



CONSTRUCTION (DESIGN & MANAGEMENT)

REGULATIONS 2015

CONSTRUCTION PHASE PLAN

**32 – 38 Oldham Road
Manchester
M4 5EF**

ABGi Construction Limited
New Maxdov House
130 Bury New Road
Manchester
M25 0AA

	NAME	POSITION	SIGNATURE & DATE
PREPARED BY			
CHECKED BY			
APPROVED BY			

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REVISION STATUS INDEX

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UPDATES

This plan needs to be reviewed / updated by Project Manager at least monthly or if there is any significant change to process or activity.

This plan may be amended by hand at any time if there is any significant change to process or activity.

CONSTRUCTION PHASE HEALTH AND SAFETY PLAN

OBJECTIVE:

It is the intention of ABGi Construction Limited to fully develop the Construction Phase Health & Safety Plan in order to meet with the requirements of the CDM Regulations 2015.

This Plan will continue to be developed throughout the ongoing construction period and be available for inspection at any time, this will be kept within the Project Manager's office.

Signed

B Caloe – Contracts Director

Revisions

This plan may be subject to revisions during the course of the Project for applicability and to take account of any lessons learned or changes to legislation or standards. No revision to this requirement shall be made without consent from ABGi Construction Project Manager. This shall be carried out as a controlled process and depending on the information to be updated; this may be carried out either as a full document re-issue or just individual amendment pages being issued.

RECORD OF MONTHLY REVIEW

Review Date	Amendments Required Yes/No	Name	Job Title	Signature

HEALTH AND SAFETY CHECKLIST AT CONTRACT COMMENCEMENT

To be completed by the Project Manager

ITEM		COMPLETE (✓)
1.0	Form F10 must be complete and displayed in a prominent position. Site office notice board	
2.0	Copy of Employer's Liability Insurance details to be displayed. Site office notice board	
3.0	Copy of Health & Safety At Law poster to be displayed on Site office notice board	
4.0	Site logistics plan to be displayed. Site office notice board	
5.0	All registers for scaffolding, excavation, lifting appliance to be kept up to date. Project Manager	
6.0	Project Manager to ensure that site induction procedures are carried out, that all persons working on site have read and understood them, and signed to confirm they have understood it's contents.	
7.0	Accident Book along with company internal procedures, to be filled in as and when necessary by Project Manager and forwarded on to Safety Department.	
8.0	Project Manager to ensure that no work activities take place without being in possession of work risk assessment and were necessary a method statements prior to any sub-contractor carrying out any works.	
9.0	Test certificates for site establishment / offices and the Test certificates for the electrical supply from a generator / existing supply must be displayed – both require re-testing - cabins (every 12 months) and the electrical supply installation (every 3 months) – certificates must be provided on a unique fully referenced official document	

DESCRIPTION OF PROJECT

1.1. Project Description

The demolition of the existing Cheshire Cheese Public House and construction of a 7storey building to form 38 residential units, 1 retail unit to the ground floor, together with associated car and cycle parking. The site is bounded by other apartment blocks and public highways. The development will be served by electricity, telecom services and water from the local infrastructure.

The apartments are contained within a 7storey (38 apartments) building of in-situ concrete construction served by a passenger lift and internal stairs. The buildings have facing brick elevations with punched windows.

Location

32 -38 Oldham Road, Manchester, M4 5FE

For all high and medium risk work activities being carried out on this project the following information will be obtained and approved from all contractors prior to their work commencing. These elements include:

- Company Health and Safety Policy
- Work Method Statement (specific to project)
- Risk Assessments (that comply with the Management of Health and Safety at Work (Regulations) 1999)
- COSHH details (specific to project)

CONSTRUCTION ACTIVITIES

Demolition

Piling

Sub Structure

Superstructure RC Frame

Building Envelope

Internal fit out

1.1.1. Programme Details and Key Dates

Commencement date; TBA

Duration; 65 weeks

1.2. Key Participants

Client	Contact	Tel
Cheshire Cheese Assets Limited New Maxdov House 130 Bury New Road Manchester M25 0AA	A Bruner	0161 773 1048

