

Demolition and Construction Environmental Management Plan

Land off Beech Fields Place, Solihull, B90 1UT



Prepared	Ervin Hoxha	Title	Operations Manager	Signature		Date	27/11/2023
Checked & Approved	Petrit Cekrezi	Title	Director	Signature		Date	27/11/2023

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1 INTRODUCTION

1.1 The works consist of, Soft Strip the outbuildings, Demolition Works and removal of the waste.

1.2 In compliance with regulation 12 of the Construction (Design Management) Regulations 2015, Mega Construction (Midlands) Ltd. have prepared the CPP.

As a Principal Contractor we will plan, manage and monitor the demolition phase.

We will prepare, develop and implement a written Plan, site rules, method statement and risk assessments. These will be completed before the demolition phase commences.

Other contractors such as asbestos removal will be given copies of the relevant parts of the Plan.

We will ensure the competence of the other sub-contractors and their employees to carry out the works.

We will consult with all employees and liaise with the Principal Designer regarding the on-going demolition works.

Copies of any changes will be issued to the Principal Designer for his approval and insertion to the Plan.

Liaison with other contractors not under our control will be initial contact with their site agents and meetings if required.

Documentation will be collected throughout the project at the Site Office to be submitted at the end of the contract. The site has no live services, so currently no disconnection service will be required. Position of any works not carried out, air test certificates for asbestos removal and disposal documentation along with any other relevant paperwork will be kept at the site office.

1.3 This CPP will form the management of Health and Safety for the demolition phase of the project.

1.4 Any other contractor or visitor to the site must comply with all arrangements laid down within the CPP.

1.5 The Method Statements and Risk assessments can be reviewed, amended and approved by; Site Manager or a member of Mega Construction (Midlands) Ltd management team.

2 EXISTING ENVIRONMENT

The site is located adjacent to Beech Fields Place, Tidbury Green, Solihull, B90 1UT. The surrounding area comprises of existing residential buildings on Lowbrook Lane and a brand new residential development by Miller Homes surrounding the site.

The site area is approximately 0.5 ha which consists of mainly land that has not been previously developed. The site contains two single storey outbuildings, one timber frame outbuilding with rendered walls and dual pitch roof covered with concrete tiles and the other outbuilding being of single brick walls with dual pitch roof covered with concrete tiles. The site has had a site investigation, ecology survey and Arboricultural surveys and they have not identified any protected species being present within the outbuildings.

The proposed works will result in the demolition of the existing outbuildings and redevelopment to provide 9no. detached bungalow, detached garages, landscaping and access road associated with the development.

3 RESTRICTIONS

3.1 A Demolition and Refurbishment Asbestos Survey has been carried out and asbestos has not been found. A copy of all asbestos survey will be present in the site office, for operatives to view.

3.2 Under our duty of care, should we expose any other material that may be suspect, we will stop work, vacate the area and inform the Principle Designer.

3.3 Possible noisy working hours to be implemented. All works to abide by the guidelines set out by the Solihull Council Noise Pollution <https://www.solihull.gov.uk/Environment-and-animals/Noise>

- Monday to Friday 8.00am - 6.00pm
- Saturday 8.00am - 1.00pm
- Sundays & Bank Holidays - no noise

4 MANAGEMENT TEAM

4.1 Client:

Kingslea MIA Homes
222 Alcester Road
Moseley
BIRMINGHAM
B13 8EY
Dinesh Chudasama – 07968 185819

4.2 Principal Contractor

Mega Construction (Midlands) Ltd
184b Haslucks Green Road
Solihull
B90 2LN
Petrit Cekrezi - 07853 221200

4.3 Principal Designer:

Architectural Design Consultancy Ltd
The Priory
London Road
Canwell
Sutton Coldfield
B75 5SH
Nick Kirkland 01543 262999

4.4. Health & Safety Adviser:

SHEQ Consultants Ltd
14 Bluebell Close, Woodford Halse, Daventry, England, NN11 3HS
sheqltd@btinternet.com
Allen Blincow - 0777 5840 233

4.5. Site Manager:

Petrit Cekrezi
Mega Construction (Midlands) Ltd
184b Haslucks Green Road
Solihull
B90 2LN

5 SITE MEETINGS

5.1 The principal contractor will organise and set the arrangements for weekly site safety and progress meetings, minutes of these meetings are to be taken and published to all participants. Any significant H&S issue is to be highlighted to the Site Manager, PD & Client immediately.

