

# Demolition Phase Health, Safety & Environmental Plan

*20 Fairhaven, Kirkby*



Revision 2 : 10<sup>th</sup> July 2023



## Demolition Phase Health, Safety & Environmental Plan

This Demolition Phase Health, Safety & Environmental Plan has been written to enable the Project Team to easily follow through and implement the steps required to ensure we meet the projects goals.

### Project Goals:

- to complete the project with zero accidents and incidents,
- to complete the project on time,
- to complete the project on budget.

### Document Layout:

The Plan has been split into the following headings:

|   |                                       |
|---|---------------------------------------|
| A | Document Control                      |
| B | Project Personnel                     |
| C | Project Details                       |
| D | Health & Safety                       |
| E | Environmental                         |
| F | Communication, Information & Training |
| G | Emergency Procedures                  |

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## A : Document Control

### A.1 Demolition Phase Health, Safety & Environmental Plan

- Forshaw Demolition Ltd Contracts Manager and Site Supervisor are responsible for implementing and updating the Demolition Phase Health, Safety & Environmental Plan. All amendments will be recorded in [Table 2](#).
- The Master Demolition Phase Health, Safety & Environmental Plan will be located within the site office.

**Table 1**

| PREPARED BY                                      | REVIEWED BY                                           | ISSUED TO                                        |
|--------------------------------------------------|-------------------------------------------------------|--------------------------------------------------|
| NAME: <a href="#">Jeremy Wolstencroft</a>        | NAME: <a href="#">David Churchward</a>                | NAME: <a href="#">Lee Russell</a>                |
| POSITION: <a href="#">Operations Manager</a>     | POSITION: <a href="#">Health &amp; Safety Manager</a> | POSITION: <a href="#">Project Manager</a>        |
| SIGN:                                            | SIGN:                                                 | COMPANY: <a href="#">Livv Housing Group</a>      |
| DATE: <a href="#">24<sup>th</sup> April 2023</a> | DATE: <a href="#">24<sup>th</sup> April 2023</a>      | DATE: <a href="#">24<sup>th</sup> April 2023</a> |

**Table 2**

| REVISION | DATE | PAGE | DESCRIPTION OF REVISION | AMENDED BY |
|----------|------|------|-------------------------|------------|
|          |      |      |                         |            |
|          |      |      |                         |            |
|          |      |      |                         |            |
|          |      |      |                         |            |

## A.2 Site Health & Safety Folder

- A site Health & Safety Folder will be held on site. The purpose of the folder is to hold recorded site specific SHE information, as required to comply with internal procedures, including the Demolition Phase Health, Safety & Environmental Plan and legal requirements. Blank forms for respective requirements can be found at each section.

| Section | Form | Description                                                                                                      |
|---------|------|------------------------------------------------------------------------------------------------------------------|
| 1       | A.01 | Personnel Training & Induction Records                                                                           |
| 2       | A.02 | Daily Activity Briefings                                                                                         |
| 3       | A.03 | Blank RAMS                                                                                                       |
| 4       | A.04 | Toolbox Talks                                                                                                    |
| 5       | A.05 | PPE Issues                                                                                                       |
| 6       | A.06 | Work Equipment and Plant Inspection : PUWER                                                                      |
| 7       | A.07 | Scaffold and Mobile Tower Inspection                                                                             |
| 8       | A.08 | Lifting Equipment Inspection : LOLER                                                                             |
| 9       | A.09 | Weekly Health & Safety Inspections                                                                               |
| 10      | A.10 | Complaints Log                                                                                                   |
| 11      | A.11 | Permit to Work : Hot Works                                                                                       |
| 12      | A.12 | Permit to Work : Excavations                                                                                     |
| 13      | A.13 | Permit to Work : Confined Spaces                                                                                 |
| 14      | A.14 | Permit to Work : Roof Works / Slate Removal                                                                      |
| 15      | A.15 | Certificate of Practical Completion<br>COSHH Register and Assessments<br>Insurance, HSE Notification, Site Rules |

## A.3 Drawings

- All drawings relating to this project can be found in [Appendix 2](#). It is the joint responsibility of the Contracts Manager and Site Supervisor to update the Drawing Register as and when new or amended drawings are issued.



## B : Project Personnel

### B.1 Client's Team

|                              |                                                                                                  |                |
|------------------------------|--------------------------------------------------------------------------------------------------|----------------|
| <i>Client:</i>               | <b>Livv Housing Group</b><br>Lakeview<br>Kings Business Park<br>Prescot<br>Merseyside<br>L34 1PJ | Tel:           |
|                              | Contact:                                                                                         | Mob:<br>Email: |
| <i>Principal Designer:</i>   | <b>Livv Housing Group</b><br>Lakeview<br>Kings Business Park<br>Prescot<br>Merseyside<br>L34 1PJ | Tel:           |
|                              | Contact:                                                                                         | Email:         |
| <i>Project Manager:</i>      | <b>Livv Housing Group</b><br>Lakeview<br>Kings Business Park<br>Prescot<br>Merseyside<br>L34 1PJ | Tel:           |
|                              | Contact:                                                                                         | Mob:<br>Email: |
| <i>Principal Contractor:</i> | <b>Forshaw Demolition Ltd</b><br>King House,<br>James St,<br>Westhoughton,<br>Bolton,<br>BL5 3QR | See overleaf   |

## B.2 Principal Contractor's Team:

*Demolition Contractor:* **Forshaw Demolition Ltd**  
King House, James Street,  
Westhoughton, Bolton, BL5 3QR

Tel:  
Email:

*Managing Director:*

Tel:  
Email:

*Contracts Director:*

Tel:  
Email:

*Contract Supervisor:*

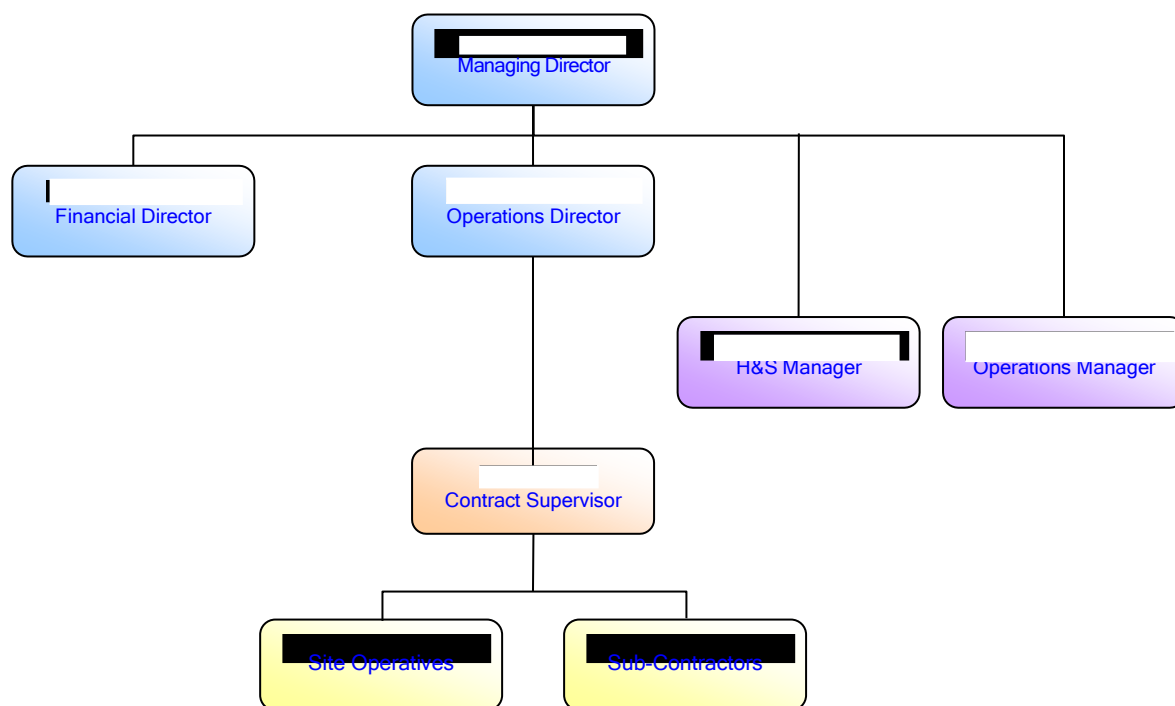
Tel:  
Email:

*Health & Safety  
Manager:*

Tel:  
Email:

*Operations Manager:*

Tel:  
Email:



### **B.3 Sub-Contractors:**

- Any sub-contractors used on this project will be vetted by Forshaw Demolition Ltd as per the company's internal Health and Safety Competency Assessment. All sub-contractors appointed must be competent and have allocated sufficient resources to fulfil their obligations under Safety, Health and Environmental legislation.
- All sub-contractors will appoint a senior member as their principal point of contact for all matters relating to Safety, Health and Environmental issues.

The following sub-contractors will be used in this project;

*n/a*

#### B.4 Site Responsibilities:

- The Contracts Manager and Site Supervisor shall ensure that the contents of the Demolition Phase Health, Safety & Environmental Plan are communicated to all staff working on the project. They must make themselves and all personnel under their control familiar with the content of this plan and work within the management system defined therein.
- The table below names individuals that are responsible for implementing the various sections of the Demolition Phase Health, Safety & Environmental Plan. The Contracts Manager can make other appointments in writing in consultation with the employee.

| Item                                                                              | Nominated Person    | Deputy              |
|-----------------------------------------------------------------------------------|---------------------|---------------------|
| <i>Implementation of Demolition Phase Health, Safety &amp; Environmental Plan</i> | (Contracts Manager) | (Site Supervisor)   |
| <i>Site Health &amp; Safety:</i>                                                  | (Contracts Manager) | (Site Supervisor)   |
| <i>Induction briefing:</i>                                                        | (Contracts Manager) | (Site Supervisor)   |
| <i>RAMS briefing, reviewing &amp; amending:</i>                                   | Contracts Manager   | (Site Supervisor)   |
| <i>Daily Briefing:</i>                                                            | (Contracts Manager) | (Site Supervisor)   |
| <i>Health &amp; Safety Site Inspections:</i>                                      | (H&S Manager)       | (Contracts Manager) |
| <i>First Aider:</i>                                                               | (Contracts Manager) | (Site Supervisor)   |
| <i>Tool box talks:</i>                                                            | (Contracts Manager) | (Site Supervisor)   |
| <i>Traffic Management Plan implementation &amp; update:</i>                       | (Contracts Manager) | (Site Supervisor)   |
| <i>Asbestos location briefing:</i>                                                | (Contracts Manager) | (Site Supervisor)   |
| <i>Permit Issues:</i>                                                             | (Contracts Manager) | (Site Supervisor)   |
| <i>Utility service coordinator:</i>                                               | (Contracts Manager) | (Contracts Manager) |

## C : Project Details

### C.1 Project Overview

#### C.1.1 Project Profile / Scope of Works

- The project and scope of demolition works is to demolish the former community buildings in Fairhaven, Kirkby. The first phase will be to demolish the garages and greenhouses. The second phase will be to demolish all other highlighted structures. All method statements and risk assessments relating to this project will be located in [Appendix 1](#).
- Project Drawings can be found in [Appendix 2](#).
- The Project Specification can be found in [Appendix 4](#). This will include drawings, materials and workmanship specifications and contract conditions in the event that these apply.
- Variations and changes to the scope of works affected by the client / contractor will be documented in [Appendix 4](#).
- On completion of the project a Practical Completion Certificate will be required from the client. Alternatively, Forshaw Demolition Ltd will issue one on [Form A.15](#). This will depend on the Form of Contract adopted for the project.

#### C.1.2 Programme Information

- Commencement date: [tbc](#)
- Project Duration: [2 weeks](#)
- Completion date: [tbc](#)

#### C.1.3 Working Hours

- Monday to Friday: 08:00 – 16:30
- Saturday: no operations
- Sunday: no operations

#### C.1.4 Notifications

##### C.1.4.1 HSE

- An F10 will not be required for this project.

##### C.1.4.2 Local Authority Notification

- A Section 81 has been requested from Knowsley MBC. A copy of the Section 81 notice (Conditions of Demolition) will be located in [Appendix 7](#).

## C.2 Site Details

### C.2.1 Location

- 20 Fairhaven, Kirkby, Merseyside, L33 1UY



### C.2.2 Surrounding Land Use

- The building is surrounded on all sides by residential bungalows and the Livv Housing office.

### C.2.3 Information About Existing Structure

- The building is a timber framed building with a flat roof.

## D : Health & Safety

### D.1 Risk Assessments & Method Statements (RAMS)

- Forshaw Demolition Ltd and their Sub-Contractors have a duty to examine their undertakings to establish those operations that pose a significant SHE risk and develop control measures to eliminate or minimise those risks.
- Forshaw Demolition Ltd RAMS will be written by the Contracts Managers, Site Supervisors or nominated competent person as named in A.2.1. The method statement will be forwarded onto the Health & Safety Manager for review and approval.
- Sub-Contractors RAMS shall be reviewed by the Health & Safety Manager or Contracts Manager to ensure that subcontractors have recognised and understood their safety, health and environmental obligations associated with their activities within the overall context of the project.
- No works will commence until the RAMS have been written for the tasks being carried out on site. A copy of all RAMS relating to each specific task will be located in [Appendix 1](#).
- The RAMS will be communicated to the relevant operatives carrying the various tasks by the competent person nominated in A.2.1. Operatives will sign the RAMS to ensure they have been read and understood.
- The RAMS will be constantly reviewed as the project progresses by the competent person nominated in A.2.1. Once amended the RAMS will be re-briefed to the relevant personnel.

**NO RAMS = NO WORK**

### D.2 Vehicle Movements

#### D.2.1 Safe Movement of Vehicles & Pedestrians

- Arrangements will be made to ensure that pedestrians and operatives are kept clear of site vehicles and mobile plant by the provision of adequate traffic routes and other controls.
- Reversing is prohibited unless under the direction of a banksman.
- All vehicles shall:
  - be driven in a manner which is safe,
  - be loaded in a way that it can be driven, operated or towed safely,
  - have means to provide adequate visibility to the operator,
  - have suitable steps taken to prevent unintended movement of the vehicle (min; keys out),
  - have the person in control of the vehicle able to give adequate warning to any person liable to be at risk from movement of the vehicle,
  - be fitted with a flashing beacon.
- All vehicles leaving site will have clean wheels and bodywork free of loose material with wheel wash facilities where deemed necessary. The Contracts Manager will visually inspect the roads for contamination on a regular basis.