Principal Contractor	Contact	Tel
ABGi Construction Limited New Maxdov House 130 Bury New Road Manchester M25 0AA	B Caloe	0161 773 1048

Architect	Contact	Tel
AEW Architects & Designers Limited The Zenith Building, Spring Gardens, Manchester, M2 1AB	A Rainford	0161 214 4370

Contract Administrator & Client QS	Contact	Tel
ABGi Project Management New Maxdov House 130 Bury New Road Manchester M25 0AA	C Andrews	0161 773 1048

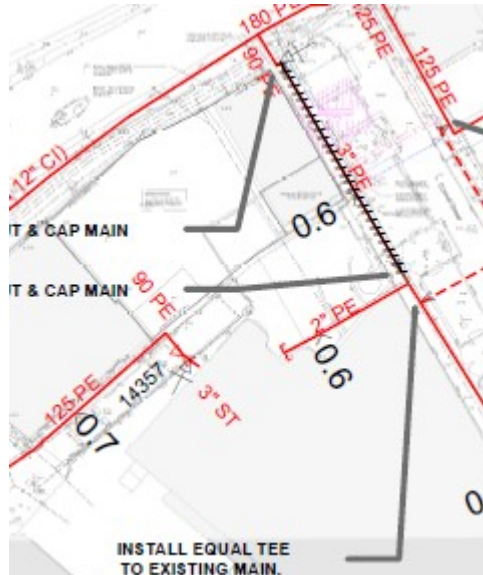
M&E Engineer	Contact	Tel
Hurstwood Environmental Consulting Artia Spa Road Bolton BL1 4AG	Paul Chambers	01204 770041

Principal Designer	Contact	Tel
Nationwide CDM 87 Silverdale Rd Gatley SK8 4RF	Jon Deering	0161 485 8386

Health & Safety Executive	Contact	Tel
Redgrave Court Merton Road Bootle L20 7HS		0151 951 4000

Local Authority	Contact	Tel
Manchester City Council		0161 6691677

1.3. Existing Records/Plans



DETAILING NOTATIONS - PROPOSED			
LP GAS MAIN		ASSET ID CHANGE POINT	
MP GAS MAIN		VALVE	
IP GAS MAIN		CHANGE POINT - METHOD / DIA	
HP GAS MAIN		CAPEND	
NRHP GAS MAIN		SYPHON	
PROPOSED PIPE - LP		TRIAL HOLE	
PROPOSED PIPE - MP		SERVICE	
PROPOSED PIPE - IP		EXCAVATION PIT	
ABANDON - LP		TREE	
ABANDON - MP		EXCAVATION REFERENCE / PROCEDURE	
RELAY		PRESSURE REFERENCE	
TRANSFER		UNIT REFERENCE	
RISE - PROPOSED		>= 1.2m DEPTH TRENCH SUPPORT REQUIRED	
CONNECTION		CAUTION SYMBOL	
WORK LOCATION		Out Of Standard Service	
CAUTION ELECTRIC			

2. MANAGEMENT OF THE WORK

2.1. Management Responsibilities

The day to day responsibility for implementation of this plan and the procedures described in the company Health & Safety Policy document is that of the Project Manager.

Monitoring of the health and safety performance and compliance will be carried out by the PM, along with regular visits from the Safety Manager, in his role of health and safety advisor for the company.

Our Health and Safety representative will visit the project on a periodic basis, the frequency of the visits is dictated by the level of risk associated with the works at the time. The norm would be to visit on a fortnightly basis but never less than monthly. For routine visits a health and safety advisers report would be completed and left with the Project Manager for action and filing as appropriate. Occasionally the Health and Safety Adviser would be invited to site to assist with some technical issue, deliver training or other similar interventions, these are classed as coaching visits and may not result in any the production of documentation.