5.2 Proposed Agenda:

- a) Safety: Accidents and Incidents Revise method statements
 - Revise risk assessments
 - Revise safety plan
- b) Progress
- c) Labour and Plant
- d) Any other business
- e) Date for next meeting

5.3 Information:

Site notices and safety signs:

Form F10 Notification of Project

Health and Safety Law poster

Principal Designer

Notice Board information

Employers Liability Insurance

Emergency procedures Safety Policy

Location and Timings of Tool Box Talks

First Aider

Location of First Aid Box

5.4 Monitoring and Review:

Joint consultation (Client, Management, Safety Adviser and Employees) Method Statement Review Procedure.

6 PROJECT TIMESCALE

The proposed timescale for the project is one week for the demolition of the outbuildings and 52 weeks for the construction of 9no. bungalows not including a 2 week mobilisation period or public holidays and Christmas shutdown.

7 STANDARDS

7.1 All works are to be carried out to the standards laid down in the various Statutory Instruments and British Standard Codes of Practice.

- a) Health and Safety at Work Act 1974 etc
- b) Construction Design and Management Regulations 2015
- c) Management and Health and Safety at Work Regulations 1999 amended regulation 22 -2003

- d) Personal Protective Equipment at Work Regulations 2002
- e) Provision and Use of Work Equipment Regulations 1998 am 2002
- f) Manual Handling Operations Regulations 1992 am 2002
- g) Control of Asbestos Regulations 2012
- h) Asbestos (Licensing) Regulations 1983 am 1998
- i) BSI ACOP 6187 Demolition 2011
- j) Lifting Operations and Lifting Equipment Regulations 1998
- k) Workplace (Health, Safety & Welfare) Regulations 1992
- l) Control of Noise at Work Regulations 2005
- m) Control of Substances Hazardous to Health 2002 as amended 2005.
- n) Work at Height Regulations 2005
- o) Control of Vibration at Work Regulations 2005 (Hand - Arm Vibration)
- p) Control of Vibration at Work Regulations 2005 (Whole – Body Vibration)

8 SELECTION PROCEDURES

The principal contractor, Mega Construction (Midlands) Ltd, will request competence levels to all potential contractors to assess their competency and whether they can make adequate provision for Health and Safety.

9 BASIC PERSONAL PROTECTIVE EQUIPMENT FOR SITE

9.1 Head Protection:

Head Protection must be worn at all times whilst working within the demolition area. Exemptions are plant operatives whilst in their machines which will have cab protection fitted, when in the canteen and office areas.

9.2 Foot Protection:

All operatives and visitors in the demolition area are to wear protective footwear, which will consist of a boot with at minimum, a steel toecap and mid- sole protection to the required standard – BS 1870.

9.3 Eye Protection:

Eye Protection is to be worn by all operatives where there is the likelihood of splinters or dust being created, and also all operatives where Oxy/fuel burning equipment is being used. Goggles and shields will be made available on site for issue on an individual basis. **Eye protection is task specific, operatives should carry safety glasses with them but are only required to wear them if the task in had requires the use of safety glasses.**

9.4 Skin Protection:

Operatives handling any of the demolition arisings are to wear gloves at all times. Water and hand cleanser will be made available so that operatives can wash before eating, drinking and at the end of the working day. If a rash appears on the skin, it must be reported to the site foreman or supervisor and then to the company's safety adviser. The operative should then see his own doctor and report results to company.

