RHODAR
Specialist Enabling Works
ASBESTOS | DEMOLITION | REMEDIATION

Construction Phase Plan, Risk Assessment and Plan of Work - for work with Asbestos

Project

Job Number	EWA001217
Job Name	Former CIS Tower (Weathermaster)
Site Address	Miller Street, Manchester, M60 0AL
Location	Floors 2, 3, 14 & 15

Client

Name	Bowmer & Krikland
Address	Northwest Regional Office, 1st Floor, Altitude, Atlas Business Park, Manchester, M22 5PR
Contact	Jordan Hedgeland
Email	j.hedgeland@bandk.co.uk
Telephone	07818534278

Rhodar

Contracts Manager	Donavan Slee
Position	Contracts Manager
Telephone	07714 916170
Email	d.slee@rhodar.co.uk
Address	Lexia House, Lyncastle Way, Barleycastle Trading Estate, Appleton, Warrington, WA4 4ST

Revision

Date RAMS created	13/10/2020
RAMS Version Number	1.0
Internal PRL	3

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A copy of the Corporate Standard Procedures (H&S) relating to this plan of works is available at our Head Office or on any current site and can be produced upon request.

ALL PERSONNEL MUST SIGN THE CONFIRMATION RECORD RELATING TO THIS DOCUMENT BEFORE STARTING WORKS

Section 1: Revisions to submitted plan of work

The site supervisor is authorised to make only limited alterations to/or deviations from this plan of work in agreement with Head Office prior to the changes being made. Some changes may require further review of the risk assessment which accompanies this plan of work. Such changes will be completed by the Contract Managers with a revised POW sent to site.

A record of any alterations or deviations made by the Site Supervisor must be made on the POW and returned to the office upon job completion.

Any changes to the Plan of Work will be communicated via a method statement re-briefing, signatures and details will be recorded below.
For fuller details please refer to applicable CSP CP/10.

Date	Revision No	Revision	Risk Assessment Review required	Revision authorised by	RAM's amended by

Work Area

Work Area ID: Weathermaster

Location of Work: Floors 2,3 14 & 15

Work Area Phasing

Pre-clean & Set Up	Yes	Removal Works	Yes	Visual Inspections	N/A
De-sheeting	Yes	Enclosure	No		

Details

Works involve the removal of the boxing forming the weathermaster.

Insulation board debris and cement debris have been located within the void beneath the boxing and to the underside of the boxing surface.

Weathermaster boxing is to be carefully removed and then disposed of as asbestos waste, and environmental clean will then be conducted to the void to ensure all dust and debris.

Internal M&E will be removed by Rhodar Demolition post asbestos remediation works. All works to be

conducted under controlled conditions within a respirator zone,

Please refer to the Demolition & Dismantling Activities Method Statement for procedure on the removal of

fixtures in line with the agreed Heritage strategy.

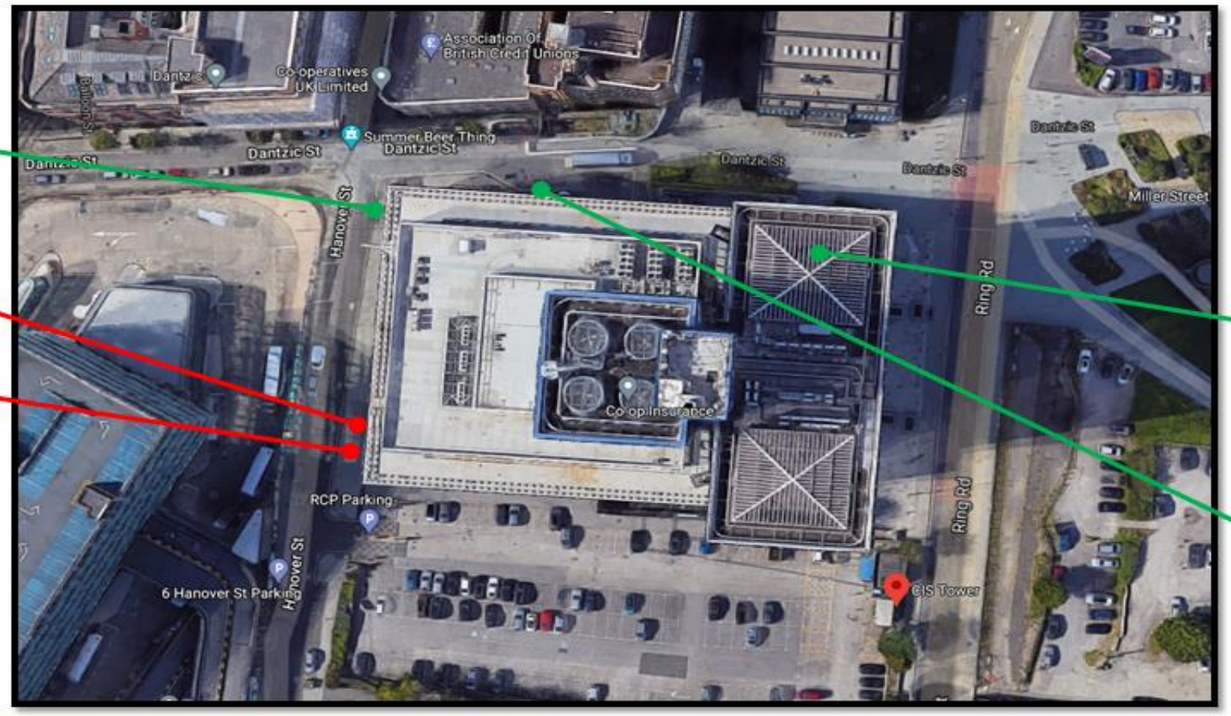
Site Overview

Works being conducted on the 2nd, 3rd & 14th, 15th Floors

Non-Contaminated Muster Point

Skip Location

Contaminated Muster Point



Welfare Located internally within basement Level 2

Site Entrance via security – Roller shutter door for movement of materials

SITE SPECIFIC RULES

Smoking **ONLY** permitted outside of the building within specific smoking shelters. No smoking authorised anywhere internally.

- Personal radios are not allowed on site.
- Mobile phones and Smart watches are NOT allowed within the work area and must be left in the site welfare.
- Operatives are to wear: Hard hats, high visibility tabards, Chemical resistant steel toe capped boots and gloves at all times on site.

SITE SECURITY

• Access to the site is via the side security entrance as per Bowmer and Kirkland induction

• Rhodar Management to then have a specific sign in procedure at the works location

• All Traffic on to site will be directed to the work area by Rhodar team, a banksman will be in position at all times

4.0 - Project & Management Details

Project Timings

6 **Maximum number of employees engaged on the project at any one time**

4 **Minimum number of employees engaged on the project at any one time**

Start Date	End Date	Operating Hours	Shift Pattern
01/03/2021	01/04/2021	07:30-17:30	Continuous Working

Days	Nights	Weekdays	Weekends
Yes	No	Yes	No

Project: CDM Notifiable

Yes

Enforcing Authority

HSE

Project Contact List

RHODAR CONTACT	CONTACT TYPE	NAME	EMAIL ADDRESS	COMPANY	CONTACT NUMBER
Yes	Contracts Manager	Donavan Slee	d.slee@rhodar.co.uk	Rhodar	07714 916170
Yes	Supervisor	Alan Smith	a.smith@rhodar.co.uk	Rhodar	07773478122
No	Client Site Contact	Jordan Hedgeland	j.hedgeland@bandk.co.uk	Bowmer & Krikland	07818534278

5.0 - Management Details

Site Supervisor / Site Manager Attendances

The site manager or supervisor will be present on site throughout the works.

Contracts Manager Attendances

The Contracts Manager shall brief the supervisor prior to the works commencing and will maintain regular communication with the site supervisor throughout the works.

CONTRACT MANAGER ATTENDANCE	OTHER
Contract Manager to attend site minimum once a week	

Auditing

In house or independent auditors may visit site to carry out unannounced audits, this is in line with the company policy CSP HS/15.

Site Supervisory staff must ensure that all operatives involved in the works have read or have had read to them the Plan of Work. Each Operative will then indicate that they fully understand the Plan of Work by signing it. Each time a new operative starts work on the site they must be fully inducted into the method of work and sign the appropriate verification.

Contracts Managers and Directors may carry out random audits and Senior Leadership Visits during the works.

Managers Declarations

I confirm that I have planned and written the ASB5 Notification, Risk Assessment and Plan of Work for these asbestos works in accordance with the Rhodar Asbestos Abatement Policy and the requirements of CAR 2012 and supporting health and safety legislation.

Note: This document is not valid unless it has a secondary authorisation and a site release authorisation in ink in accordance with the Group Asbestos abatement policy.

Contracts Manager	Secondary Signature	Site Release Authorisation
Name	**Name**	**Name**
Donavan Slee	**Adam Howard**	
Date	**Date**	**Date**
13/10/2020	13/10/2020	

6.0 - Verification of Work

Declaration

I have read or had have explained to me the risk assessment and Plan of Work for this job, in conjunction with all relevant CSPs and SAFEguard. The supervisor has conducted all relevant tool box talks.

NAME	SIGNATURE	DATE

7.0 - Asbestos Survey & Air Monitoring Details

7.1 Survey

Details

Company
Amosite Asbestos Management on Site

Survey Type
Management

Survey Reference Number
AECCIS/AEC

Survey Date
01/06/2018

Available On Site?
Yes

7.2 UKAS Laboratory and Air Monitoring

Company

Name of Company
Socotec

Contracted To
Bowmer & Kirkland

Types of Air Monitoring to be carried out

Background Testing
Reassurance Air Testing
Personal Monitoring

Attendance

EMPLOYMENT CONTRACT
Full time

Personal Monitoring to be conducted

The company has a personal monitoring strategy which aims to carry out sampling on a variety of projects involving all types of asbestos removal/remediation projects. It is a mandatory requirement that personal monitoring is undertaken on all sprayed coating projects during the removal phases and when there is the presence of an on-site analyst for any longer running projects. Every effort should be made to carry out personal monitoring when asbestos removal/remediation works are taking place. If the analytical company is not appointed by Rhodar, it is to be agreed as part of the planning stage and documented to ensure personal sampling is undertaken.