The Project Manager will “close out” safety managers issues on site audits within stipulated time and the Contracts Director B Caloe must sign off when all issues have been addressed.

2.2. Health and safety goals for the Project and arrangements for monitoring and review of health and safety performance

Copy of company Health & Safety Policy to be displayed on site outlining safety procedures.

The objective is to carry out the works described in the specification to the design and contract timescale, having due regard to the welfare and safety of the staff without significant risk to others who may be affected by the works on this project.

The principles of this plan are to make it a living document which will be reviewed throughout the project period, this is the responsibility of the Project Manager.

Project Manager, to ensure that site induction procedures are carried out, that all persons working on site have read and understood them, and signed to confirm they have understood the content.

The Project Manager, will hold regular subcontractor trade coordination meetings for anyone on site to air their views on any safety issues, this is backed up by an open door approach and induction procedures were upon it is possible for dialogue at any time.

Safety Inspection by Others

Whenever Sub-contractors own Safety Manager visits site, they must report their arrival and departure to the company and site management must report his findings to ABGi Construction Project Manager.

Improvements and Prohibitions Notices

In the event of an Improvement or Prohibition Notice being served under the Health & Safety at Work Act by a HSE Inspector, the company site supervisor must be notified immediately along with company safety officer, any contractor must comply fully with the terms of such notice.

2.3. Arrangements

2.3.1. Regular liaison between parties on site

Fortnightly meetings will take place with ABGi Construction site management and representative of each subcontractor.

2.3.2. Consultation with the workforce

ABGi Construction encourage the active participation of everyone on site to improve health and safety. All personnel are free at all times to consult with those responsible for safety.

- All contractors will attend the contractors pre-contract meeting where safety is on the agenda regarding roles and responsibilities.
- All contractors will attend the weekly/fortnightly progress meeting where health and safety is in the agenda.
- A set of site rules is specified at the site induction.

2.3.3. The exchange of design information between the client, designers, Principal Designer and contractors on site

- This is controlled via our design manager who will vet all drawings and apply the hierarchy of design risk control to them.
- We will request that all construction risks and residual risks which cannot be designed out, get recorded on the working drawings.

2.3.4. Handling design changes during the project

Design Team meetings will take place fortnightly any design change details will be passed to all designers along with all relevant subcontractors.

2.3.5. The selection and control of contractors

Only contractors who are on the ABGi Construction Limited database will be used for this project, this also applies to suppliers.

Anyone who is not on the database will have to complete the competence questionnaire form, to enable them to prove they have given adequate provision for health and safety.

2.3.6. The exchange of health and safety information between contractors

Minimum fortnightly meetings will take place with ABGi Construction site management and representative of each subcontractor.

2.3.7. Site security

The following plan should be read in conjunction with the Site Logistics Plan.

The logistics plan has been created by the Site Management Team for this specific project and is monitored and updated by the project manager.

The plan will be formally reviewed on a weekly basis as part of the Weekly Site Inspection check list by a suitably experienced member of the site team.

Whilst the logistics plan covers the major issues of traffic management, working areas, vehicle and pedestrian segregation and compound areas, it is anticipated that there will be instances where work will take place (or short term lay down areas are needed) that requires a temporary specific plan. The Project Manager., as part of programme control will determine, in advance, when such instances are to occur and he will ensure that a suitable mini logistics plan is developed by ABGi Construction in conjunction with the relevant subcontractor and signed off by the relevant package manager. This plan will also incorporate a job specific/site specific method statement and risk assessments as necessary to ensure that members of the public and other third parties are not put at risk.

The arrangement for deliveries for materials to site is as follows:

All deliveries will be via the ABGi Construction compound area as detailed on the site logistics plan. They will then have to report to the Project Manager. Prior to the delivery being unloaded.