#### D.2.2 Traffic Management Plan

- A Traffic Management Plan (SK01) has been drawn up by the Project Management Team, a copy of which can be found in [Appendix 2](#).
- The TMP will be implemented on day one of the contract and will be explained to all site personal during induction by the competent person nominated in A.2.1.
- A copy of the TMP will be displayed in the site office and will be reviewed on a regular basis and updated by the competent person nominated in A.2.1.
- The traffic management plan will be drawn up to take into account the following:
  - access can be gained via the residential streets of Fairhaven

- arrangements are made to ensure pedestrians and site vehicles are kept separate
- arrangements are made to ensure the pedestrians, customers and vehicles of the local businesses that share the site are kept separate (see CEMP-TA01 Temporary Arrangements Drawing in [Appendix 2](#)).
- access & egress gates are closed and locked when not in use
- all reversing vehicles into site will be directed by a banksman
- the pedestrian route is to be kept clear of all materials and is to be clearly lit at all times
- speed limit for the site 5mph
- adequate safety signage is erected showing access/egress points and pedestrian routes

### **D.2.3 Deliveries**

- All significant deliveries to site (e.g. excavator) must be pre-arranged with 24 hours' notice given to the Project Team by the Operations Manager or driver and be delivered out of peak hours.
- All delivery drivers must be wearing the site mandatory PPE when they are out of their vehicles.

## **D.3 Services**

- The areas highlighted for demolition are to be completely isolated or disconnected of all known utility feeds prior to the commencement of demolition works. Written confirmation of these disconnections will be obtained prior to commencement of demolition works from the utility company or competent persons responsible for carrying out disconnections.
- The client's project manager is responsible for carrying out service disconnections. A utility service coordinator has been designated for this project and is named in A.2.1. The nominated person will be responsible for liaising with the client and/or the utility companies to ensure that utility services are isolated or disconnected prior to commencing soft strip or mechanical demolition.
- Hold points will be inserted into the relevant method statements to ensure that works cannot commence until written confirmation of the utility disconnections has been seen.
- Service utility plans and disconnection notices are located in [Appendix 3](#).
- If the demolition excavator is situated on an area above known services, steel plates will be put down as protection.

## **D.4 Asbestos**

- A Demolition and Refurbishment (D&R) Asbestos Survey for the building has been undertaken prior to demolition commencing. A copy of the asbestos surveys will be located in [Appendix 9](#) and will always be located on site for reference.
- The clients has removed all ACMs identified in the survey. Associated clearance certificates can be found in [Appendix 9](#) along with the Asbestos Survey.
- A procedure for dealing with suspect asbestos containing materials not identified in the D&R asbestos survey will be written in the task specific method statements for the project. If suspect ACMs are found during any phase of the demolition, work will cease and the Project Management Team informed.

## **D.5 Site Details**

### **D.5.1 Welfare Facilities**

- FDL will supply the welfare facilities for the site, which will be in the form of a combi welfare cabin.
- Full compliance with legal standards will be available from day one on site.
- The welfare facilities will satisfy the requirements if the Construction, Design and Management Regulations 2015. An area just inside the site gates will be utilised as welfare facilities, which will include:
  - site office,
  - messing facilities,

- drying facilities,
- toilet facilities,
- hot & cold running water,
- clean towels or hand drying facilities.
- The welfare facilities will be kept clean and fully stocked. An inspection of the welfare facilities will be carried out on a weekly basis by the competent person nominated in A.2.1.
- These facilities are to be treated with respect. Any persons abusing the facilities will be subject to FDL disciplinary procedure.
- A notice board will be located in the site office and will include the following :
  - HSE Poster
  - Fire procedures
  - First aid procedures
  - Site & Traffic Management Plan
  - Company Insurance information
  - Site Rules

### **D.5.2 Site Security**

- The demolition site will be secured using double-clipped heras site boundary fencing and lockable gates. Safety signage will be erected on the boundary fence.
- There will be one clearly signed, dedicated entry and exit point to the site to ensure that only authorised persons can enter. Safety signage will be erected on the fence to all elevations.
- Access to the site will be via lockable gates. The access gates will be kept closed and locked at all times when operatives are on site.
- The site supervisor will check the building and fence line on a daily basis to ensure its integrity. A log will be maintained and kept in the site office to record any incidents.
- Any persons attempting to gain unauthorised entry will be advised that the site is dangerous and asked to leave.
- FDL will form the security during the day.

## **D.6 Plant & Equipment**

### **D.6.1 Mobile Plant (work equipment)**

- All plant operators will need to provide the Site Management Team with a copy of a valid CPCS card.
- Proof of Certification is to be provided to the Site Management Team that all mobile plant has been inspected in accordance with Provision and Use of Work Equipment Regulations (PUWER)1998 and Lifting Operations & Lifting Equipment Regulations (LOLER) 1998.
- FDL's Site Management Team will ensure weekly checks are completed by all contractors on site. Sub-contractors may use their own inspection forms and documents.
- All mobile plant shall have all round vision, by use of mirrors or a CCTV system, a flashing beacon and a reversing alarm, where applicable.
- Forshaw Demolition Ltd reserves the right to inspect any plant on its arrival on site or at any time during its presence on site. If it is not compliant, the item of plant will be refused access to site or prohibited from working.

### **D.6.2 Lifting Operation & Equipment**

- Before any lifting operations commence on site an appropriate lifting plan, or similar document, will need to be submitted to Forshaw Demolition Ltd Site Management team for review a minimum of 5 working days before the work is to be carried out.
- Where possible this is to include copies of training certificates for all operatives involved with the work i.e. the Appointed Person, the Lift Supervisor, the Banksman and the Slinger Signaller.
- Copies of test certificates for all lifting plant and equipment will need to be included with all specific method statements and risk assessments.
- Further checks will be required before any lifting operations can commence.

- All personnel must adhere to LOLER 98 and PUWER 98 and ensure all equipment is checked on arrival on site or prior to first use and that thorough examination certificates other appropriate documentation is also checked. Daily inspections must also be carried out on the equipment. All in accordance with the lifting plan and relevant risk assessment and method statements.

#### **D.6.3 Static & Portable Equipment**

- All equipment brought onto site or used on site must be in suitable and safe condition, in good working order and appropriate for the job it is to be used for. All work equipment must be inspected and weekly records must be maintained and where appropriate test certificates must be kept on site.
- Forshaw Demolition Ltd reserves the right to inspect any portable equipment on its arrival at site or at any time during its presence on site and if it is not compliant the item of plant will be refused access to site or returned to the owner / hire company / sender.

### **D.7 Paperwork**

#### **D.7.1 Permit to Work**

- A 'Permit to Work' System is an integral part of a safe system of work and will be issued on a task by task basis.
- The issue of a 'Permit to Work' will be identified in the task specific method statement and risk assessment to ensure the necessary control and precautions are in place to mitigate the risks.
- Forshaw Demolition Ltd will issue the following 'Permit to Works':
  - hot works
  - excavations
  - confined spaces
  - permit to load / unload
- Permit to Work forms can be found in the Site Health and Safety Folder.

#### **D.7.2 COSHH**

- Hazardous chemicals and substances will be identified during the risk assessments. COSHH assessments with the relevant Safety Data Sheets will be produced.
- COSHH assessments for the following hazardous substances are located in the site Health & Safety Folder:
  - Engine oil
  - Hydraulic oil
  - Grease
  - Diesel

#### **D.7.3 Post-Demolition Health & Safety File**

- The post-demolition health & safety file will include information about all the following topics:
  - a brief description of the work carried out
  - key contact details (Client, Principal Designer and Principal Contractor)
  - site conditions (e.g. location of basements left in situ)
  - service disconnections and plans
  - summary of material movements
  - residual hazards and how they have been dealt with (for example information concerning asbestos)
- The file will be forwarded to the Client upon completion of the project in hard copy and electronic formats.