The supervisor is to request that the analyst undertakes personal sampling to the nominated operative or to themselves (e.g when entering the enclosure to undertake a pre-visual inspection). The analyst should be instructed to collect any samples at a flow rate of 1 litre per minute.

Supervisor is to request the analyst on site to forward all analytical paperwork for this project to compliance@lexiasg.com

The personal monitoring strategy and results will be documented on the LSGIMS 10.66 Compliance Personal Monitoring Form.

Site Access Arrangements

Site will be accessed via the side security entrance - Opertaives will be issued individual swipe cards and access via the Turnstyle system.

Inductions will be conducted by Bowmer and Kirkland with a further induction conducted by Rhodar site management.

Welfare will be located on the basement level 2 as detailed within the welfare portion of these RAMS further detail for COVID-19 precautions and social distancing can be found within the main method of work and within a site specfic COVID-19 Risk assesment

Site Induction Details

Principle Contractor induction

Site Induction Location & Timings

Location	Days	Time
Bowmer & Krikland Site Offices	Mondays	08:00

Welfare Set Up and Location

Welfare Location: Basement Level 2

Welfare Requirements No of Persons: 6

Welfare Assessment Criteria

Suitable welfare facilities that are compliant with the requirements of the Construction (Design and Management) Regulations 2015 will be provided as detailed below taking into consideration number of persons and project duration.

No. of persons	No. of work periods (Day or Night)								
	1	2	3	4	5	6	1 week	2 wks	>2 wks
1	A	A	B	B	B	B	B	B	B
2	A	A	B	B	B	B	B	C	C
3	A	A	B	B	B	B	C	C	C
4	A	B	B	C	C	C	C	C	C
5	A	B	B	C	C	C	C	C	C
6	A	B	B	C	C	C	C	C	C
7	A	B	C	C	C	C	C	C	C
8	A	B	C	C	C	C	C	C	C
9	B	B	C	C	C	C	C	C	C
10	B	C	C	C	C	C	C	C	C
11+	C	C	C	C	C	C	C	C	C

Category A — Transient work site – arrange for suitable local facilities to be used (permissions to be obtained). These can be public or private facilities such as stations, depots, buildings, garages, shops etc.

Category B — Transient work site – arrange for suitable temporary facilities e.g. welfare vehicles. The overall travelling time to the toilet facility should be within 10 minutes of the place of work.

Category C — Non – transient / fixed work site – establish a site cabin with fixed welfare facilities, car parking, traffic management, site access control etc.

Note – dependent upon the circumstances if may be preferable to make formal arrangements for the use of local facilities than provide temporary site welfare facilities.

SITE WELFARE ASSESSMENT CATEGORY

Category C

Facility Provided By:	Client	Principle Contractor	Rhodar	Not Applicable
Office Facilities	✓			
Canteen	✓			
Chairs /Tables	✓			
Food Preparation Provision	✓			
Warm Drinks Facility	✓			
Heating	✓			
Potable Water	✓			
Changing Room / Drying Room	✓			
Secure Personal Storage	✓			
Mains Toilets	✓			
Portaloo with heated water	✓			
Connection to Drainage	✓			
Provision of Effluent Tanks	✓			
Electrical Connections	✓			
Water Connections	✓			
Washing Facilities	✓			
Welfare Van				✓
Welfare DCU				✓
Groundhog Unit				✓

Site Personal Protective Equipment Requirements

Safety Footwear
Hard Hat
Safety Glasses
General Purpose Gloves
High Visibility Vest

Site Security and Segregation Measures

Timber Hoarding

Permit to Work

	Issued By
N/A	

Isolations

	Isolation By
N/A	

Confirmation of Isolations

Isolation	Detail	Name	Signature	Date
N/A				

9.0 - Waste Storage Disposal

Waste Storage

Lockable Sealed Skip

Waste Storage Location

To the rear of the CIS podium level as per site plan

Waste Transfer & Carrier Details

Transfer Method

Landfill via designated Carrier

Waste Carrier

Waste Wave

Waste will be transferred to:

TRANSFER STATION	ADDRESS
Waste Wave	Whites Farm, Wilton Ln, Warrington WA3 4BA

Additional details

Waste will be transported 2m from the work area, to a lockable wheeled bin, operatives will used a specfied lift for the movement of waste, all waste will then be laoded directly into the asbestos waste skip located to the rear of the CIS podium level.

Estimated Waste Arisings

WASTE TYPE	CONTAINER TYPE	CONTAINER SIZE	QUANTITY	WEIGHT
Asbestos	Other	35 yd enclosed	2000	10

Waste to be Recycled

No waste will be recycled all waste will be discarded as asbestos waste.

Non-Asbestos Waste Disposal

General Waste in mixed general skip

Non-Asbestos Waste Carrier Details

WASTE CARRIER

Biffa

10.0 Fire & Emergancy Procedures

Fire & Emergency Safety Details

Follow site specific procedures and dial 999 in an emergency - recommended procedure by the fire service

Evacuation & Muster Points

In the event of an emergency requiring site evacuation, the Site Supervisor/designated individual shall ensure that personnel shall proceed in a controlled manner to the nominated assembly point and shall immediately inform the emergency services, client designated control room as appropriate.
All Staff are to ensure that they are familiar with the exit routes to leave the work areas, enclosures & site compounds swiftly and safely in an emergency, and are aware of the nearest fire assembly points.
Obey any commands issued by Designated Fire Marshalls as they have been trained for such situations.
Do NOT re-enter the building until you have been told to do so.

Site Fire / Emergency Alarm

A site temporary wireless alarm with intermittent tone will be in operation during the works

Muster Points

Contaminated muster point: Rear compound by Skip

Non-contaminated muster point: Rear Corner of the building, 5m from side entrance

Fire Extinguisher & Fire Point Locations

Fire extinguishers & Fire Points located as per Rhodar fire plan

Water and Powder fire extinguisher to be placed outside the work area

LEVEL 2

Nearest Hospital & First Aid Details

Hospital Name Manchester Royal Infirmary

Address:

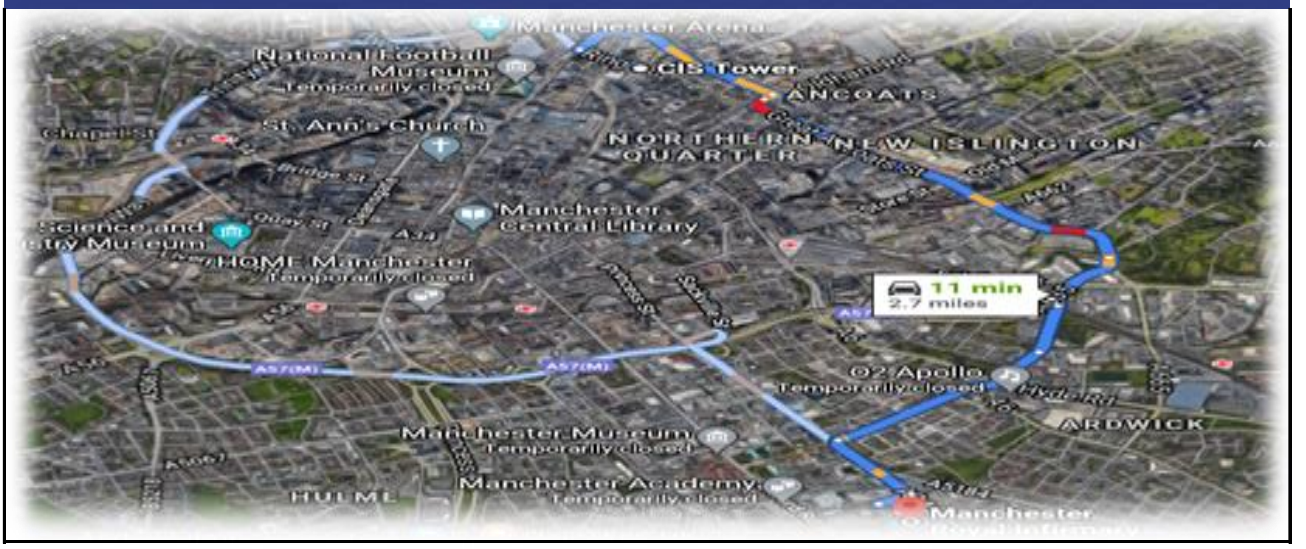
Oxford Road, Manchester

Post code: M13 9WL

Distance From Site: 2.7Miles

Phone Number: 0161 276 1234

Nearest A&E Location Plan



First Aid Arrangements

First Aiders:

Name	Location
Alan Smith	Office/ Work Location

First Aid Kit Locations:

Location	Details
Rhodar Vehicle	All Rhodar Vans fitted with First aid Kits
Outside Air Lock / Work Area	First aid kit to be at the entrance of each work area
Main Contractor Office	First aid kit located within Bowmer and Kirklands office

Additional Site Specific First Aid or Rescue Equipment:

Site Specific First Aid
N/A

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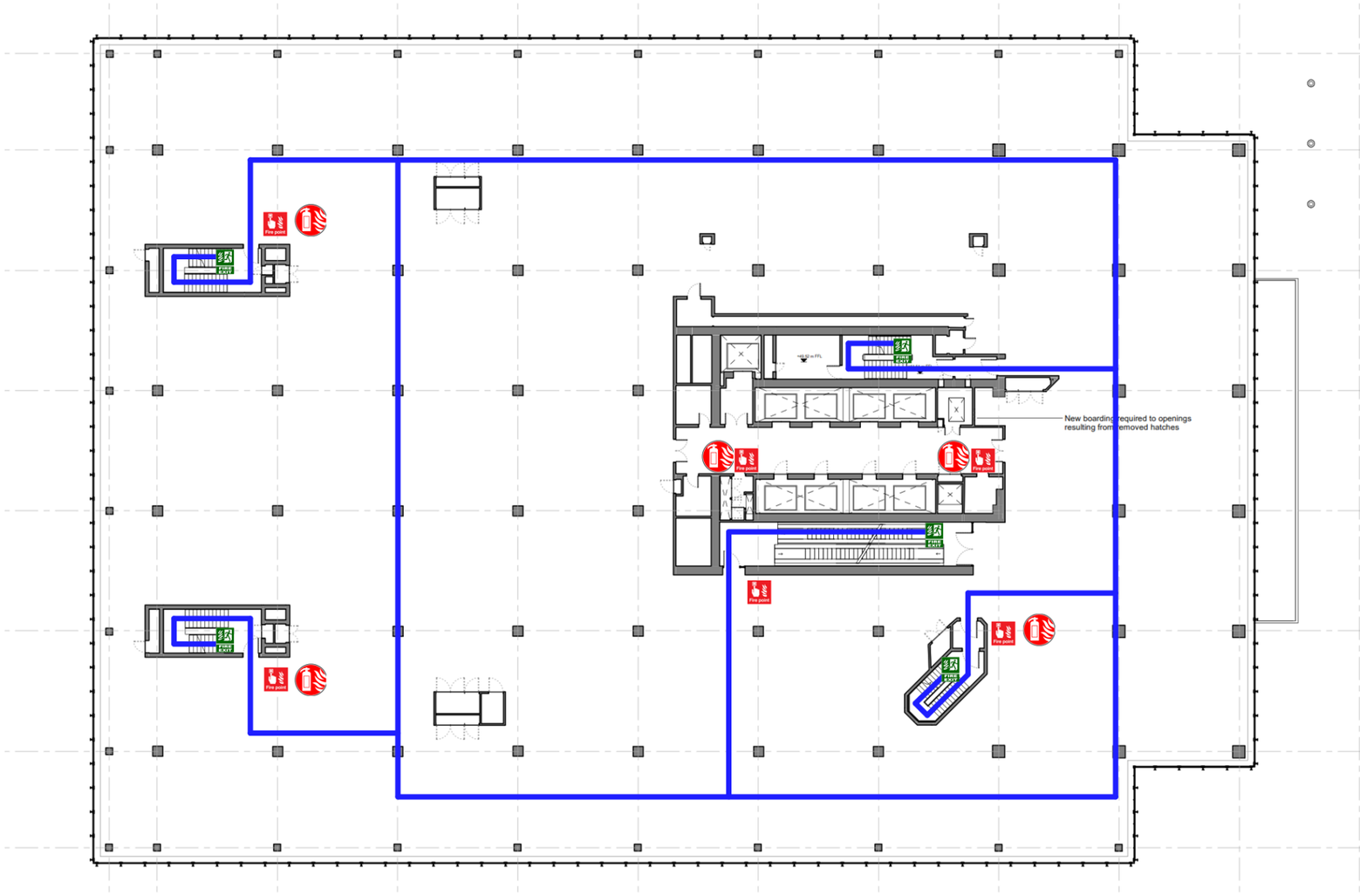
ASBESTOS DEMOLITION REMEDIATION

Drawing

LEVEL 2 – FIRE ESCAPE ROUTES

FIRE PLAN KEY

- ESCAPE ROUTE
- NON-CONTAMINATED MUSTER POINT
- CONTAMINATION MUSTER POINT
- FIRE EXIT
- FIRE EXTINGUISHER
- FIRE POINT



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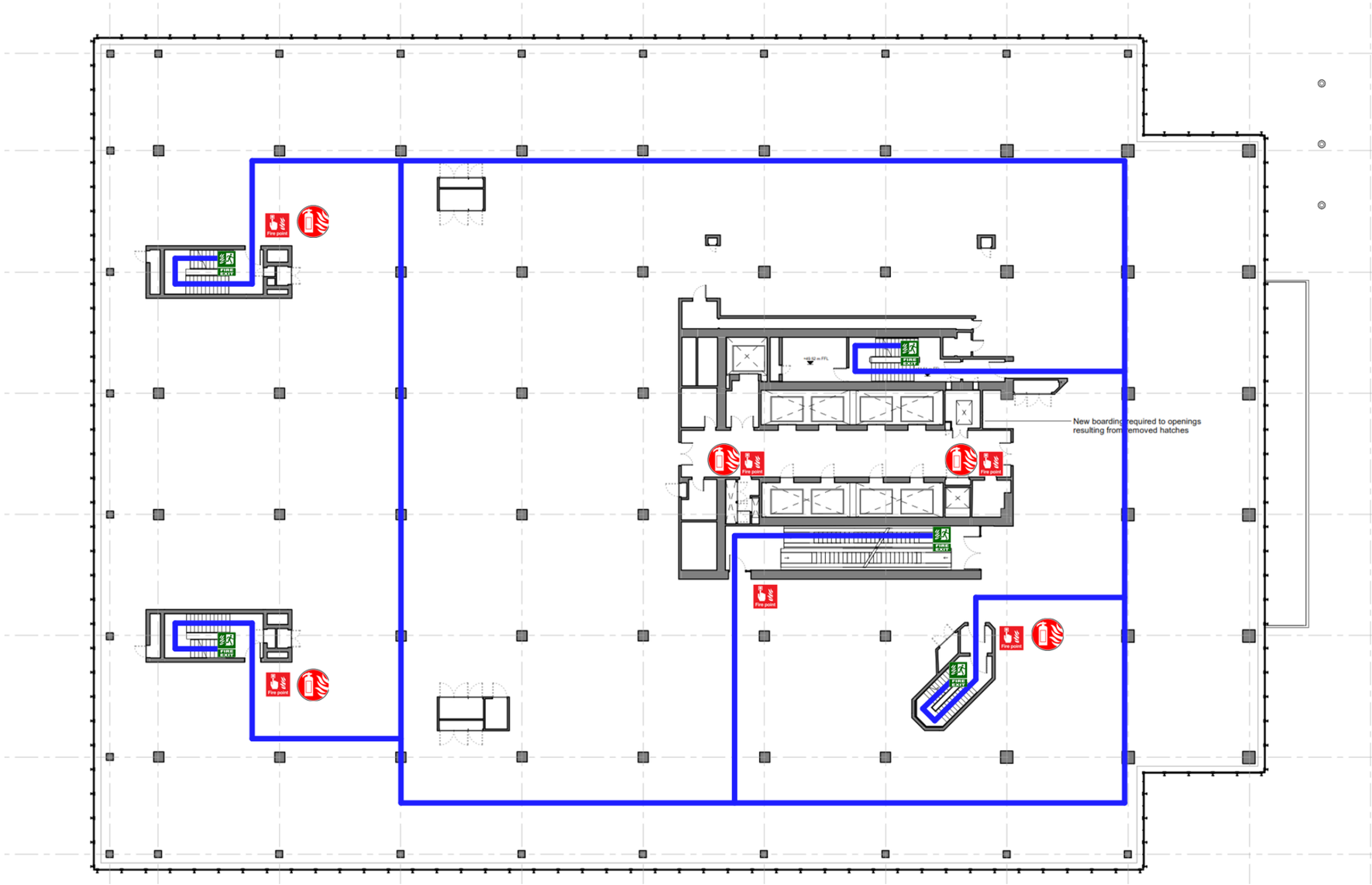
ASBESTOS | DEMOLITION | REMEDIATION

Drawing

LEVEL 3 – FIRE ESCAPE ROUTES

FIRE PLAN KEY

- ESCAPE ROUTE
- NON-CONTAMINATED MUSTER POINT
- CONTAMINATION MUSTER POINT
- FIRE EXIT
- FIRE EXTINGUISHER
- FIRE POINT



RHODAR
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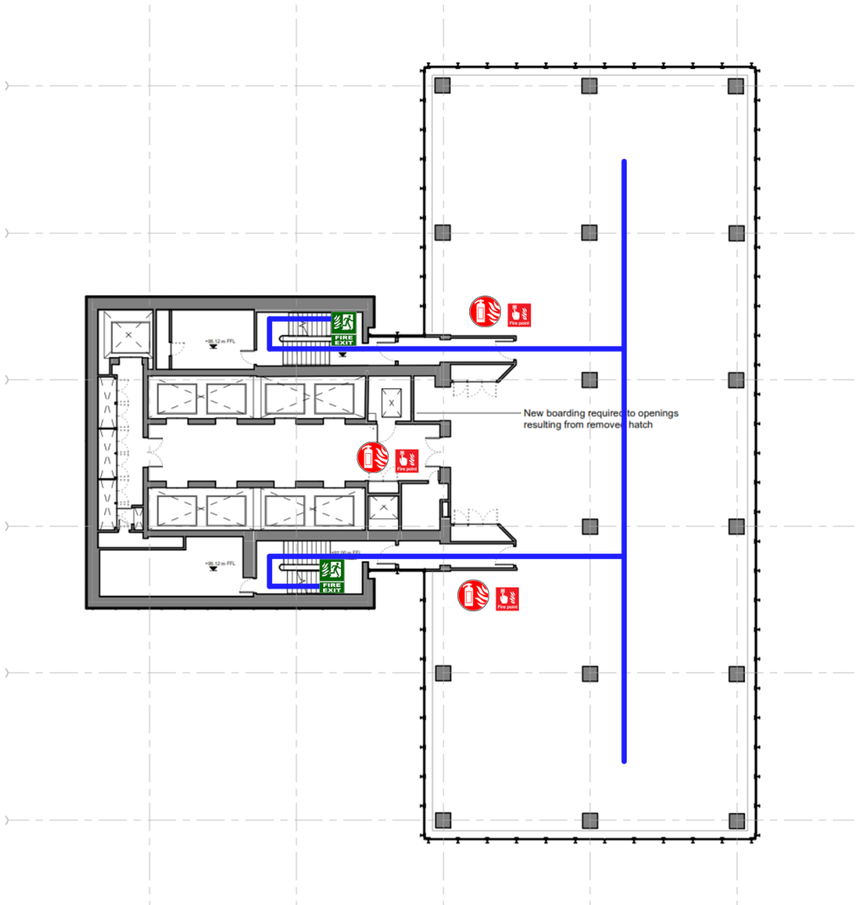
ASBESTOS | DEMOLITION | REMEDIATION