- The contractor delivery needs must be raised and discussed between site management and the contractor at the Pre Contract Meeting
- The contractor must contact the Site Manager to schedule a delivery at least 24 hours in advance
- The package manager will ensure that logistics are suitable before the delivery arrives

Segregation of Works

See site logistics plan for segregation on site of plant and personnel.

- Limited access for large articulated vehicle deliveries
- Challenging pedestrian access limitations

2.3.8. Site induction

See site specific induction.

2.3.9. On site training

Training and Competence

ABGi Construction management have undertaken training in the CDM Regulations and have obtained Site Management Safety Training Scheme (SMSTS) Certification which is approved by the HSE.

Sub-contractors will only be sent enquiries once they have been vetted. The list of all sub-contractors is kept on a data base at head office.

Any new sub-contractors brought on board will have to be vetted through our internal procedures.

Prior to sub-contractors starting on site, they will all visit the site to undergo a pre-commencement meeting with our site management team.

All sub-contractors must also ensure that any secondary risks identified on the project are brought to the attention of ABGi Construction management straight away.

2.3.10. Welfare facilities and first aid

Site Compound

The site establishment for this project is illustrated on the Combined Site Accommodation Plan / site logistics plan

Welfare Facilities

All welfare facilities for this project will comply with the Construction (Design and Management) Regulations 2015.

First Aid

It is the policy of ABGi Construction that on all projects at least one of the site management team will be a fully trained qualified first aider.

It is the responsibility of site management to maintain the 'first aid' kit and to notify all parties as to its location on site.

The location of kits and first aider is to be included in the site induction, which is to be undertaken by all site personnel.

All the above is in compliance with the Health & Safety (First Aid) Regulations 1981 and the approved Code of Practice (ACOP L74).

2.3.11. The reporting and investigation of accidents and incidents including near misses

All accidents must be notified to the company site management and recorded in the on-site Accident Book along with notification to ABGi Construction Safety Manager with the completed internal accident form. Major injury accidents (defined under RIDDOR 2013) must be notified immediately to ABGi Construction site management. A complete copy of F2508 must be submitted to site management on completion no later 10 days after the accident. Any accident or incident arising from site operatives and involving damage or injury to a third party must be reported immediately to ABGi Construction site management. A written detail report and investigation to be carried out by site management. All dangerous occurrences (defined under RIDDOR 2013) must be notified immediately to the company site management, completed copy of F2508 must be submitted to the site management on completion no later than 10 days after the incident.

Note - Any such notification or reports do not release the contractors from their obligations under statute law report the above matters to HSE by the quickest possible means - by telephone immediately following the incident/accident/dangerous occurrence/notifiable disease. Principal designer be informed of any RIDDOR reportable occurrences.

2.3.12. The production and approval of risk assessments and written systems of work

Risk Assessments and Method statements (RAMS) must be produced for all elements of work. The Project Manager must vet and approve the RAMS prior to works commencing and all personnel involved must be consulted and briefed on the content of the RAMS and sign as 'read and understood'.

2.4. Site Rules

- Suitable gloves to be worn at all times (EN388) as stipulated by risk assessment
- Ladders may only be used as a last resort when other access equipment are not practicable
 - ladders may be used for short duration light work only via risk assessment and permit
 - personnel must maintain 3–point contact and work with waist below top of ladder (see BS EN 131)
 - permission from Project Manager is required to use ladders and an adequate risk assessment to be completed
- Vehicles to reverse only when absolutely necessary and be supervised by a banksman
- Burning of any material is prohibited at all times
- All visitors to report to site management prior to entering site and must log in (including deliveries)
- Site management to carry out site induction to all personnel/visitors
- Persons thought to be under the influence of none prescription drugs or alcohol will not be allowed to work.
- All accidents to be reported and recorded as soon as possible, no matter how trivial
- Only certificated (CITB or equivalent) operatives to operate items of plant
- Smoking is prohibited at all times on site and will only be allowed in designated smoking areas (see logistic plan for location of smoking area)
- 5 mph speed limit on site for all vehicles
- Consent must be obtained off the Project Manager, before the use of pneumatic drills or other noisy appliances
- All material storage and waste must be within site boundaries only
- Subcontractors must clear away waste and surplus materials to agreed areas, skips or off site so as to maintain a safe tidy environment (charges will be made if not actioned)
- Combustible materials must be cleared away in such a manner so as not to cause a fire hazard
- ABGi construction will not tolerate any form of discrimination, victimisation or horseplay on site.
- NO mobile phones to be used on site except by supervisors on company business who must be situated in a safe position away from moving plant etc
- Additional rules as necessary