9.5 High Visibility:

Yellow high visibility waistcoats or coats depending on weather conditions or type of work being carried out to be worn at all times.

10 ENVIRONMENTAL

10.1 Noise:

Noise monitoring will be carried out at each of the site boundaries on a regular basis to ensure the works will not disturb residents.

Noise levels within the site will be as far as reasonably practical kept to 75dba (a). This will be achieved using well maintained plant and demolition equipment. All demolition work will be done by stripping the building using hand tools to minimise any excessive noise. The timber walls will also stripped using hand tools whereas the single brickwall will be pulled inwards onto the site using a 6 ton excavator.

All works will be in accordance with the guidelines set out by the Solihull Council Noise Pollution <https://www.solihull.gov.uk/Environment-and-animals/Noise>

- Monday to Friday 8.00am - 6.00pm
- Saturday 8.00am - 1.00pm
- Sundays & Bank Holidays - no noise

10.2 Dust:

As in all demolition operations, there will be dust, this must be dealt with at all times whilst the demolition is in progress. The temporary water supply should be sufficient for spraying the tools of the excavators carrying out the work to suppress any dust.

10.3 Control of substances Hazardous to Health (COSHH)

Any items that are recovered from the outbuildings that may appear as asbestos containing material, must be treated with caution until they have been checked and identified. Once

substances have been identified a COSHH assessment must be written. They will be disposed of to an appropriate licensed tip; the COSHH assessment may have to be issued to the operators for the licensed tip as a record of what the materials are and where they were found. The company must also keep a record of all COSHH assessment and copies forwarded to the Principal Designer.

10.4 Disposal of Waste

All waste generated during demolition and construction process will be disposed of using licenced waste carriers and there will be no burning of waste on site.

10.5 Carry over of dirt and mud off site

The disposal of dirt and mud off site will be done with grab lorries and before they are allowed to leave the site, they will have to undergo a wheel wash process to control and minimise any mud from the wheels spreading on the road when the vehicles leave the site. The access road inside the site will be laid with hardcore material. Any water from the wheel washing process will be contained within the site away from the access road onto Beech Fields Place. Should there be any mud or soiled water escaping the site, steps will be taken to prevent any further incidents and the road will be swept up and cleaned with water by hand and if necessary, a road sweeper will be hired to clean Beech Fields Place.

All the above steps will be maintained throughout the construction phase.

11 HIGH RISK ACTIVITIES

11.1 Areas of Works:

Whilst the temporary and permanent propping works are being performed there will be signs, warning others of the works being carried out. The stability of the structure will be maintained at all times all works will be in accordance with the Method statement. Advice will be obtained from structural engineer with regards to any specific works.

11.2 Transport:

All lorries will be guided by a nominated guide/signaller, banksman will be in place during vehicle movements to eliminate the risk to public and non site traffic.

All deliveries and collections will be made off the road within the site compound.

11.3 Waste:

All waste is to be collected by carriers who are licensed. Waste certificates are to be collected and filed for inspection on request.

11.4 Public Utilities and Services:

All utility companies must be informed by letter that work is to take place, local area drawing of services/utilities should be made available to the demolition contractor, to enable them to locate all services.

11.5 Removal of Asbestos Materials

If asbestos materials are identified within the outbuildings to be demolished, they will only be removed by a specialist contractor all in accordance with an approved method statement. All asbestos materials will be stored in accordance with CAR2012. A copy of the ASB5, Demolition & Refurbishment Survey and RAMS associated with the works will be kept in the site office, for all operatives to view.

11.6 Working at Heights

Working at heights will only be carried out if the fall from height cannot be designed out and alternative method of works cannot be carried. This will be in accordance with the method statement and working at height rescue plan.

12 HEALTH AND WELFARE

Mega Construction (Midlands) Ltd will set up welfare facilities, by means of Mobile Welfare Cabin units, incorporating an area to hold site meetings, a mess/welfare unit for the operatives and portable toilets. This will be situated within the site boundary.

