear m	Low damage, surface/edge marks (1)	Sealed, enclosed insulation (1)	Chrysotile (1)	AS 12	Low (5)
G010 lobby	Paper lining under pipe insulation	50 linear m	Low damage, surface/edge marks (1)	Sealed, enclosed insulation (1)	Chrysotile (1)	AS 12	Low (5)



ANNEX 2 (d)

Location	Product/Item	Amount	Condition	Surface treatment	Asbestos content	Sample number	Risk rating (score)
3019	Ceiling panels and beam cladding	25 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3021	Ceiling panels and beam cladding	25 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3020	Ceiling panels and beam cladding	15 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3022 staircase	Wall panels	5 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite, Amosite & Chrysotile (3)	AS 3	Medium (7)
3023	Ceiling panels and beam cladding	15 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
2001 staircase	Ceiling panels and beam cladding	15 sq m	Good condition (0)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Low (5)
2002 lobby	Ceiling panels and beam cladding	10 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
2003 WC	Ceiling panels and beam cladding	5 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
2005 disused staircase	Cladding around stairs	6 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	Sample 10	Medium (9)
2005 studio	Ceiling panels and beam cladding	150 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
2006 office	Ceiling panels and beam cladding	25 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
2007 studio	Ceiling panels and beam cladding	100 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
2008 store room	Ceiling panels and beam cladding	20 sq m	Good condition (0)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Low (5)
2009 studio	Ceiling panels and beam cladding	100 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 4	Medium (9)
2010	Ceiling panels and beam cladding	20 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
2011	Ceiling panels and beam cladding	10 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
2012	Ceiling panels and beam cladding	10 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
1002 meter cupboard	Fuse guards	1 sq m	Low damage, surface/edge marks (1)	Unsealed (2)	Chrysotile (1)	Observation 5	Low (5)
1001 staircase	Window and beam cladding	5 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
1002 meter cupboard	Ceiling panels and beam cladding	1 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 4	Medium (9)
1003	Wall panels behind plasterboard	20 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)



ANNEX 2 (e)

Location	Product/Item	Amount	Condition	Surface treatment	Asbestos content	Sample number	Risk rating (score)
4011 lift lobby	Ceiling panels and beam cladding	20 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 4	Medium (9)
3001 staircase	Ceiling panels and beam cladding	12 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3002	Ceiling panels and beam cladding	40 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 4	Medium (9)
3004 WC	Ceiling panels and beam cladding	5 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3005 WC	Ceiling panels and beam cladding	5 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3003 reception	Wall panel	3 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite, Amosite & Chrysotile (3)	AS 3	Medium (7)
3003 reception	Wall panels	3 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 4	Medium (9)
3003 reception	Flue pipe	1 linear m	Medium damage, breakage, exposed fibres (2)	Cement (1)	Chrysotile (1)	Observation 4	Low (5)
3006	Ceiling panels and beam cladding	30 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3008	Ceiling panels and beam cladding	15 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3007	Ceiling panels and beam cladding	15 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3009	Ceiling panels and beam cladding	15 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3010	Ceiling panels and beam cladding	15 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3011	Ceiling panels and beam cladding	15 sq m	High damage, delaminating, debris (3)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 4	High (10)
3012	Ceiling panels and beam cladding	25 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3013	Ceiling panels and beam cladding	20 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3014	Ceiling panels and beam cladding	25 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3015	Ceiling panels and beam cladding	15 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3016	Ceiling panels and beam cladding	15 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3017 corridor	Ceiling panels and beam cladding	50 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)
3018	Ceiling panels and beam cladding	25 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite & Chrysotile (3)	AS 4	Medium (7)



ANNEX 2 (f)

Location	Product/Item	Amount	Condition	Surface treatment	Asbestos content	Sample number	Risk rating (score)
4002 office	Fuse pads	1 No.	Good condition (0)	Unsealed (2)	Chrysotile (1)	Observation 1	Low (5)
4004	Beam cladding and infill panels	20 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite, Amosite & Chrysotile (3)	Sample 3	Medium (9)
4003 eaves	Discarded panels	2 sq m	High damage, delaminating, debris (3)	Unsealed AIB (2)	Crocidolite, Amosite & Chrysotile (3)	AS 3	High (10)
4004	Beam cladding	4 sq m	Medium damage, breakage, exposed fibres (2)	Painted AIB (1)	Crocidolite, Amosite & Chrysotile (3)	Sample 4	Medium (8)
4005 toilet	Debris and wall panels	5 sq m	High damage, delaminating, debris (3)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 4	High (10)
4004	Wall panels and debris	5 sq m	High damage, delaminating, debris (3)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	Sample 5	High (10)
4006 WC	Debris on floor and timbers	5 sq m	High damage, delaminating, debris (3)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 4	High (10)
4004	Beam cladding	8 linear m	Low damage, surface/edge marks (1)	Unsealed AIB (2)	Crocidolite, Amosite & Chrysotile (3)	AS 3	Medium (8)
4007 eaves	Debris	5 sq m	High damage, delaminating, debris (3)	Unsealed AIB (2)	Crocidolite & Chrysotile (3)	AS 4	Medium (9)
4007 eaves	Flue pipe	3 linear m	Low damage, surface/edge marks (1)	Cement (1)	Chrysotile (1)	Observation 2	Very low (4)
4008 fire escape	Fire door panels	2 sq m	High damage, delaminating, debris (3)	Unsealed AIB (2)	Crocidolite, Amosite & Chrysotile (3)	AS 3	High (10)
4009 eaves	Flue pipes	10 linear m	Medium damage, breakage, exposed fibres (2)	Cement (1)	Chrysotile (1)	Observation 3	Low (5)
4010	Panel over door	1 sq m	Low damage, surface/edge marks (1)	Painted AIB (1)	Crocidolite, Amosite & Chrysotile (3)	AS 3	Medium (7)
4010 eaves	Debris in eaves void	2 sq m	High damage, delaminating, debris (3)	Unsealed AIB (2)	Crocidolite, Amosite & Chrysotile (3)	AS 3	High (10)
4010 kitchen	Ceiling and wall panels	25 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite, Amosite & Chrysotile (3)	AS 3	Medium (9)
4010 kitchen	Floor panel	1 sq m	Medium damage, breakage, exposed fibres (2)	Unsealed AIB (2)	Crocidolite, Amosite & Chrysotile (3)	AS 3	Medium (9)
L002 loft	Pipe Insulation sections	10 linear m	High damage, delaminating, debris (3)	Unsealed Insulation, sprays (3)	Chrysotile (1)	Sample 7	High (10)
L002 loft	Debris	5 sq m	High damage, delaminating, debris (3)	Unsealed AIB (2)	Crocidolite, Amosite & Chrysotile (3)	AS 3	High (10)
L002 loft	Lift motor room lining panels and debris	20 sq m	High damage, delaminating, debris (3)	Unsealed AIB (2)	Crocidolite, Amosite & Chrysotile (3)	AS 3	High (10)