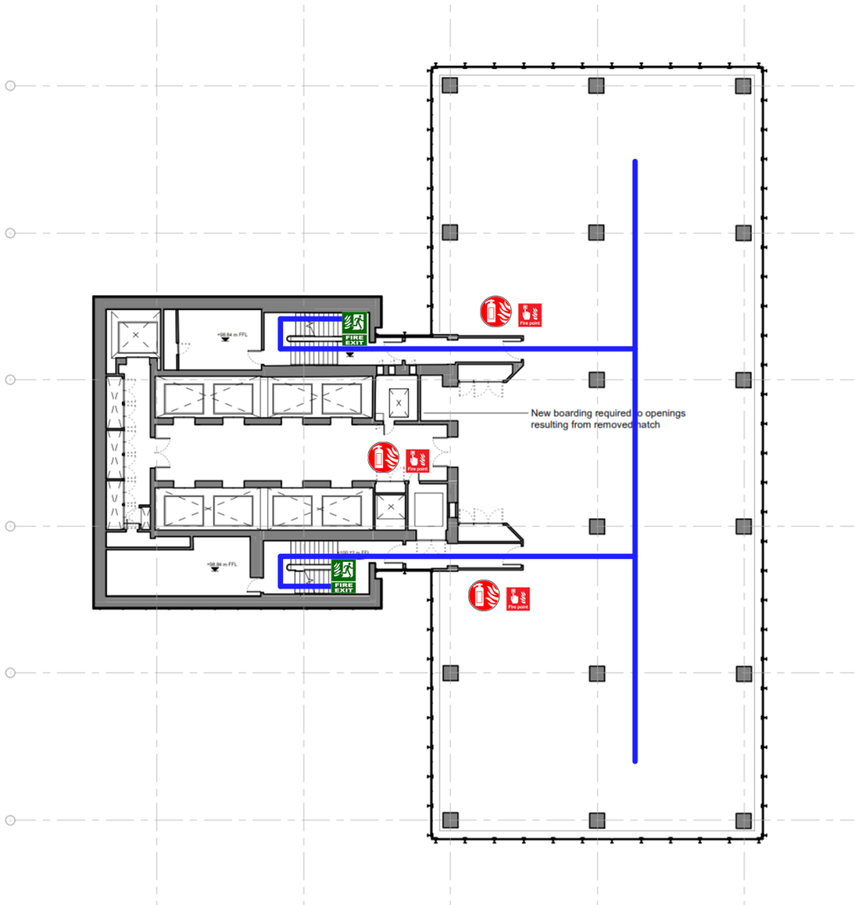
Drawing

LEVEL 14 & 15 – FIRE ESCAPE ROUTES

FIRE PLAN KEY

- ESCAPE ROUTE
- NON-CONTAMINATED MUSTER POINT
- CONTAMINATION MUSTER POINT
- FIRE EXIT
- FIRE EXTINGUISHER
- FIRE POINT





COSHH

The following items will be utilised on site during the project

COSHH ASSESSMENT NUMBER	PRODUCT NAME	PPE	HAZARD
0003	Idenden Dampstrip 30/330		
0004	Spray Adhesive		
0016	Pine Disinfectant		
0044	Duct Tape		

Company Standard Procedures

The following company standard procedures are applicable to the project:

CP/02 – Operating Standards
CP/03 – Guidance – Statutory Regulations, Codes of Practice etc
CP/04 Alcohol & Drugs Policy
CP/05 Hours of Work Policy
CP/06 Safe Working Hours & Shifts
CP/07 Work Safe CIRAS
CP/08 Welfare & First Aid
CP/09 Employee Training & SAFEguard Induction
CP/10 Communication
HS/01 Lone Working
HS/02 Selection & Maintenance of Respiratory Protective Equipment
HS/03 Personal Protective Equipment
HS/04 Hygiene Facilities
HS/05 Emergency Procedures
HS/06 Manual Handling
HS/07 Control of Substances Hazardous to Health (COSHH)
HS/08 Use of Tools
HS/15 Independent Site Auditing Process
HS/16 When an Inspector Calls
AA/01 Asbestos Documentation
AA/03 Negative Pressure Units (NPU) Vacuum Units, Hose Attachments and Ducting
AA/04 Decontamination of Equipment
AA/08 Waste Disposal

Work area ID	Weathermaster
Location	Floors 2,3 14 & 15

Anticipated Exposure Levels

EXPOSURE

AIB < 3 f/cc
Cement < 0.1 f/cc

Work Area Specific Personal and Respiratory Equipment

EQUIPMENT

Selected RPE and Standard PPE to be worn by all staff at all times when working within the designated area

Is the site area works location contaminated?	No
If yes, will pre-clean be required?	No

White disposable Cat 3, Type 5/6 coveralls and P3 rated ori-nasel half mask

Hygiene Unit

The unit is to be set up and checked that it is fully operational prior to commencing any asbestos related works in accordance with CSP HS/04.

There will be no hygiene unit assigned to the works

Personal Decontamination

PERSONAL DECONTAMINATION

A decontamination zone shall be formed within the exclusion zone. This will be demarcated with red and white barrier tape, with correx laid to the floor and warning notices on display

Respirator Zone or Containment Area Set Up

The site shall be set-up as per drawing and following CSP AA/02 where applicable

CONTAMINANT ZONE SETUP

An exclusion zone will be set up around the work area using red and white barrier tape and warning notices visible to prevent unauthorised access

Respirator Zone or Containment Area Set Up

The site shall be set-up as per drawing and following CSP AA/02 where applicable

CONTAMINANT ZONE SETUP

An exclusion zone will be set up around the work area using red and white barrier tape and warning notices visible to prevent unauthorised access

Temporary Services

WATER	DETAILS
The water supply for the works will be taken from	Onsite Services

POWER	DETAILS
The power supply for the works will be taken from	Onsite Services

Work Area Specific Isolation Details

ISOLATION	DETAILS (IF OTHER)
Heating	

Access Equipment

ACCESS EQUIPMENT	DETAILS (IF OTHER)
N/A	

Transit & Waste Routes

Transit Route

Internal Surfaces	Carpet
External Surfaces	Concrete
Protection	Cordex and Polythene
Route Segregated using	Pedestrian Barriers & Barrier Tape
Transit Route Distance	1m to the Hygeine Station

Waste Route

Internal Surfaces	Carpet
External Surfaces	Concrete
Protection	Cordex and Polythene
Route Segregated using	Pedestrian Barriers & Barrier Tape
Waste Route Distance	15m

Waste Movement Details

Waste will be double bagged as per CSPs and loaded into a locakable wheeled bin, waste will then be transported down to ground level via the specfically identifed waste lift, once at ground level operatives will take the bin approx 10m to the rear side of the podium to the onsite asbestos waste skip.