13 FIRST AID

13.1 First Aider for Project:

Petrit Cekrezi

13.2 Duties of First Aider:

1. Administer, where possible, any emergency treatment of casualties and ensuring an ambulance or Doctor is called if the circumstances warrant.
2. Ensuring proper stocks of first aid items are kept and that the first aid box or cupboard is clearly identified and readily and speedily accessible.
3. Assist the injured person to complete their entry into the accident book or if they are unable due to their injury, do it for them.
4. Informing the supervisor and Managing Director of any reportable accidents/occurrences as soon as possible.

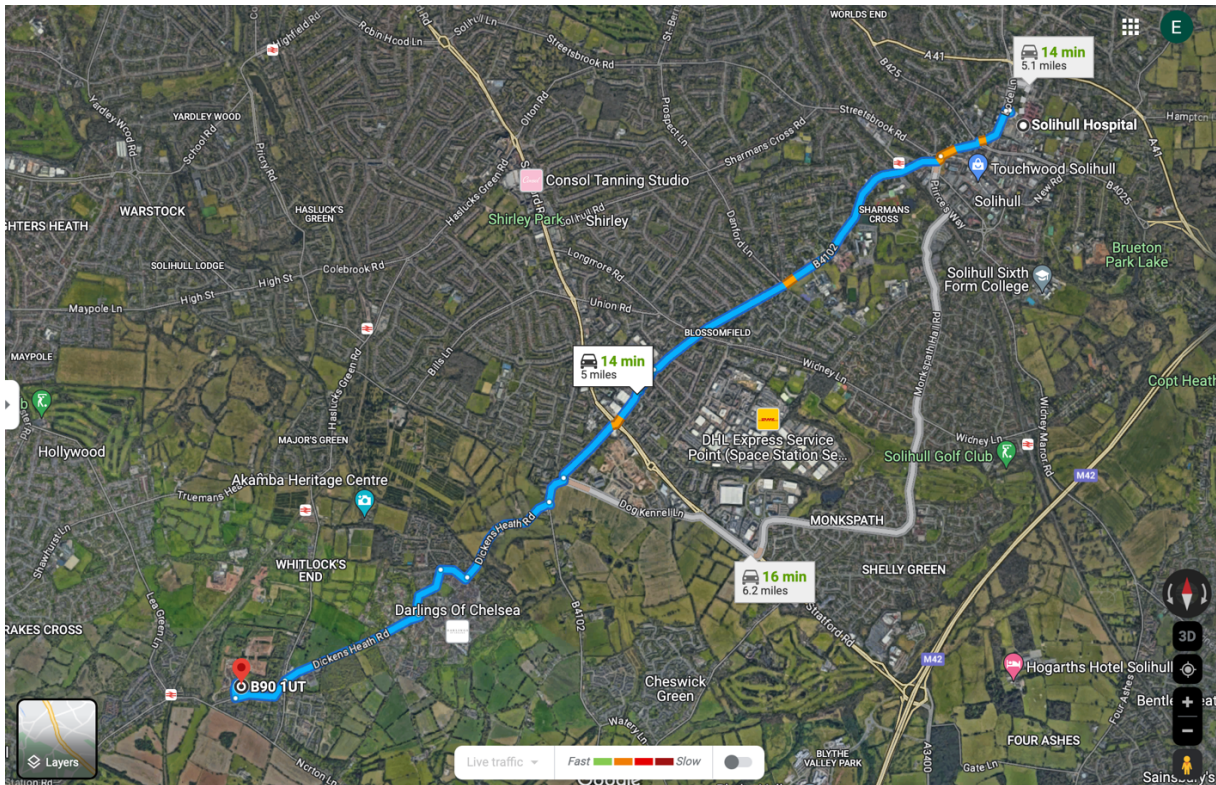
13.3 Accident and Emergency Procedures:

All accidents that result in injury shall be recorded in the accident book by the injured person or by some other person acting on his behalf. In the case of a major injury, it must be reported to the enforcing authority by the quickest practicable means i.e. telephone then followed by written report within 10 days. It is the responsibility of the Health & Safety Manager to carry out

the notification and complete the report. It is, therefore, essential that he be notified immediately and Project Manager, Principle Designer & Client.