2.5. Fire and Emergency Procedures

Fire

ABGi site management, to ensure that there are fire appliances on site and in good working order and to ensure that our policy is completed and displayed.

The site and office fire plan can be found in Appendix E. This will be reviewed as site/project advances. Location of all fire fighting appliances and emergency procedures to be highlighted on site fire plan. Fire plan to be in full compliance to the Construction (Design and Management) Regulations 2015 and the regulatory reform (fire safety) order 2005.

Telephone

Various mobiles are available in the site offices for emergencies:

Construction Director	B Caloe	07500 818494
Project Manager:	TBA	
Site Engineers	TBA	

Hospital/Accident/Emergency

Accident/Emergency Department at:

Manchester Royal Infirmary

Oxford Road

(Approx. 1.9Miles)

Manchester

M13 9WL

Tel: 0161 276 1234

Or 999

Police/Fire

In an emergency dial 999

3. ARRANGEMENTS FOR CONTROLLING DUST

Dust

ABGi Construction will take all necessary measures to avoid creating a dust nuisance during the works. Measurements to prevent dust will include the following practices:

- The use of dust suppression plant whilst demolition works take place
- The enclosure of material stock piles at all times and the damping down of dusty materials using water in dry spells.
- The provision of easily cleaned hard standings for vehicles.
- Control of cutting or grinding of materials using dust suppression.
- Materials will be stored away from the site boundary where possible.
- To prevent mud from contaminating the surrounding highways attention will be paid to providing clean vehicle off loading points.

Where remedial action is necessary ABGi Construction shall implement a cleaning action which may require the use of road sweepers or jet washing of wheels.

3.1 Safety Risks

3.1.1. Delivery and removal of materials (including waste) and work equipment taking account of any risks to the public, for example during access to or egress from the site.

All vehicles that are transporting waste from site will be fully sheeted prior to them leaving the site boundary. Due to site constraints waste segregation will be carried out off site at a local waste transfer station

Housekeeping

It is paramount on this project that all contractors keep materials in an orderly and tidy fashion. Any debris or waste arising from his works to be cleared away as soon as practical to a designated area defined by site management. Any waste not cleared away causing a hazard will be cleared by ABGi management.

3.1.2. Dealing with services – water, electricity and gas, including overhead power lines and temporary electrical installations

Responsibilities

Project Manager shall:

- a) Ensure a competent utilities coordinator is appointed, which shall be recorded in the Construction Phase Plan
- b) Ensure adequate resources have been allocated for ensuring that this Work Instruction can be complied with including time to complete the relevant tasks or functions as outlined below
- c) Ensure that a competent work force is appointed to carry out surveys and safe digging operations
- d) Authorise blanket permit when proven that there are no services on the site or in a defined work area
- e) Periodically review the arrangements for avoiding underground utilities

Utilities coordinators and shall:

- a) Ensure that they are competent to undertake the role and perform the function of Utilities Coordinator
- b) Contact known utility companies as necessary and obtain all current utility drawings pertaining to the work area
- c) When working on an existing building obtain and review the “as built” drawings or Health and Safety file and discuss, if possible with the caretaker or Facilities Manager
- d) Ensure that the drawings are in colour, legible and to a suitable scale (1:250 (electric))
- e) Ensure that appropriate applications are made for isolations or diversions as necessary in consultation with the Project Manager
- f) Pass on relevant information to the Designer, Principal Designer, Site Manager and contractors as necessary