## D.8 Site Rules

- A copy of the site rules will be posted on the site cabin notice board and will be read to all operatives during site induction.
  - No work to commence until all method statements and risk assessments attributed to your working activity have been read and understood.
1. High visibility vests shall be worn in the correct manner at all times.
  2. Hard hats shall be worn at all times in the correct manner, other than when using welfare facilities
  3. Protective footwear with steel mid-soles shall be worn at all times. Toe-tector trainers are not allowed.
  4. Gloves shall be worn when handling materials or substances at all times.
  5. Ear protection shall be worn when noise levels are in excess of 80dB(A)- i.e. when operating a jackhammer or disc cutter plant.
  6. Eye protection shall be worn when necessary – i.e. when operating disc cutters or working on or near plant that is using a breaker.
  7. Dust masks shall be worn when necessary.
  8. All PPE is to be maintained to a suitable standard, defective PPE will not be permitted for use on site.
  9. Suitable light clothing shall be worn to protect the skin from burning during hot periods. No shorts to be worn on site during working.
  10. Work area to be kept free from litter and scraps of food.
  11. Spitting is not permitted. Urinating on site is not permitted, unless in designated welfare facilities.
  12. Complaints from the public shall be dealt with in a courteous manner, and reported to the Site Manager.
  13. Swearing, wolf whistling or other behaviour deemed harassment will be subject to FDL's Disciplinary Procedures.
  14. No unauthorised use of plant. When in use, observe the on-site speed limit. The site dictates this limit.
  15. Works shall be guarded at all times where necessary.
  16. First aid boxes and fire extinguishers are to remain on site at all times during working hours.
  17. Alcohol/Drugs are not permitted on site or to be consumed during working hours. No persons are to arrive at work under the influence of drugs or alcohol. Employees taking prescribed drugs are to inform the site supervisor if they potentially affect their working ability.
  18. All accidents are to be reported to the site supervisor immediately and recorded as per Forshaw Forshaw's accident reporting procedure.
  19. All defects of equipment, PPE or materials are to be reported to the Site Supervisor immediately.
  20. Radios or personal stereos are not to be used on site.
  21. 240V equipment is not allowed onto site without prior permission from site management.
  22. All personnel must undergo a site induction prior to starting works.
  23. NO SMOKING inside working areas building (including plant). Smoking is allowed in designated areas only.
  24. Operatives are not to take pictures of any children or talk to any children except in circumstances to protect their Health & Safety.

## **E : Environmental**

### **E.1 Environmental Impacts**

- The information detailed in the environmental section of this plan demonstrates FDL's capabilities as Principal Contractor to identify and minimise environmental impacts during demolition.
- A suitable management team is assigned to the project and they are fully aware of the standards detailed in this plan. The Contracts Manager will be responsible for ensuring the site team is briefed and is aware of Forshaw Demolition Ltd environmental responsibilities.
- Comprehensive records will be maintained throughout the project and will be available for inspection at any time by the appropriate regulators. Such records will include, but are not limited to, general site records; duty of care waste transfer and consignment notes; photographs; incident reports; details of complaints and corrective action reports; inspection reports; and other records generated.

#### **E.1.1 Site Access Vehicle Movements**

- Traffic movements will be managed to ensure that the vehicle movements do not impact on the neighbourhood.

#### **E.1.2 Road Cleanliness**

- Vehicle movements on site will predominantly be across existing internal roads and hardstandings and therefore the ability to collect mud and debris will be limited, as well as the potential to deposit mud on the public highway.
- The Project Management Team will monitor the roads throughout the contract and additional mitigation measures such as wheel wash facilities or road sweepers will be implemented if the Contracts Manager deems necessary.

#### **E.1.3 Fuelling and Hazardous Liquids**

- The management of re-fuelling is critical to ensure that pollution does not result from poor re-fuelling operations.
- The re-fuelling of plant and plant equipment will be carried out using a mobile diesel bowser. The diesel tank located on top of the mobile diesel bowser will be double-bunded.
- A designated area on site will be identified for refuelling plant. The area will be on a hardstanding located away from drains.
- The site will have absorbent granules in case of accidental spillage.
- Any container containing hazardous liquids will be placed on top of drip trays.

#### **E.1.4 Dust and Air Emissions**

- Undertaking the main demolition works and the associated vehicle movements during the project has potential to generate dusts and air emissions from the site. The following activities have been identified as being likely to cause these emissions;

##### **E.1.4.1 Mechanical Demolition of Buildings**

- During the mechanical demolition process, damping down will be required to minimise the generation of dust. The Contracts Manager will continuously monitor the situation to ensure adequate dust suppression is being used.
- If dust suppression is required standpipes and fires hoses will be used to spray water onto the buildings during the mechanical demolition process.
- It may be necessary to suspend works during windy and adverse conditions.

##### **E.1.4.2 Vehicle Movements**

- Where possible vehicles will be restricted to hard standing and a speed limit of 10mph will be introduced to further reduce the potential for dust generation.

- Road going vehicles will be sheeted and inspected for mud/loose materials prior to leaving site.

#### ***E.1.4.3 Crushing Activities***

- Crushing will not be undertaken on site.

#### ***E.1.5 Noise***

- Potential noise impacts have been identified from plant based operations, vehicle movements and generators. In order to minimise the potential effects on local residents and other sensitive receptors, the following measures will be implemented:
  - site will be operated in accordance with the agreed site hours,
  - noise monitoring will be carried out at regular intervals of the contract to ascertain background levels and demolition levels.
  - single access points and prescribed traffic routes will be established,
  - plant will be well maintained and fitted with effective silencers,
  - all acoustic covers to machines will be kept closed whenever the machine is in use,
  - noisy operations such as crushing to be carried out as far as practicable away from local businesses / residents,
  - prompt action to complaints.

#### ***E.1.6 Vibration***

- Potential vibration impacts have been identified from plant based operations. In order to minimise these impacts, demolition will be carried out using excavators fitted with grabs, concrete and steel pulverisers. The process of using a 'pulveriser' to demolish the buildings ensures that vibration levels are vastly reduced.

#### ***E.1.7 Water Management***

- Drainage runs will be identified on site and, where practicable, sealed to prevent any potential spills entering the drainage system.
- A copy of the drainage plans for the site will be located in [Appendix 3](#).

#### ***E.1.8 Trees***

- There is one mature tree adjacent to the site. Additional care will be taken when demolishing in the vicinity of this tree.

#### ***E.1.9 Housekeeping***

- Housekeeping on site will be maintained to a high standard. A tidy site is generally a safer site.
- The Contracts Manager and Site Supervisor will regular monitor the site for cleanliness. Where necessary an individual or team will be detailed to clean areas should the need arise.

#### ***E.1.10 Burning***

- No burning is allowed on site during this project.

#### ***E.1.11 Contaminated Land***

- If any land is suspected of being contaminated, work will stop, expert advice sought and reported to the client.

## E.2 Waste Management

- It is the aim of Forshaw Demolition Ltd to recycle, recover or reuse over 95% of the structure and its contents. In order to achieve this, waste generated during the soft strip and demolition process will be segregated at source to ensure the correct waste stream can be identified.
- The waste will either be loaded directly into skips or temporary stockpiled in small quantities on site prior to export off-site.
- All waste movements will be recorded by Forshaw Demolition Ltd and handled in accordance with duty of care and Hazardous Waste Regulations. A summary of material movements will be provided in the post-demolition Health & Safety File.