A&E Hospital: Lode Lane, Solihull, West Midlands, B91 2JL.

Tel: 0121 424 2000



13.4 Fire

During the strip out of the buildings, air horns will be placed at each working area to act as a temporary fire alarm system.

While the buildings are being demolished banksmen will be in place. If a fire is suspected, the operative will shout “fire, fire, fire” and relevant actions taken.

In the event of fire, the following procedures must be carried out: Person discovering the fire must:

1. Send someone to ring the emergency services (999)
2. Attempt to put the fire out using a fire extinguisher if trained and not putting people at risk.
3. If the fire cannot be extinguished, warn others and make their way to the fire assembly point
4. Occupants of any adjacent buildings will be informed if a fire breaks out.

Fire Officer (Site Manager) should carry out head count.

Operatives at gate to guide fire services to fire.

Under no circumstances should anyone go back to work until the emergency services have given the all clear.

The Fire Assembly point is at the Site Entrance.

14 HEALTH AND SAFETY TRAINING

14.1 Induction:

Before the operatives begin work the Site Manager will carry out a Site Induction.

Induction Criteria:

- 1) Location of Site
- 2) The Project and the Health & Safety Plan
- 3) Site Rules
- 4) Emergency Procedures and First Aid
- 5) Welfare Facilities
- 6) Personal Protection Equipment
- 7) Method Statement
- 8) Identify Fire Assembly Point

14.2 Safety Training

As demolition operatives, all operatives working on the project must have up to date Certificates of Training Achievement in one of four categories; Demolition Apprentice, Demolition and Refurbishment Operative, Demolition Topman or Demolition Chargehand, or equivalent in date certificate. They must also have a current Safety Awareness Certificate, copies of which to be on site. Up to date training will be carried out on site by:

- a) C.I.T.B.
- b) Prime Safety

14.3 Tool Box Talks:

These will be carried out on a weekly basis; the talks will be given by the Site Foreman, Site Manager and on specialist subjects, the site Safety Adviser. The subjects chosen will be relevant to the operations being carried out on site. All persons attending must sign the Tool Box Talks register on completion of the talks.

14.4 Statutory Notices:

These will be displayed on the wall of the canteen.

15 SITE SAFETY RULES

1. The precise method of demolition to be adopted, the timing and sequence should have been decided before any work commences.
2. Make sure that you have been properly instructed on these items and never deviate from the sequence laid down.
3. Before starting any activity check the public utility services – gas, electricity and water have been disconnected.
4. The plan of work must include all necessary precautions to prevent inadvertent collapse during the demolition. Be aware of the need for shoring or temporary support at any stage of the work.
5. Never remove any part of a structure unless you have been instructed to do so.
6. Never climb up or down the scaffolding: use ladders or stairs provided.
7. DO NOT ENTER obstinate parts of a structure which refuse to collapse, they may do so unexpectedly.
8. If you discover old thermal insulation lagging, sprayed insulation coating or insulating board, assume it contains asbestos and alert the Site Manager. DO NOT disturb the material until it has been confirmed free of asbestos.
9. Report any unforeseen hazards to your supervisor immediately, warn your work-mates and evacuate the area.
10. DO NOT ENTER enclosed or confined spaces without proper authority and adequate precautions.
11. See that all ladders are properly secured, even if it is only in use for a short period of time.
12. Any voids or openings in floors require securely fixed covers or, alternatively, need to be fenced off.
13. Keep the site tidy and store materials in safe positions. TIDINESS is one of the foundation stones of safety.
14. Personal hygiene is important when working on demolition. Always wash hands before eating, drinking and at the end of the working day. Protective Clothing: Wear it, Stay Safe, Healthy and Within the Law.
15. No smoking will be allowed within the site boundary. Staff will be directed to remove corporate clothing and sign out of site and smoke away from the site premises.
16. Radios and MP3 players, Ipod's are prohibited in the works areas.
17. Use of mobile phones to be restricted to the welfare area.