- g) Where unchartered utilities are identified ensure that they are accurately recorded on the "As built" drawings

Site Engineer shall:

- a) Ensure no breaking of ground activities are undertaken without a completed "Permit to dig" being in place
- b) Ensure that the person responsible for completing and managing the permit to dig is competent and adequately resourced
- c) Ensure that suitable and sufficient surveys have been undertaken to identify the presence of underground utilities
- d) Ensure that the requirements of the Work Instruction have been met prior to allowing breaking of ground activities
- e) Review and approve the risk assessment and any method statement prior to issue of a permit to dig to ensure that as a minimum it reflects the safe digging practices detailed in this Work Instruction

Interface with the Principal Designer

The Principal Designer will also need to be kept informed of any utility diversions to enable construction of the project.

Procedure / guidance**Competence****Utilities coordinator –**

- a) Three years management / engineering experience
- b) Able to read and understand utility drawing legend
- c) Able to understand construction drawings
- d) Review and update the utility owner's contact details

Utility surveyor – Sub contractor

- a) Three years' experience of completing utility surveys
- b) Specific training in the use of the equipment e.g. user training provided by the manufacturer. Note; Unit 1 of the street works qualification does not provide sufficient knowledge and practical exercise
- c) Able to read and understand utility drawing legend.

Permit issuer –

- a) Three years management experience
- b) Able to read and understand utility drawing legend
- c) Able to understand construction drawings
- d) Preferable to have received a CAT & Genny manufacturer's user training

There may be hidden services that have no accurate drawn or written information to confirm their location. Contractors must undertake service scans before proceeding with work around elements likely to conceal services to ensure that the work can be undertaken safely. Contractors must ensure that existing services to nearby locations are maintained throughout the construction period. Any temporary connections must comply with relevant health & safety standards, avoiding the exposure of live services or other uncontrolled hazards.

The Principal Contractor must ensure that all contractors observe the relevant service authority's recommendations for working by existing services. Do not interfere with their operation without the written consent of the service authority.

Electricity/Services

All utility drawings obtained, detailed CAT & Genny surveys, hand dug trial holes, as necessary and appropriate protection of all underground services must be carried out prior to excavation work. Contact the overhead power line owner and seek advice and guidance.

Only battery or 110 volts leads and portable equipment, all leads and equipment to comply with the Electricity at Work Regulations in respect of testing of this equipment. All portable mains powered equipment shall be subject to a 3 monthly Portable Appliance Test (PAT).

3.1.3. Accommodating adjacent land use

N: Oldham Road
E: Cornell Street / occupied low rise apartments and townhouses/ hard landscaping
S: Occupied apartment block
W: Occupied apartment block

3.1.4. Stability of structures whilst carrying out construction work, including temporary structures and existing unstable structures

Anticipated Temporary Works:

- Construction of the crane base, All works will be in accordance with the TWD and checked by a independent third party
- All scaffolding must be erected in accordance with the design. ABGi site manager will been trained in scaffold appreciation in order for him to supervise the weekly inspections completed by a competent person.
- Scaffold towers and podiums to be erected by PASMA trained operatives. All towers are to be 'scaff tagged'.
- The principal contractor will assess the requirements for temporary works at all stages of construction and instigate procedures with respect to:
 - Appraisal of temporary works requirements
 - Preparation and issue to the Temporary Works Designer of a Design Brief

- Design of temporary works design
- Compliance with Construction (Design and Management) Regulations 2015
- Appointment of Temporary Works Co-coordinator
- Erection / Installation of temporary works
- Inspection of temporary works
- Permit to load / unload
- Removal of temporary works

Duties and responsibilities of staff

Temporary works require the appointment of a number of parties to ensure the operations are pre-planned and executed in documented stages. The appointments are to be recognised in writing at the outset of the temporary works to be undertaken.