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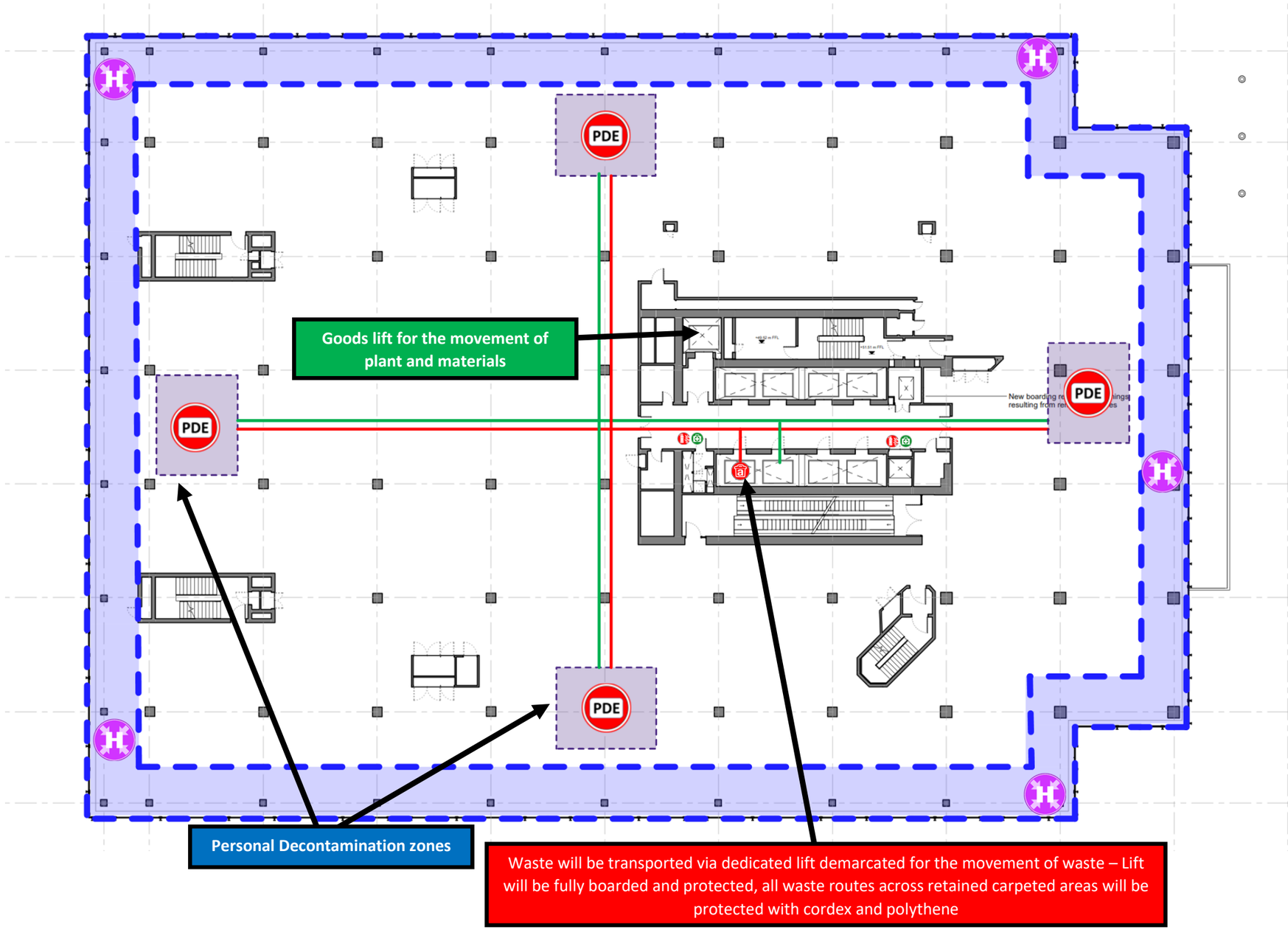
Drawing

LEVEL 2 - RESPIRATOR ZONE PLAN

ASBESTOS WORKS KEY

- Enclosure
- Baglocks
- Airlocks
- Primary Decontamination
- NPU 2500 - 150
- Viewing Panel
- CCTV
- Transit Route
- Waste Route
- H-Type Vacuum
- Roaming Head
- Airflow Filter
- Air Inlet Cube
- Mobile Hygiene Unit
- Modular Hygiene Unit
- Skip
- Operations Vehicle
- Water
- Power
- Asbestos Waste
- Dustless Blasting
- Drain
- Respirator Zone



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ASBESTOS | DEMOLITION | REMEDIATION

Drawing

LEVEL 3 - RESPIRATOR ZONE PLAN

ASBESTOS WORKS KEY

- Enclosure
- Baglocks
- Airlocks
- Primary Decontamination
- NPU 2500 - 150
- Viewing Panel
- CCTV
- Transit Route
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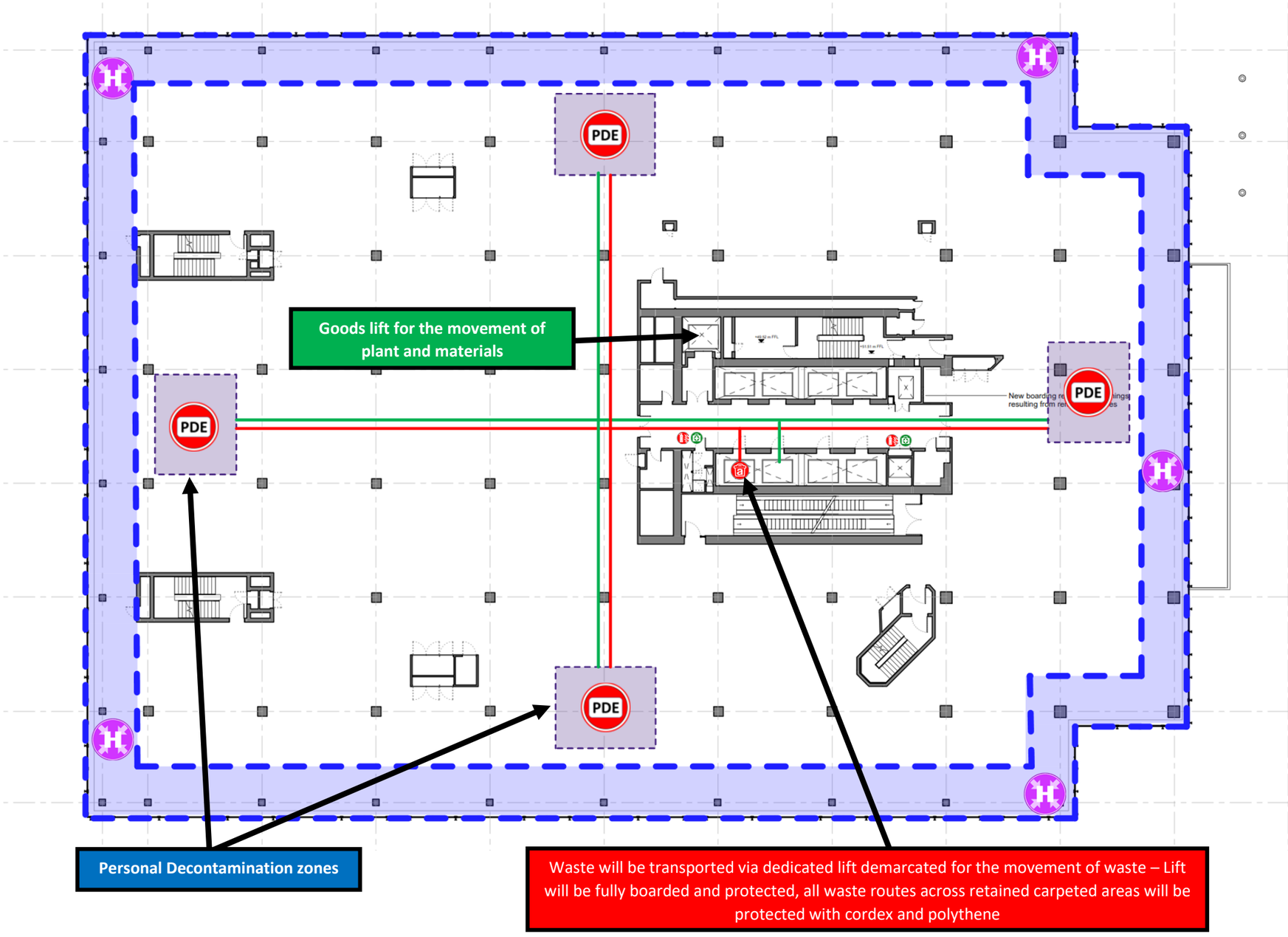