### E.2.1 Waste Separation

- The following waste generated during this contract will be segregated into the following waste streams;

| TYPE OF WASTE          | EWG                                    | WASTE STREAM          |
|------------------------|----------------------------------------|-----------------------|
| Metal (iron & steel)   | 17-04-05                               | Recycle (off site)    |
| Metal (non ferrous)    | 17-04-01, 17-04-02, 17-04-03, 17-04-09 | Recycle (off site)    |
| Brick                  | 17-01-02                               | Recycle (off site)    |
| Concrete               | 17-01-01                               | Recycle (off site)    |
| Concrete & brick       | 17-01-07                               | Recycle (off site)    |
| Wood                   | 17-02-01                               | Recycle (off site)    |
| Mixed demolition waste | 17-09-04                               | Recycle (off site)    |
| Asbestos (bonded)      | 17-06-05                               | Landfilled (off site) |
| Asbestos (fibrous)     | 17-06-01                               | N/A                   |

- Any additional waste found on site and not identified in the table above will be separated, identified and stored in a suitable location until removed from site using the correct carrier, consignment note and EWG.

### E.2.2 Waste Disposal

- Forshaw Demolition Ltd is a registered waste carrier and will transport waste materials to a licensed facility for recycling, recovery or landfill. Forshaw Demolition Ltd will ensure that any other waste carriers being used to transport waste will be similarly licensed.
- Forshaw Demolition Ltd will only use licensed sites to dispose of waste materials.
- A summary of waste carriers and waste disposal sites used will be included in the post-demolition Health & Safety File issued to the Principal Designer on completion of the project.

## **F : Communication, Training & Information**

### **F.1 Communication with ...**

#### **F.1.1 Project Team**

##### *F.1.1 Between Client / Main Contractor & FDL*

- FDL Project Management Team will consult and co-operate with the Client or their representative in order to co-ordinate the demolition activities so as to ensure that all identified risks are minimised and mitigated and that open communication is maintained between Forshaw Demolition Ltd and the Client.
- FDL's nominated principal contact for the project will be the Contracts Manager.
- Client contact names and telephone numbers are located in section B.1.
- To ensure FDL works are scheduled and carried out safely and in such a way as to avoid, minimise or mitigate health and safety risks to third parties, in particularly members of the public, FDL Contracts Manager or his appointed deputy will meet with the client when appropriate.

##### *F.1.2 Between Managing Director/Contracts Director & FDL Project Management Team*

- Daily contact will be maintained between Contracts Manager and Contracts Director.
- Co-ordination and liaison of day-to-day health, safety and environmental matters shall be communicated to the Managing Director / Contracts Director by FDL Project Management Team
- A weekly contracts meeting will be held with key personnel involved in the contract. Health & Safety will form part of the agenda.

##### *F.1.3 Between Project Management Team & Health & Safety Manager*

- Any new or previously unknown hazard must be reported to the Health & Safety Manager as soon as possible after it has become apparent.
- Written Health & Safety inspections will be carried out by the Health & Safety Manager. Details of the report will be discussed with the Project Management Team.

##### *F.1.4 Between Contracts Manager & Site Supervisor*

- Daily contact will be maintained between Contracts Manager and Site Supervisor. All site information will be filtered through the Contracts Manager to the Site Supervisor and vice versa.

##### *F.1.5 Between Contracts Manager/Site Supervisor & site operatives (including Sub Contractors)*

- All site operatives and sub-contractors will attend a Daily Activity Brief (DAB).
- Co-ordination and liaison of day-to-day health, safety and environmental matters shall be communicated by FDL Project Management Team to all site operatives.
- Each sub-contractor must ensure that their employees receive adequate and suitable information contained in their risk assessments and method statements.
- FDL will establish a regime of Tool Box Talks so that every employee receives a health, safety & environmental briefing at least once a week.

#### **F.1.2 Local Community**

- All liaison with the local community or hospital staff will be discussed with the client.

### ***F.1.3 Enforcing Authorities***

- All visits to the project's undertakings by inspectors from the Health and Safety Executive, Environment Agency, Environmental Health or other stakeholders with enforcement interests (e.g. ecologist) shall be promptly notified to the Contracts Director.
- Members of FDL Project Management Team will make themselves available to accommodate such visits.

### ***F.1.4 Interested Parties***

- Forshaw Demolition Ltd shall make such arrangements as are appropriate for liaison with other interested parties.

### ***F.1.5 Public Relations and Complaints***

- Forshaw Demolition Ltd will aim to complete this project with zero complaints. To achieve this, effective communication will be encouraged on commencement of the project and during the contract ensuring that the public, where necessary, are kept informed of key dates and activities that may directly affect them. Where necessary letter drops will be undertaken.
- Complaints shall be recorded on **Form A.10** which is filed in the Health & Safety Folder, and, where applicable, actions taken to rectify the source of the complaint and control measures taken to prevent a reoccurrence in accordance.

### ***F.1.6 Changes to the Health & Safety Plan***

- Should any changes to the demolition process occur, the relevant method statement and risk assessment document will be reviewed and amended, as necessary. If these changes impact Health & Safety on the project, these documents will be submitted to the Principal Designer for approval. Work will not proceed until this approval has been granted.

## F.2 Training

- All FDL employees and sub-contractors employed on site will be competent to fulfil their roles.
- Details and proof of training of employees must be provided to FDL on request.
- Compliance will be recorded as part of the induction process using Site Safety, Health and Environmental Induction Training Record **Form A01**.
- A copy of FDL training matrix can be found in **appendix 8**.
- The table below indicates the mandatory training requirements for all personnel working on FDL projects. This list is not exhaustive.

| JOB / ROLE                              | MANDATORY TRAINING                                                                          | TASK SPECIFIC TRAINING                                                                                                                                                    |
|-----------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contracts Manager                       | CCDO Demolition Managers Card<br>First Aid Training<br>Asbestos Awareness                   | Face Fit Tested                                                                                                                                                           |
| Demolition Site Supervisor              | CCDO Supervisors Card (or)<br>SMSTS/SSSTS/PMSTS<br>First Aid Training<br>Asbestos Awareness | Face Fit Tested<br>PASMA<br>IPAF                                                                                                                                          |
| Demolition Labourer<br>Operatives       | CCDO Demolition Card<br>Asbestos Awareness                                                  | Face Fit Tested<br>PASMA<br>IPAF<br>Slinger/signaller<br>Harness wearing and inspection<br>Non Notifiable asbestos removals<br>CPCS (small plant (bobcat, 360 under 10t)) |
| Demolition Plant<br>Operatives          | CPCS Excavator 360 Card<br>Quick Hitch Training<br>Asbestos Awareness                       | Face Fit Tested                                                                                                                                                           |
| HGV Drivers                             | CSCS (haulage category)<br>HGV Class 1 or HGV class 2                                       | ADR Cat 9 (bonded asbestos)<br>ADR Cat 3 (diesel)<br>Face Fit Tested                                                                                                      |
| Sub-Contractor<br>Supervisors           | CSCS Supervisors Card (or)<br>SMSTS/SSSTS/PMSTS                                             | First Aid Training<br>PASMA<br>IPAF                                                                                                                                       |
| Licensed Asbestos<br>Removal Operatives | Licensed asbestos removal training<br>Medical<br>Face Fit Tested                            | PASMA<br>IPAF                                                                                                                                                             |
| Scaffold Erectors                       | CISRS (Construction Industry Scaffolders Record Scheme)                                     | Harness wearing                                                                                                                                                           |

## **F.3 Information**

### **F.3.1 Site Inductions**

- Site Inductions will be carried out daily between **07:30 and 08:00**, unless by prior agreement with the Site Management Team.