Site Safety Rules - Notice Board

You Must Comply With the Following At All Times Or Risk Prosecution

Head Protection:

Objects falling from a height present the major hazard against which helmets are most commonly provided. There are other hazards against which helmets are useful, such as sources of abnormal heat, splashes from fractured overhead pipes and where there are projections and low headroom. They may also afford head protection when a person falls.

FIND OUT which head protection is appropriate for your job and WEAR IT Hearing Protection:

Excessive noise can damage hearing and although other forms of direct noise should be considered first, there could be occasions when the wearing of hearing protectors is desirable or indeed imperative.

FIND OUT what hearing protection is provided for your job, LEARN how and when to use it and WEAR IT1

Eye protection:

To lose one's sight is not just being unable to see, it means complete re-training for life. The major hazards to eyes are flying particles particularly from grindstones, dust, chemical splashes, molten metal, glare and radiation.

FIND OUT what eye protection is provided for your job, LEARN how and when to use it, and WEAR IT

Foot Protection:

The feet and ankles are very susceptible to twisting, to crushing and penetration injuries, to burns from chemicals and other hot substances. Specially designed shoes, boots and Wellingtons are manufactured, which incorporate such devices as steel toes, steel or non-metallic mid-soles, and which can be impervious to mineral and vegetable oils, fats, paraffin and certain chemicals.

FIND OUT what protective footwear is appropriate for your job, WEAR IT1

Any changes to general P.P.E. will be itemised in the Method Statement.

Site Safety Rules – Visitor Procedures

There is to be no smoking on site whatsoever, smokers will have to book out and smoke outside the boundary. Mobile phones only to be used in the Welfare area, radios are not permitted on site.

Security:

At all times whilst demolition is in progress, the site entrance must be closed to prevent casual visitors from entering the site.

Procedure:

1. Visitors must wait at the gate until an escort is available to take them to the office, or telephone the number on the gate for access, where their reason for the visit or scope of works on site will be noted.
2. A copy of the site rules must be shown to the visitor and they should be asked to read them.
3. The visitor must sign-in to the daily site diary confirming that he/she has read and understood the rules.
4. The visitor must then be escorted at all times around the site and when finished signed-out and escorted to the gate.
5. At no times shall any visitors be allowed to wander around the site unescorted.
6. Site rules for operative and visitors must be adhered to at all time

16 PROHIBITION/IMPROVEMENTS NOTICES

If a Prohibition or improvement Notice is issued by an Inspector or an Enforcement Authority Health and Safety Executive (Local Authority), the person to whom it is issued must comply immediately with any instructions on the notice and contact the Director responsible for safety either directly or through their appropriate manager.

The Safety Supervisor will be informed by the director responsible for safety and asked to provide advice on the measures necessary to comply with the notice. When remedial measures have been taken, the Site Manager responsible for safety will contact the Inspector who issued the notice to inform him/her of action taken. This will be confirmed in writing.

Any prohibition/improvement notices are to be highlighted to the Principal Designer and Client immediately.

17 MONITORING AND REVIEW OF THE CPP

All employees are encouraged to bring to the notice of the site management any areas where the Safety Plan appears to be inadequate. Any suggestions made will be considered.

Arrangements will be made for the Safety Adviser to advise prior to commencement.

The Safety Adviser will visit the site at irregular intervals during the project time scale and will report on any hazards, defects or breaches of regulations observed during the visit.

Operatives will advise site management on any changes in methods or materials to be used and of the results of new Risk Assessment.

Any amendments to the CPP will be recorded in the form at the bottom of the plan, and copies of any documents will be stored on site and within the office.