RHODAR
Specialist Enabling Works
ASBESTOS | DEMOLITION | REMEDIATION

Drawing

LEVEL 14 & 15 - RESPIRATOR ZONE PLAN

ASBESTOS WORKS KEY

- Enclosure
- Baglocks
- Airlocks
- Primary Decontamination
- NPU 2500 - 150
- Viewing Panel
- CCTV
- Transit Route
- Waste Route
- H-Type Vacuum
- Roaming Head
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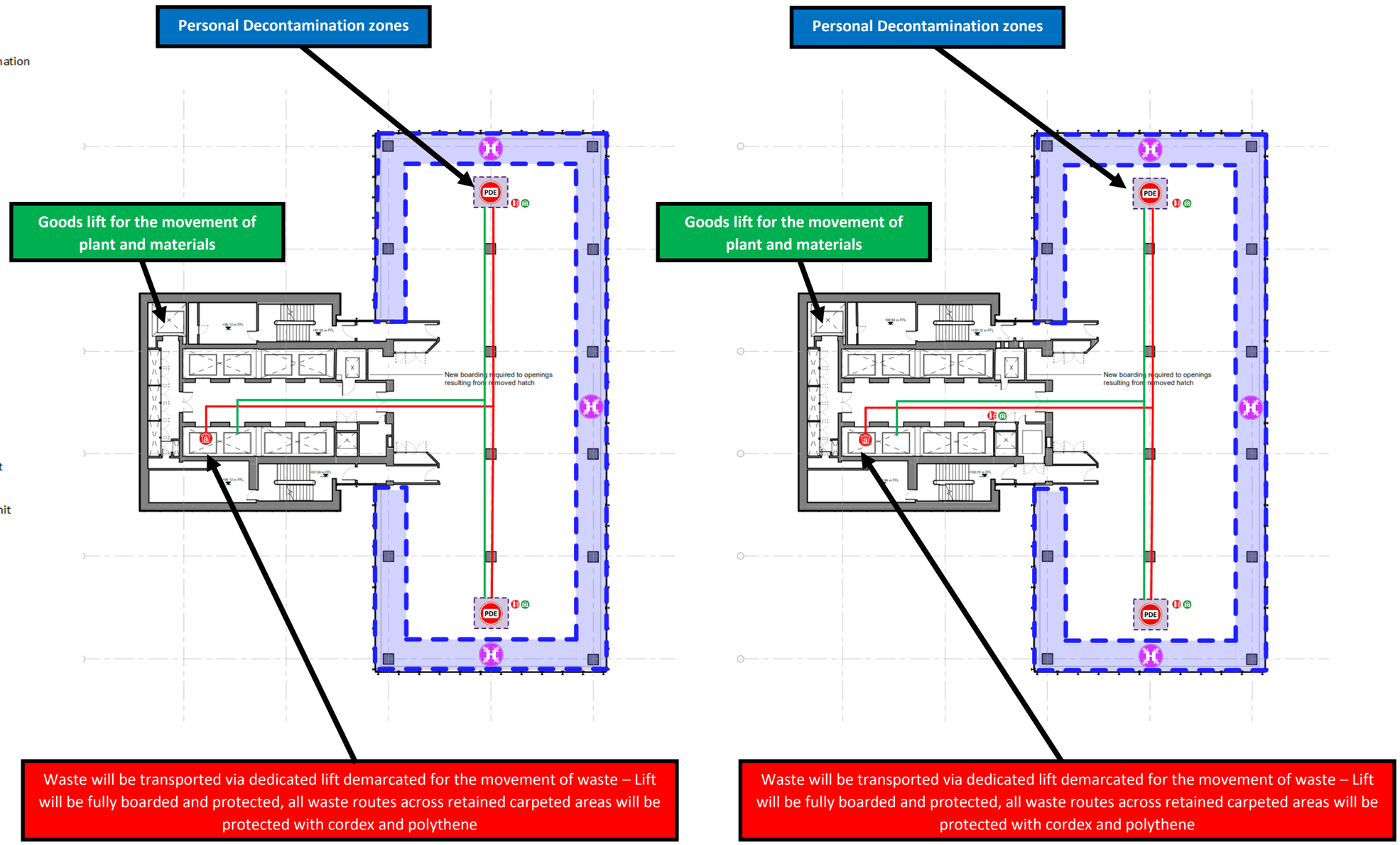
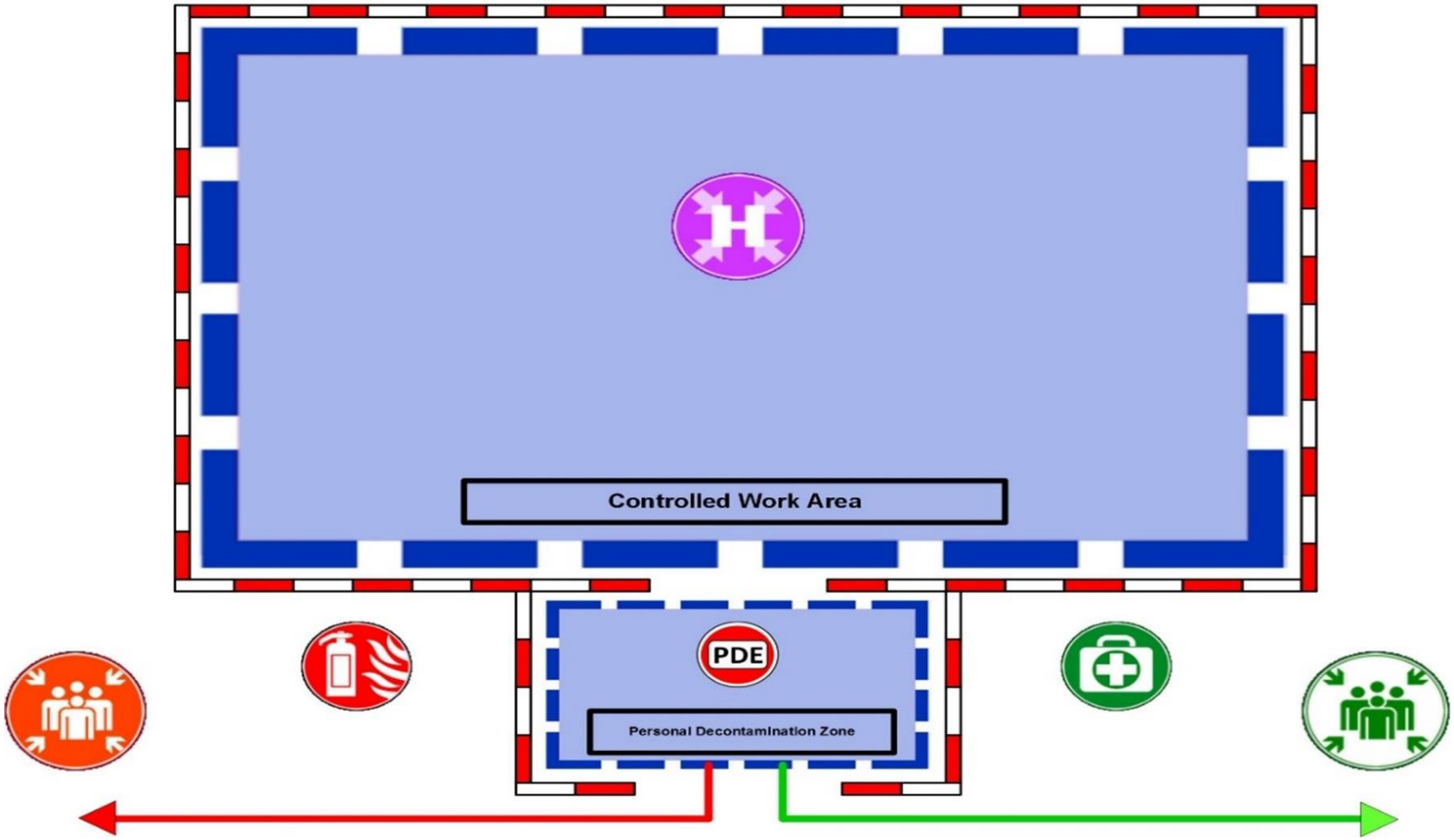


Drawing

Example of Rhodar Exclusion Zone



SCOPE OF WORKS

Works involve the removal of the boxing forming the weather master.

Insulation board debris and cement debris have been located within the void beneath the boxing and to the underside of the boxing surface.

Weather master boxing is to be carefully removed and then disposed of as asbestos waste, and environmental clean will then be conducted to the void to ensure all dust and debris.

Internal M&E will be removed by Rhodar Demolition post asbestos remediation works.

All works to be conducted under controlled conditions within a respirator zone

SITE SET UP

The site shall be set-up as per drawing and following **CSP AA/02 (page 109)**. An exclusion zone will be set up around the work area using red and white barrier tape and warning notices visible to prevent unauthorised access.

Example: Rhodar Site Signs

ANTICIPATED FIBRE LEVELS

Our anticipated exposure levels are assessed six monthly in line with the results obtained during personal monitoring.

Pre-cleaning of dust and debris that may contain minor/trace amounts of asbestos debris (<0.010 f/ml)

Removal of Asbestos Debris (AIB) (<0.143 f/ml)

Removal of Asbestos Cement Debris (<0.088 f/ml)

HERITAGE PROTECTION METHODS

LIFTS

Rhodar will use 3no lifts for work activates as indicated within the respirator zone plans

Lift 1 – This lift will be for the movement of asbestos waste and will be fully protected as detailed below, lift will also be protected with cordex and polythene sheeting to allow surfaces to be cleaned and air test completed by Socotec post works

Lift 2 – This lift will be for the movement of Rhodar operatives to the work area and will be fully protected as detailed below.

Lift 3 (Goods Lift) - The goods lift will be used for the movement of plant and materials to the work level, the goods lift will be fully protected as detailed below

Lifts will be fully boarded on all sides with non-structural 18mm Ply board

Example: 18mm Ply board

A frame will be constructed and the ply wood fitted to provide a flush surface finish, cut outs will be pre-constructed to provide access to the controls and emergency access panels

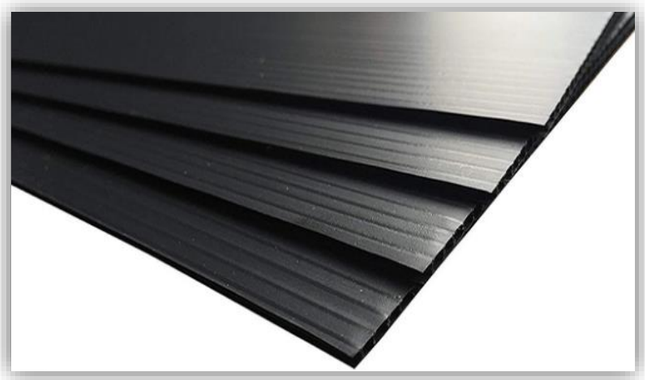
Example: Lift Protection with Ply board and pre-made cut-outs

Additional protection will be provided by 5mm cordex sealed to the ply board with cloth tape, were waste is transported the cordex will be further protected with 1000guage polythene to provide a clean wipe able surface that can be cleaned post works.

RETAINED WALLS

Retained walls will be suitably protected by Rhodar Demolition (Please Ref: Rhodar soft strip RAMS) – Were walls are present within controlled asbestos working zones the Rhodar asbestos teams will make further provisions for protection.

5mm Cordex will be fixed into position using cloth tape, masking tape will firstly be applied along fix points and cloth tape fixed to the masking tape to ensure when removing cloth tape it does not damage surfaces below.



Example: 5mm Cordex

Further protection will be installed on top of the cordex provided by 1000guage polythene this will be fixed into position using cloth tape, providing a clean surface post asbestos removal works.