#### **F.3.1.1 General Operatives**

- All persons engaged on site will receive a site-specific induction carried out by the competent person nominated in Section B.1 prior to starting works.
- The induction will be recorded on FDL internal **Form A.01** and kept on site for review.
- The induction will include (but not limited to);
  - date of induction
  - who gave the induction
  - medical requirements
  - site management
  - project details
  - emergency procedures
  - welfare arrangements
  - traffic management plan
  - site rules
  - method statement briefings
  - environmental arrangements
  - signature of the inductee

#### **F.3.1.2 Supervisors**

- The Supervisor / Manager induction shall to be delivered to **all** staff (i.e. Forshaw Demolition Ltd **and** sub-contractor employees) engaged on the project that hold supervisory or management positions using internal **Form A.01A**. **This is in addition** to the mandatory induction training recorded on **Form A.01**.

### **F.3.2 Daily Activity Briefings (DAB)**

- A Daily Activity Briefing will be given to all site operatives and sub-contractors every morning prior to commencing works.
- The DAB will be carried out by the competent person nominated in Section B.1 and will be recorded on **Form A.35**. A copy of the DAB will be kept on site for review.
- The purpose of the DAB is to outline the day's activities, hazards and controls and other important points to note. It may also incorporate lessons learnt from the previous day and changes to the project. All sub-contractors are expected to attend and contribute.
- For those who come to site after a briefing has been carried out, the project management team should ensure that they receive this information.

### **F.3.3 Toolbox Talks (TBT)**

- Toolbox Talks will be carried out on a weekly basis as a minimum and recorded on **Form A.03**. The TBTs will be carried out by the competent person nominated in Section B.1.
- Additional TBTs will be carried out as directed by site conditions or working practices.

### **F.3.4 Site Inspections**

- Forshaw Demolition Ltd will carry out a formal SHE inspection of all work areas at least every 7 days. This will be recorded, actioned within reasonable timescales, and formally closed out detailing action taken and by whom. Inspections will be completed on **Form A.09**.
- Each sub-contractor must ensure that their line managers or supervisors monitor the health, safety and environmental standards of their activities as a normal part of their duties. A copy of the inspection report will be forwarded onto the sub-contractor's directors for review.
- As a minimum the following inspections will be completed;
  - weekly SHE Inspections by Contracts Manager or delegate.
  - monthly SHE Scored Inspection by Health & Safety Manager.
- In addition to the above, FDL Project Team shall monitor health, safety and environmental standards and performance as follows:
  - Supervisors will monitor their work areas SHE conditions and performance daily/routinely,
  - Directors will carry out a periodic safety tour (at least every three months).

### **F.3.5 Standards**

- Includes but not restricted to the list below:
  - The demolition will be carried out in accordance with BS 6187: 2011.
  - The Management of Health & Safety at Work (Amendment) Regulations 2006.
  - The Construction Design and Management Regulations 2015.
  - The Personal Protective Equipment at Work Regulations: 1992.
  - The Provision and Use of Work Equipment Regulations: 1998 (PUWER)
  - The Lifting Operations and Lifting Equipment Regulations: 1998. (LOLER)
  - The Manual Handling Operations Regulations: 1992.
  - The Health and Safety at Work Act 1974.
  - Health and Safety (First Aid) Regulations: 1981.
  - Control of Substances Hazardous to Health Regulations 2002.
  - Control of Asbestos at Work Regulations: 2012.
  - Asbestos (Licensing) (Amendment) Regulations: 1998.
  - Work at Height Regulations 2005.
  - The Control of Noise at Work Regulations 2005.
  - Control of Vibration at Work Regulations 2005.

### **F.3.6 Failure to comply with the requirements of this plan**

- Any persons who disregard the safety, health or environmental rules and arrangements detailed in this plan will, in the first instance, receive a verbal warning from FDL Project Management Team; subsequent misdemeanours will provoke the removal of the person from site. The Project Team reserves the right to remove from site instantly any person whose acts or omissions in his opinion constitute serious danger to people or property.

## **G : Emergency Procedures**

### **G.1 General**

- Forshaw Demolition Ltd and all sub-contractors must identify via their risk assessments any emergency procedures that are required as a result of their work activity. These requirements should then be discussed with FDL to assess whether a common procedure is appropriate.

### **G.2 Accident Reporting & Procedures**

- FDL will provide first aid and emergency care. An accident book, eye wash and first aid kit will be located in the site office as indicated on the Site Plan located in [Appendix 2](#). This will be shown to all operatives at their site induction.
- Site accident emergency procedures will be displayed on the Site Health & Safety notice board and will consist of the following information:
  - location of the first aid box & accident book,
  - identification of site first aid personnel,
  - address of site,
  - route map and address of the nearest accident and emergency unit.
- All accidents will be recorded in the site accident book and will be reported to the Contracts Manager or main office by the most immediate means as soon as possible and within 30 minutes of the accident occurring. The Contracts Manager will notify the Health & Safety Manager of the accident as soon as possible. The Health & Safety Manager will notify the Client and Principal Designer of the accident as soon as possible.
- The Health & Safety Manager will carry out an accident investigation. If required by RIDDOR 13 the Health & Safety Manager will notify the HSE on a form F2508.
- A route map to the nearest A&E hospital will be displayed on the Health & Safety Notice Board within the site office.
- All first aiders will be clearly identified i.e. by a first aid sign on the hi-visibility jacket or hat.
- Significant sub-contractors will provide their own trained first aiders.

### **G.3 Fire Procedures**

- All operatives will be shown, at induction, the site specific fire procedures.
- A site fire emergency plan will be displayed on the Site Health & Safety notice board and will consist of the following information;
  - action on discovering a fire,
  - location of fire extinguishers,
  - location of fire alarms,
  - location of assembly point,
  - address of site,
  - identification of fire marshals.
- All existing doors and passages inside of the buildings will be kept clear and used as fire routes.
- Site entrances will be kept clear to give emergency vehicles access to the site under the supervision of the site supervisor or appointed representative.
- A log will be kept of all operatives and visitors to the site. The site supervisor will be responsible for ensuring all persons are out of the buildings by form of a roll call.
- There will be no smoking inside any of the buildings.
- A fire marshal will be nominated on day one of the contact.



|                       |                                       |
|-----------------------|---------------------------------------|
| <b>WORK ACTIVITY:</b> | <b>INTERNAL SOFT STRIP</b>            |
| Method Statement No:  | FDL001                                |
| Project:              | 20 Fairhaven                          |
| Site Address:         | Fairhaven, Kirkby, Liverpool, L33 1UY |

| BRIEF DESCRIPTION OF WORKS TO BE UNDERTAKEN |                                                                                                                                                                              |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description of Works:                       | To soft strip the building of all fixtures and furnishings in readiness for mechanical demolition. All materials will be separated into waste streams and removed from site. |

| TOOLS & EQUIPMENT |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| Tools:            | Mattocks<br>Sledge hammers<br>Crow bars<br>Snips<br>Sthil saws<br>Reciprocating saw |
| Equipment:        | Podium steps<br>Mobile Tower<br>Trolleys                                            |

| PERSONNEL & TRAINING |                                                                                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Personnel:           | Site Supervisor<br>Demolition Labourers x 3                                                                                 |
| Training:            | CCDO Demolition Supervisor<br>CCDO Demolition Labourers<br>PASMA trained for Mobile Tower erection, dismantling & adjusting |