A recorded pre-start meeting is to be held prior to temporary works commencement and each individual responsibility to be included within the relevant section of the Construction Phase Plan.

Individual appointments, responsibilities and duties

Responsibility

- Control and co-ordination of all Temporary Work activities
- Communication of information to all parties involved
- Recording of all correspondence and documentation relating to Temporary Works
- Progress monitoring of all stages
- Verification of the design and construction methods

Duty to ensure

- Understand the requirements of BS 5975 and accessibility of the document
- Company procedures are followed
- Design is checked against the requirements of BS 5975 and any other relevant standards
- Methods and materials satisfy the requirements of the design
- Changes and corrections to the design are verified and carried out as required
- Inspections are performed at critical stages during construction and before loading
- Permanent works are robust enough to permit the removal of the Temporary Works
- Permission is given to load and dismantle temporary works on F075 Temporary works permit.
- Assess competence of TWS
- Be available to provide advice and guidance

Authority

- To enforce the requirements of the company management system
- To enforce the requirements of the design brief

To enforce the requirements of the approved design

Temporary Works Designer (TWD)**Who is suitable?**

- Experienced engineers of proven design competence

Temporary Works Supervisor (TWS)

A site manager

- An engineer
- A named Sub-contractor supervisor or someone of equivalent competence e.g. knowledge & experience

Responsibility

- To ensure work is carried out safely at all times – during erection, use and dismantling of Temporary Works
- To contribute to the design brief including methods, skills, access, plant etc
- To supervise erection, loading and removal are in the correct sequence and as per the design
- To activate the checking procedures

Duty

- Ensure the safety of the structure and workforce
- To understand the design detail
- To liaise fully with the Temporary Works Coordinator
- To advise the Temporary Works Coordinator of any changed or unforeseen conditions
- To ensure that there are no changes to any detail without prior consultation with the relevant parties

All scaffolding must be erected in accordance with the design. ABGi Construction Project Manager has been trained in scaffold appreciation in order for him to supervise the weekly inspections completed by a competent person.

Scaffold towers and podiums to be erected by PASMA trained operatives. All towers are to be 'scaff tagged'.

3.1.5. Preventing falls

Correct access equipment is required, such as, MEWPs, low level scaffold towers, podiums – step ladders may only be used in restricted areas where no other more suitable equipment may be utilised. All step ladders may only be used after a ladder permit has been completed.

3.1.6. Control of lifting operations

ABGi Construction will ensure that adequately trained competent people are available to plan, carry out and supervise the lift

Before any lift takes place ABGi Construction or its subcontractors will ensure:

- there are risk assessments / lifting plan / berthing study completed adequately
- the ground conditions are sufficiently stable
- the load is within the mobile or tower crane capacity at the point of lift
- the load to be lifted is stable
- the load is secure
- the load is slung correctly
- the area of travel of the load is clear of all non-essential personnel
- the radio communication is operating correctly
- the designated lifting points / spreader beams are being used correctly
- the atmospheric conditions are suitable for lifting the load (wind speeds / gusts)
- the test certificates for crane and all lifting equipment are suitable
- the certification is suitable for all personnel (driver/slinger/signaller /appointed person/lift supervisor)

All work will be subject to CPA Model Conditions for Lifting and will be performed in accordance with:

- 1 BS7121 Safe use of Cranes and Lifting Operations parts 1 & 3
- 2 Lifting Operations and Lifting Equipment Regulations 1998
- 3 The Provision and Use of Work Equipment Regulations 1998 Reg 3 to 11

The risk assessment prepared for this work will be in accordance with:

- 1 The Management of Health & Safety at Work Regulations 1999 Reg 3

It is the role of the Project Manager/foreman to ensure that the weekly inspection of all lifting appliances gets recorded on the relevant form, and entered up in the Health & Safety Folder.

3.1.7. The maintenance of plant and equipment

Plant

All plant used by contractors must be safe, guarded and equipped with safety devices wherever required. All plant requiring all round vision must be provided with it.