Example: 1000guage Blue Polythene

ORIGINAL FEATURES "WATCH AND BRIEF"

Rhodar Operatives are to be made ware via a toolbox talk that during any removal works if any subsurface original or suspected original features are uncovered works will cease and the area made safe to allow for Heritage to conduct a watch and brief as features are exposed and advise on how to proceed with the removal of suspected Heritage items

RHODAR HOLD POINT 1

Heritage Items – During removal works all operatives are to be aware that they may uncover original features of the building that we are not currently aware of, this could be original building finishes below the asbestos tiles to be removed – if any suspected heritage items are discovered, operatives will cease works, make safe and if required obtain a reassurance air test conducted by Socotec – this will then allow Heritage to enter the location and review the discovered items

TOOLBOX TALK TO BE UNDERSTOOD AND SIGNED BY ALL OPERTAIVES BEFORE PROCEEDING FURTHER WITH WORKS

EMERGENCY PROCEDURES

The site supervisor will liaise with the appropriate representative where applicable, and will ensure that all operatives on site are aware of the site specific fire exits and fire escape routes and existing site hazards

On hearing the fire alarm (continuous bell ring and/or air horns) leave the work area immediately and leave the building by the nearest available exit highlighted on the Plan of Work drawing.

AFFF fire extinguisher to be placed outside the air lock/enclosure. Two First Aid Kits will be on site at all times at the work area and in the vehicle.

Please Note: Emergency Response may be delayed due to the ongoing covid-19 epidemic

WELFARE

Rhodar welfare will be located in the Basement 2 rest area

Welfare will include a suitable seating area, hot and cold running water, toilet facilities and facilities for warming food.

Due to the current COVID-19 situation breaks will be staggered and social distancing measures maintained – as per Rhodar site procedures document V3

The welfare facilities are for the use by Rhodar teams and other onsite contractors, Rhodar operatives are advised to bring their own cutlery and cups – Microwaves and kettles can be used by all.

Hand sanitizers are situated inside the welfare unit and are to be used on entry and exit – disinfectant sprays and wipes will be located internally and operatives should ensure all surfaces are wiped clean following there use – used wipes and towels to be disposed of in bins provided

PERSONAL DECONTAMINATION

1. Within the exclusion zone a decontamination zone shall be formed. This will be demarcated with red and white barrier tape and warning notices on display.

2. A Rhodar Hygiene Station including a bucket/sponge and H-Type vac shall be sited within decontamination zone for decontamination purposes. This will include vacuuming dusts from overalls and wiping down half face respirators.

Example: Rhodar Hygiene Station

Carpets within the personal decontamination zone will be protected with cordex, any waste routes will also be protected with cordex, this will be tape down to avoid tripping, were cordex is laid on items to be retained masking tape will firstly be laid prior to cloth tape to ensure no sticky residues are left over.

RHODAR HOLD POINT 2

Once setup works are completed, the supervisor is to again fully brief the operatives on the task, the specific removal method, and specific waste routes. This will be addressed via a toolbox talk.

TOOLBOX TALK TO BE UNDERSTOOD AND SIGNED BY ALL OPERTAIVES BEFORE PROCEEDING FURTHER WITH WORKS

METHOD OF WORK – REMOVAL OF WEATHERMASTER BOXING

1. The operative will carry out the works in a half face mask, white overalls and steel toe cap safety boots.

Example: Rhodar operative ready to enter exclusion zone

2. Operatives wearing white type 5/6 coveralls, half face Respirator and standard gloves will enter the work area and commence with the removal of the weather master boxing.
3. Hand tools will be used to firstly remove the screw fixings holding the boxing in place

4. The boxing will then be carefully lifted out of position and the underside sprayed with surfactant applied using a hand held sprayer.
5. The boxing will then be placed directly into a red asbestos waste bag for disposal as asbestos waste.
6. The internal structure of the weather master is to be retained and will be cleaned to allow surveyors to view how this interacts with external façade panels

RHODAR HOLD POINT 3

The Supervisor is to ensure that all operatives involved with the weather master removal are aware that the internal structure is to be retained

TOOLBOX TALK TO BE UNDERSTOOD AND SIGNED BY ALL OPERTAIVES BEFORE PROCEEDING FURTHER WITH WORKS

7. Operatives will then conduct an environmental clean to the sub surface of the weather master, H-Type Vacuums will be used to remove any dust and debris.
8. Any larger debris will firstly be sprayed with surfactant and then placed directly into a red asbestos waste bag.
9. Waste bags will then be cleaned externally and double bagged into a second clear bag, wiped down then transported to the onsite skip via a lockable wheelie bin in accordance with **CSP AA/08 (page 136)** Operative will utilise the lift to take the waste to ground level and transport to the skip**.**
10. Once complete operatives will complete a fine clean of the entire area including any protective sheeting and surfaces using tak rags and H-type vacuums.
11. The Supervisor will then conduct a thorough visual of the work area minimum of 20 minutes.
12. A reassurance airtest will then be conducted by the clients appointed analytical consultant (Socotec) prior to the removal of respirator zones and segregations

During the removal of the weather master boxing and environmental cleaning works – Socotec will conduct continues background and reassurance air monitoring, should fibre levels become close to or above the control limit all works will cease and the works re-evaluated.

WASTE REMOVAL

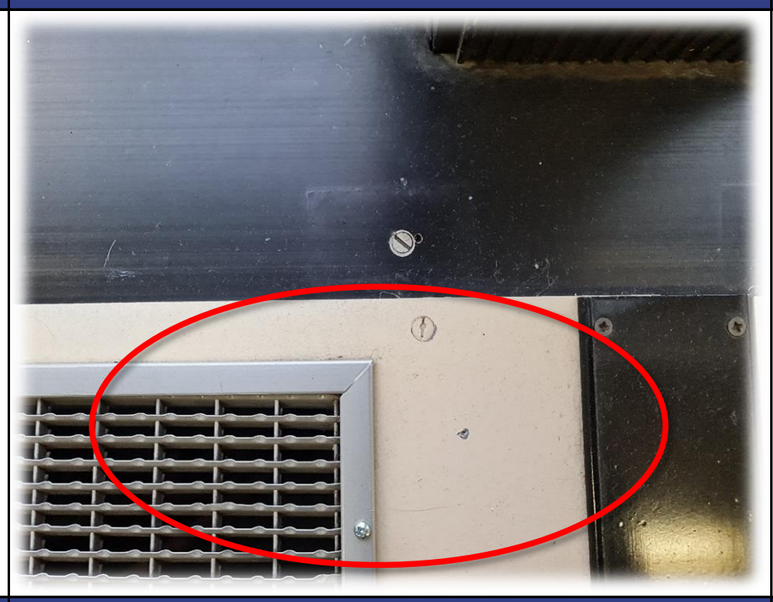
All waste will be removed from the work area as per **CSP AA/08** (page 136). Operatives will utilise a sealed wheeled bin to transport the waste from the works to the onsite skip.

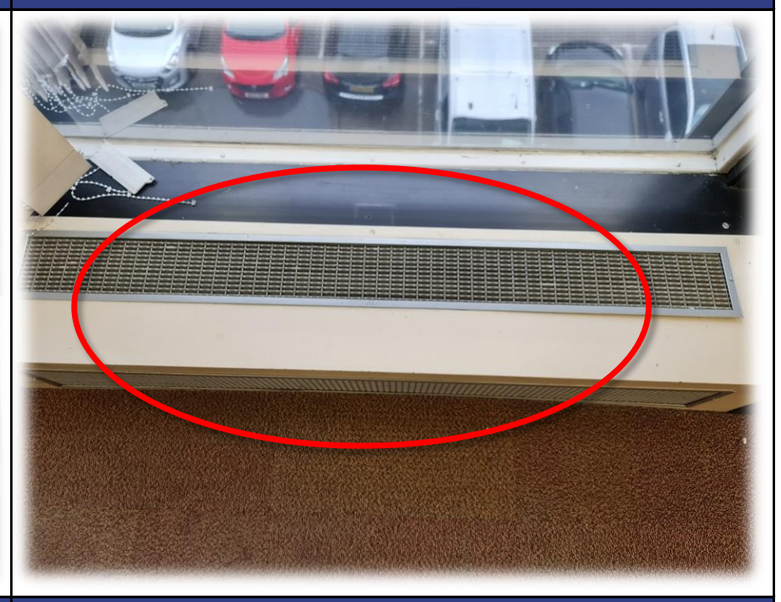
SITE CLEARANCE

On completion of all works we shall conduct a site clearance involving the removal of all plant, equipment and carryout a site walk around with the analyst to verify that all work areas, transit routes are cleared.

On completion a post remediation checklist should be completed by the supervisor covering all areas of work.

14.0 - Photographs





15.0 - Risk Scoring Matrix

Site Job Number:	1.0	Assessor Name:	Donavan Slee	Assessor Signature:	
Date:	13/10/2020	Verifier Name:	Adam Howard	Verifier Signature:	

Risk Rating Categories & Scoring Matrix. (Assessment to be completed in line with HSEQMS Section No. 20 Risk Assessment)

LIKELIHOOD		Loss, accident or illness could occur under freak conditions. The situation is well managed and all reasonable steps have been taken. Ideally this should represent normal operations.	The situation is well managed. However occasional lapses will occur. This also applies to situations where people are required to behave in a safe manner and are well trained with documentation in place.	Controls in place but loss may likely during normal operation due to emergencies or non-routine events, where unsafe conditions are not controlled or unsafe acts are unchallenged.	Serious failures in management controls. The effects of human behaviour or other factors could cause and accident but it is unlikely without other unsafe conditions present.	Absence of any Management Controls. If conditions remain unchanged there is an almost 100% certainty that an accident will occur.
SEVERITY		1	2	3	4	5
Near miss or minor property damage	1	1	2	3	4	5
Causing significant injuries (cuts, sprains, bruises e.g. First aid case)	2	2	4	6	8	10
Causing temporary disability (Lost Work Day Case / Lost Time Accident, fractures etc.)	3	3	6	9	12	15
Causing permanent disability or long life latency health risk (e.g. loss of limb, sight or hearing, industrial diseases)	4	4	8	12	16	20
Causing death to one or more people. Loss or damage is such that it could cause serious business disruption (major fire, explosion or structural damage)	5	5	10	15	20	20

NB. Select values for Severity (S) and Likelihood (L) according to risk and add values to related columns found in assessment tables. S x L = Risk Rating.