| PPE                |                                                                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mandatory PPE:     | Hard hat (BSEN397)<br>Safety boots (BSEN345 steel toe cap & steel midsole)<br>Hi visibility vest or jacket (class 2)<br>Gloves                                                     |
| Task Specific PPE: | Safety Spectacles (1F) or task specific<br>Respiratory Protective Equipment with P3 filter (operatives are face fitted)<br>Hearing protection (during use of sthil saw & breakers) |

| PUBLIC INTERFACE ARRANGEMENTS |                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Segregation:                  | All works will be undertaken inside the existing fence located around the perimeter of the buildings.<br>It is envisaged that there will be interface with other road users and pedestrians at the site boundary. The site teams must ensure safe segregation using heras fence panel's double clipped and signed demolition keep out. The site exclusion zone must be kept always locked during the demolition activities. |
| Monitoring:                   | N/A                                                                                                                                                                                                                                                                                                                                                                                                                         |

| DRAWINGS / SURVEYS |                                                                                                                                             |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Surveys:           | A Demolition & Refurbishment Asbestos Survey has been carried out by AEC (ref N-179026-2). A copy is located in the H&S Plan for reference. |
| Drawings           | N/A                                                                                                                                         |

| PRE COMMENCEMENT WORKS  |                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------|
| Utility Disconnections: | All utility services will be isolated or disconnected prior to commencing works, <b>see activity 1</b> |
| Asbestos Removal:       | All ACMs identified in the report have been removed by the client's team.                              |

## SEQUENCE OF TASKS

The Site Supervisor/Manager will ensure this method statement and risk assessment is explained to all operatives involved in the task. All operatives will sign to confirm they have understood this method, the risks involved and the control measures put in place.

Daily task briefings will be carried out and operatives given the opportunity to give feedback on tasks/method statements, where required changes will be made by FDL site team.

### Activity 1 : Ensure utility isolations/disconnections have been carried out

#### **HOLD POINT**

A1.1 FDL Site Management team will check that written confirmation has been obtained to ensure all utility services have been isolated or disconnected.

A1.2 Upon review of the disconnection certificates a member of FDL Management team will sign below and move onto Activity 2.

**NAME:..... SIGNATURE:..... DATE:.....**

### Activity 2 : Set up site

A2.1 FDL will erect a site exclusion zone utilising existing fencing and boundaries where possible. FDL will agree the safe exclusion zone with the client safety team.

A2.2 Operatives will fit safety signs to the fencing [Danger Demolition Keep out].

A2.3 Gated access will be created close to the building to avoid interface with other road users during the demolition phase and movement of vehicles and plant. All vehicle movement will be controlled by FDL banksman.

A2.4 The site team must ensure that the site is always kept secure, site vehicles must never reverse into site. All vehicles entering or leaving site must be controlled by a Forshaw Demolition banksman.

### Activity 3 : Establish loading area

A3.1 The site team will establish a section of the hardstanding to utilise as a loading away area, as identified in the accompanying SK01 Site & Traffic Management Plan.

A3.2 An exclusion zone / drop zone consisting of heras fencing (double clipped) will be established in this area where the soft strip materials will be deposited into.

A3.3 The exclusion zone will only be used when the exclusion zone is locked.

A3.4 The site team will place 45 yard bins within the exclusion zone. The excavator will be utilised to load the soft strip materials. The drop zone will be closed while the excavator is loading bins.

#### Activity 4 : Commence soft strip

A4.1 The soft strip team using hand tools including mattocks and sledgehammers will commence the soft strip at one end of the building and work systematically towards the other.

A4.2 The removal of any high level soft strip will be carried out by operatives working from hop ups or mobile towers. Only trained personnel are to erect mobile towers. [PASMA CARD HOLDERS].

#### *A4.3 Access Routes & lighting*

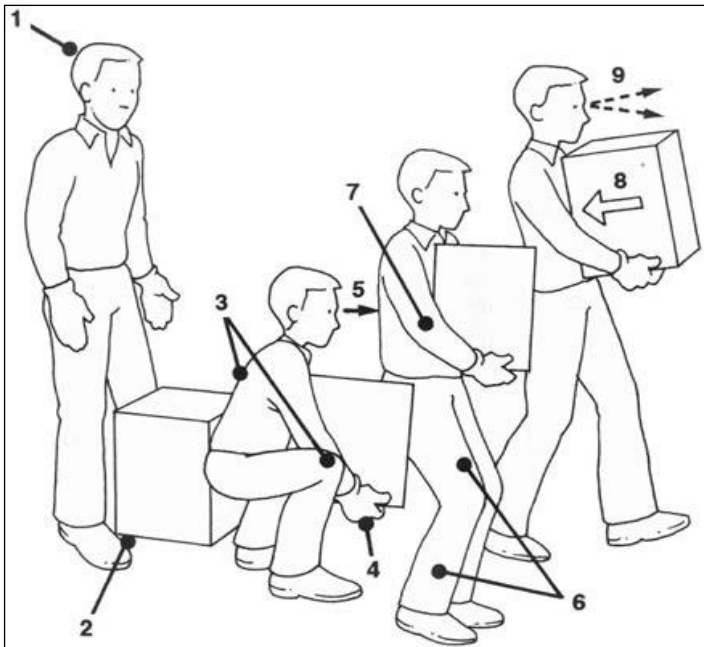
- Access into the buildings will be via the existing doors to the front. All access routes will be cleared of all trip hazards.
- Task lighting will be erected to ensure all access routes are clearly lit, if required.

#### *A4.4 Recycling & Separation of Materials*

- Operatives will separate all materials and place into separate piles for recycling or for disposal at a licensed landfill facility. The materials will be separated into;
  - Clean timber
  - Metals
  - Mixed waste (taken to a licensed facility for further separation into waste streams)
  - Hazardous

#### *A4.5 Manual Handling*

- Individual operatives will undertake a manual handling assessment on all materials that they are moving. It is not envisaged any weights will be stamped on the materials to be removed therefore all operatives are trained in manual handling operations and will carry out a 'mental' manual handling assessment prior to moving any loads.
- Any items that are too heavy or bulky to lift will be broken down in size and weight using hand tools such as mattocks, sledge hammers, reciprocating saws, jemmy bars, stihl saws, oxy fuel cutting equipment or any other tool that can be utilised to break a load down. Aids such as trolleys, wheel barrows and sack trucks will be utilised to move materials and team lifting techniques will be utilised.
- **AFTER YOUR INDIVIDUAL 'MENTAL' MANUAL HANDLING ASSESSMENT IF YOU FEEL YOU CANNOT LIFT OR MOVE A LOAD DO NOT ATTEMPT TO LIFT OR MOVE IT AND INFORM YOUR SUPERVISOR!**
- When lifting always use the correct kinetic method of lifting as shown in **figure 1**;



**Figure 1**

Kinetic lifting technique;

1. Keep head straight
2. Access the load
3. Keep back straight & bend knees
4. Take a good grip of the load
5. Keep head straight & look forward
6. Lift the load using the power in your thighs
7. Keep elbows in close to your body
8. Keep load close to the
9. Look straight ahead in the direction of travel

#### A4.6 Work at Height

- Work at height to undertake the soft strip will be carried out using one of the following methods;
  - Mobile towers
  - Podium steps
- All mobile towers and podium steps will be erected as per the manufacturer's instructions ensuring that double hand rails are in place at all times.
- Mobile towers are to be erected, altered and dismantled by PASMA trained operatives only. Operatives are NOT to be on the tower/podium steps when the steps are being moved.
- Scaff tags will be established on all towers. Where a tower is erected for more than 7 days it will be subject to a 7 day recorded inspection.