It is the role of the Site Team to obtain all current relevant test certification and the driver's competence for driving plant. At the site induction stage, check it and place it in the plan.

3.1.8. Traffic routes and segregation of vehicles and pedestrians

Traffic Management

Site Traffic Route Plan

See logistics plan in the Construction Phase Plan.

Site Risk Assessment for:

Risk Assessment Key Hazards

Demolition

Live Services

Fire Procedures

Working at Height

Slips trips and falls

Formwork collapse

Deep excavations

Heavy plant over turning

Cranage and slinging (Mobile and tower)

Control Measures

Good Housekeeping

No Smoking

Isolate Services – Reduce power to 110v and battery tools where possible

TW design checks

Suitable earthwork support

Suitably trained personnel

Vehicle Reversing Arrangements Guidelines

The company is aware of the hazards involved in the reversing of transport and drivers/bankpersons must follow the procedures below:

- Banksperson must make themselves known to drivers and inform them that they will be giving the commands.
- Banksperson must ensure that drivers understand the signals involved in reversing procedures.
- Drivers/Banksperson must keep reversing movements to a minimum
- Banksperson to be in full view of the driver at all times.
- Only drivers are allowed to undo the tailgate or back opening of their vehicle.
- Drivers are only allowed to carry passengers if the vehicle is designed and insured for that purpose.

Above arrangements will be explained and agreed to by all personnel during their site specific induction.

Management Plan for Access and Egress

For the duration of this project it will be the responsibility of the site management to monitor and control the movement of vehicles arriving and leaving all designated points on this site.

The way we will achieve this aim is by the following:

- Meetings to be held with our sub-contractors to discuss the above, records kept on file
- Site plan to be produced for the movement of vehicles and plant
- Site plan to indicate site offices and welfare arrangements
- Site plan to indicate the pedestrian movement from site offices, along with any physical barriers which need to be put into place
- Site to ensure that all deliveries through access gate, they get challenged and told of procedures we are operating including site speed limit and pedestrian routes
- For any other access routes being operated by sub-contractors, their traffic control procedures to be on file
- Finally, site to monitor and control all activities relating to site access and egress
- Should the occasion arise where this plan needs to be reviewed, then site to carry out same process as the above format

PM_ to sign off and date the above procedures.

Sign:

Print:

Date:

Any further comments:

.....

.....

.....

.....



32-38 Oldham Rd
Manchester
M4 5EF

Site Logistics Plan

Enabling Phase - 1

	Site welfare
	Vehicle Gates (Inc Gateman)
	Loading zone, wagons to remain on hard standing
	Site Hoarding (Licence to be applied for with MCC)
	Traffic Flow
	<u>Pedestrian</u> crossing point
	Buildings to be Demolished
	Skip Location
	Pedestrian Access



3.1.9. Storage of materials (particularly hazardous materials) and work equipment

- Do not store materials adjacent to perimeter site hoarding
- Other contamination escape into waterways

3.1.10. Any other significant safety risks

- Demolition of existing buildings
- Work at height
- Isolation of existing services both mechanical and electrical
- Tower crane / Mobile cranes
- Heavy plant overturning
- Working near water
- Site entrances are near to residential properties

3.2 Health Risks

3.2.1 The removal of asbestos

- A full R&D survey to be carried out

3.2.2 Dealing with contaminated land

Follow guidance set out in Engineering correspondence

3.2.3 Manual handling

All material will have to be delivered via an internal staircase and so manual handling requirements must be controlled by site team, specific manual handling RA to be in place.

3.2.4 Use of hazardous substances, particularly where there is a need for health monitoring

See subcontractor rams

3.2.5 Reducing noise and vibration

See HSG Guidance and monitoring.

3.2.6 Exposure to UV radiation (from the sun)

UV radiation is considered occupational hazard for people who work outdoors.

Outdoor working:	outdoor working
Duration:	65 weeks
Season:	spring / summer / autumn
Risk:	Medium