Activity	Significant Hazard/Risk Include environmental risks & any residual risks identified by designers.	Severity - S	Likelihood - L	Risk - S * L = ?	Persons at Risk = ✓				Control Measures Actions required to eliminate, substitute, reduce, or control risks.	S	L	Risk	Action To Be Taken By
					Site Team	Public	Subcontractor	Other					
Working with an ACM (non-enclosure works)	Exposure to Asbestos: Spread of asbestos Hazardous waste	5	4	20	✓ ##				All works will be carried out in accordance to the plan of works and RHODAR standard procedures to reduce the air borne fibre level. All operatives will be wearing the appropriate RPE throughout the works as identified within the plan of works Sprays of fibre suppressant to be utilised. RPE/PPE Full / part time reassurance/ leak testing Personnel monitoring Respirator zone segregation Double bag waste to secure and dispose in line with waste management processes	5	2	10	Supervisor
General Works	Injury to eyes Exposure to COSHH substance(s) Injury to hands Contact with Sharps	3	3	9	✓				Safety glasses / goggles to be worn for the duration of the works. COSHH controls to be applied, including wearing of gloves as required for work with substance hazardous to health. Gloves to be worn for duration of the works. Cloth/Grip Glove (General Purpose)	3	1	3	Supervisor
Use of Hand Tools	Contact with sharp edges resulting from failure of hand tools i.e. loose heads, handles etc. Contact with blade of open bladed tools whilst cutting and shaping visqueen sheeting for formation of enclosures Contact with scraper of bladed scrapers removing textured coatings	4	3	12	✓ ##				Supervisor to ensure that the correct tools are being used for the tasks. Use scissors/safety knives with concealed blades and safety bladed hand tools where possible All open bladed knives in use to have re-tractable blades Visual inspection of equipment prior to use ensuring defective tools withdrawn from service All blades on open bladed knives to be retracted when not in use Users to wear gloves wear possible to reduce risk from injury Bladed scrapers to have blades removed when scrapers not in use Cuts to be made away from user	4	2	8	Supervisor
Manual handling	Removal of Waste / risk of dropping / spill / litter Handling of Plant and materials	4	3	12	✓				All waste will be removed using appropriately signed bags and will be loaded to a manageable weight for the individual, assessed by competent persons. Carrying of plant to be a two man operation Use of rubble trucks/wheelie bins/stair trolleys or other carrying equipment to be used. Housekeeping, double bag and clean up process	4	2	8	Supervisor

Use of 24v cordless drill	Dust Eye Injuries	5	4	20	✓##				Cordless drill to be checked that it is maintained in good working condition. Low noise equipment to be used and ear protection to be worn when identified by equipment manufacturers. Eye protection to be worn (Full Face mask/safety glasses) Vibration to be limited by design and servicing the equipment along with the wearing of warm padded gloves. Vibration measurement is 11m/s² r.m.s allowing 25 minutes trigger time per day to reach Exposure Action Value and 1 hour and 39 minutes per day to reach Exposure Limit Value. Supervisor to monitor and record exposure times to ensure Action value is worked to and employing task rotation where applicable.	5	2	10	Supervisor
				0								0	
General Activities –interaction with others	Coronaviruses are common across the world. Typical symptoms of coronavirus include fever and a cough that may progress to a severe pneumonia causing shortness of breath and breathing difficulties.) Can cause more severe symptoms in people with weakened immune systems, older people, and those with long-term conditions like diabetes, cancer and chronic lung disease.	5	5	25	✓##	✓##	✓##		Always carry tissues and use them to catch coughs and sneezes Dispose of tissues in waste bins immediately following use Wash hands regularly using soap and water Alternatively use sanitizer gel regularly Avoid touching face especially around mouth, nose and eyes unless hands have been sanitised Avoid close contact with other people as much as possible, especially those displaying symptoms – as one would with other flu viruses. Germs can live on surfaces for several hours or longer. Disinfect work surfaces, rest room tables etc regularly The use of disposable respirators is not recommended as any benefits are not been fully determined.	5	2	10	
Slips, Trips & Falls	Slips and Trips Loose leads Poor house keeping Chemical spillage Uneven floors	4	3	12	✓	✓	✓		The surrounding area to the work site is to be kept clear of excess materials, well lit & all staff will wear safety shoes. Any potential trip hazards will be removed or highlighted if they can't be removed. Clean any spillage immediately. All cables to be elevated where possible and taped. Tape cables crossing the floors. Cover floors with cordex/boards Use spill kit to clean up.	4	1	4	Supervisor

Vehicle / Plant Movement	RHODAR staff and other site personnel coming into contact with the vehicle Leaks / spills of oil	5	3	15	✓	✓	✓		Vehicle reversing activities are to be avoided wherever possible. Where reversing activities are unavoidable particularly whilst manoeuvring decontamination units / vehicle movement will be supervised by the Site Supervisor or a banks man. Follow site traffic routes at all times. Operatives are to keep to designated walkway routes at all times. Cross roads at designated points only. Vehicles must be parked in a manner that does not cause obstruction to other vehicles or pedestrians. Do not use mobile phones whilst driving Vehicle and pedestrian routes to be segregated. All staff working outside including contractors will wear hi-visibility clothing. A competent (only if has banksman training) / designated operative to be appointed by the client to act as banksman during all vehicle movements. Use spill kit to clean up spills.	5	1	5	Supervisor

Appendix A - Manual Handling - Required for all Handling Tasks

Standard Site Manual Handling Operations

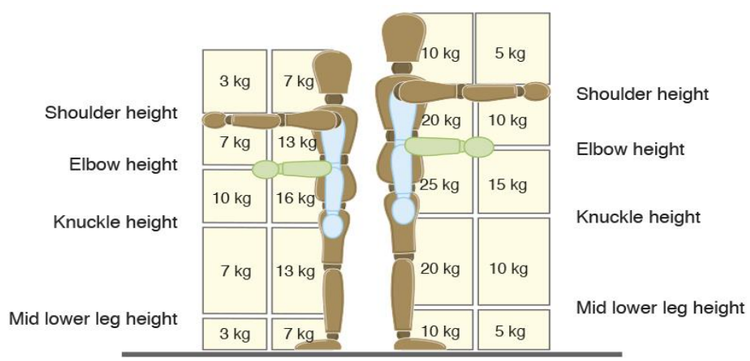
MANUAL HANDLING

MH-001 - Lifting and Moving 10kva Transformers
MH-003 – Un/Loading Wheeled Bins With Bagged Asbestos
MH-007 – Lifting and Handling 110v Site Distribution Boards
MH-013 – Lifting and Handling Negative Pressure Units NPU 1500
MH-019 – Lifting, Handling and Carrying Paints, Liquids and Chemicals up to 20kgs / 20ltrs
MH-021 – Lifting, Handling and Carrying Boxed Items up to 20 kgs
MH-023 – Lifting, Handling and Carrying Power Tools up to 10 kgs
MH-025 – Lifting, Handling and Carrying the 25 kg Power Breaker
MH-027 – Lifting, Handling and Carrying Bagged Items up to 25 kgs
MH-030 – Lifting, Handling and Carrying Mac Vac's

Specific Site Manual Handling Operations

Category	Item	Length	Width	Depth	Weight	Lift (If applicable)	Control Measures	Distance if Transfer	Staircare Required	Transfer Control Measures

Manual Handling Guidance



Principles of Safe Lifting Practice

Take Two - Carry out a self assessment of each load

• Think about the load, does it need carrying, or can a trolley or other equipment be used instead?
• Think about what you are going to do before you do it:
• Where is the load going?
• Does it need more than one person to lift safely?
• Is there enough room? How can you avoid having to twist when Lifting or putting the load down?
• Think about you, are you dressed for the job?
Tight clothing can restrict movement.
• Do you have a health problem that might make you vulnerable to injury?
• If you are not sure of how heavy a load is, test it out before you try to lift it. Gently rock the load to test the weight and its distribution
• Remove any obstructions/tripping hazards from the route
• Work out where and how to take a rest if moving a heavy load over a long distance
• Are there any sharp edges? If so, then you may need to wear gloves to protect yourself

• If load is too bulky, look at ways in which to break it down

Lifting Technique

•Place your feet apart to make a stable base for lifting.
•Placing one leg forward in front of the other will help improve balance and control.
•If you have to reach out to the load, try sliding it towards you before attempting to lift it
If lifting from a low height, bend your knees, NOT your back.
•Stand correctly, keeping your back straight and your chin tucked in.
•Keep your shoulders level and facing the same direction as your hips.
•Lift smoothly, avoiding jerking movements.
•Lift your head first – your back then straightens automatically.
•Grip the load with your palms, rather than just your fingers – If you need to change your grip, rest the load first.
•Keep your arms close to your body to help support the load.
•Do not allow the load to obstruct your view – seek assistance if it is too large.

Moving the Load

•When carrying, keep the load as close to the body as possible.
•Keep the heaviest side of the load closest to your body.
•When pulling or pushing, use your body weight to move the load – if possible, let the momentum of the load do some of the work e.g. when pushing trolleys.
•When pulling, keep you're back straight and your arms as close to your body centre line as possible.
•Avoid twisting your body when turning.

All manual movement of items and materials will be undertaken in accordance with the manual handling assessment utilising manual handling aids where specified. Where items are designated for manual handling operatives are to notify the site supervisor in the event there are not comfortable with either the weight or dimensions of a load in question where the supervisor will undertake a review of the assessment and implement additonal controls and procedures or assign more suitable resource to the task.