#### A4.7 Dust

- All operatives have been issued with respiratory protective equipment fitted with a p3 filter and will have a face fit certificate for the make and model and size of RPE being used, these will be worn for activities that create dust as determined by relevant risk assessment, daily task briefings will also determine the need for RPE.
- All operatives have been issued with respiratory protective equipment fitted with a p3 filter and will have a face fit certificate for the make and model and size of RPE being used, these will be worn for activities that create dust as determined by relevant risk assessment, daily task briefings will also determine the need for RPE. RPE will be worn when carrying out the following activities;

#### A4.8 Loose Insulation

- Fibrous insulation will be removed by hand and placed into bags to prevent cross contamination around the site.
- Task specific disposable overalls and RPE with P3 filters will be worn when removing and handling fibrous insulation. All operatives will have a face fit certificate for the make and model and size of RPE being used.

#### *A4.9 Doors/Door Cases/Skirting Boards/wooden units/furniture/wall joists*

- All doors, associated woodwork and furniture will be removed by hand using jemmy bars, crow bars and mattocks.
- The materials will be broken down into manageable weights and sizes.

#### *A4.10 Mechanical & Electrical Equipment*

- Access to the M&E equipment will be via a mobile tower or podium steps. The M&E equipment will be cut down into manageable sizes using stihl saws or oxy fuel cutting equipment.

#### *A4.11 Stihl Saw*

- Operatives using a Stihl Saw will wear task specific PPE consisting of eye protection (grade 1 impact) hearing protection and RPE consisting of P3 filters. An operative with abrasive wheels training will change the wheel when needed. Prior to carrying out any Stihl Saw operations a hot works permit will be issued by the FDL site management team.

#### *A4.12 Suspect Materials/Asbestos (if found)*

- If suspect materials have been found within the building during the soft strip the following steps will be followed;
  - a. Stop work
  - b. Cordon off the area
  - c. Inform Site manager of findings

## SOFT STRIP RISK ASSESSMENTS

| What are the hazards ?                   | Who might be harmed and how ?                                                                                | Risk rating before control measures have been implemented | What control measures are in place ?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Risk rating after control measures have been implemented |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Manual Handling                          | Operatives may suffer broken bones, cuts or lacerations from handling materials                              | Medium                                                    | <ul style="list-style-type: none"> <li>Operatives to wear gloves, hard hats, safety spectacles and steel toe capped boots with steel midsoles</li> </ul>                                                                                                                                                                                                                                                                                                                                                                         | Low                                                      |
|                                          | Operatives may suffer back pain when manually handling materials                                             | High                                                      | <ul style="list-style-type: none"> <li>Trolleys and wheel barrows to be used to move loads</li> <li>If manual handling has to be carried out assess the loads before lifting, if required break down the load into manageable weights &amp; sizes using hand held tools</li> <li>Kinetic lifting techniques to be used to lift all loads</li> <li>Do not move any load if you, as an individual, feel the load is too heavy to move</li> </ul>                                                                                   | Low                                                      |
| Slips & trips                            | Operatives may suffer broken bones, sprains or cuts due to tripping over materials                           | Medium                                                    | <ul style="list-style-type: none"> <li>Pedestrian access routes to be kept clear of all materials</li> <li>Pedestrian routes to be clearly lit</li> </ul>                                                                                                                                                                                                                                                                                                                                                                        | Low                                                      |
| Falls from height                        | Operatives may suffer fatal or serious injury when working at height carrying out soft strip activities      | High                                                      | <ul style="list-style-type: none"> <li>No ladders to be used on site to carry out soft strip activities</li> <li>The following equipment will be used to provide a safe working platform when working at height; <ul style="list-style-type: none"> <li>Podium steps / mobile towers</li> </ul> </li> </ul>                                                                                                                                                                                                                      | Low                                                      |
|                                          | Operatives may suffer fatal or serious injury if fall occurs when working from mobile towers or podium steps | High                                                      | <ul style="list-style-type: none"> <li>Mobile towers and podium steps to be erected as per manufactures instructions ensuring that double edge protection is in place at all times.</li> <li>All mobile towers to be erected, altered and dismantled by a PASMA trained operative.</li> <li>Scaff tags to be used on all towers.</li> <li>Recorded inspections to be undertaken if towers are erected for more than 7 days.</li> <li>Operatives are not to be on the towers or podium steps whilst it is being moved.</li> </ul> | Low                                                      |
| Falling materials                        | Operatives may suffer fatal or serious injury if struck by falling materials                                 | High                                                      | <ul style="list-style-type: none"> <li>Safety helmets to be worn at all times</li> <li>Exclusion zones to be erected</li> <li>Do not access any unsafe structures</li> <li>Controlled drop zone must be adhered to.</li> </ul>                                                                                                                                                                                                                                                                                                   | Low                                                      |
| Contact/strikes of live utility services | Operatives may suffer fatal or serious injury if electric cables or gas pipes are struck                     | High                                                      | <ul style="list-style-type: none"> <li>All utility services to be isolated/disconnected prior to commencing soft strip</li> <li>Utility disconnection paperwork to be located within the CPHSP</li> <li>All live utility services to be identified and marked live</li> </ul>                                                                                                                                                                                                                                                    | Low                                                      |
| Exposure to asbestos                     | Site operatives and members of the public may inhale asbestos fibres if asbestos has been disturbed          | Medium                                                    | <ul style="list-style-type: none"> <li>All ACMs have been removed by the client's team prior to soft strip works.</li> <li>Operatives to stop works if they suspect asbestos containing materials are present</li> <li>All operatives to have undergone asbestosawareness training</li> </ul>                                                                                                                                                                                                                                    | Low                                                      |

## SIGNATURES & AMENDMENTS

I confirm I have read and understood the method statement and risks involved and will work in accordance with the method statement as described

| Operative Signatures |           |      |              |
|----------------------|-----------|------|--------------|
| Name                 | Signature | Date | Revision No. |
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| Amendments  |                          |                                   |
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| Time / Date | Description of Amendment | Signature of Manager / Supervisor |
|             |                          |                                   |
|             |                          |                                   |
|             |                          |                                   |

RAMS Prepared by : .....

Date : **25<sup>th</sup> April 2023** .....

|                       |                                       |
|-----------------------|---------------------------------------|
| <b>WORK ACTIVITY:</b> | <b>MECHANICAL DEMOLITION</b>          |
| Method Statement No:  | FDL002                                |
| Project:              | 20 Fairhaven                          |
| Site Address:         | Fairhaven, Kirkby, Liverpool, L33 1UY |

| BRIEF DESCRIPTION OF WORKS TO BE UNDERTAKEN |                                                                       |
|---------------------------------------------|-----------------------------------------------------------------------|
| Description of Works:                       | To mechanically demolish the building and remove materials from site. |

| PLANT & EQUIPMENT |                                                                     |
|-------------------|---------------------------------------------------------------------|
| Tools:            | Crow bars<br>Stihl saws                                             |
| Equipment:        | 360° Demolition Excavators                                          |
| Attachments:      | Concrete pulverisers<br>Steel cutting shears<br>Combinations shears |

| PERSONNEL & TRAINING |                                                                                  |
|----------------------|----------------------------------------------------------------------------------|
| Personnel:           | Site Supervisor<br>Demolition Labourers x 2<br>Plant Operators x 2               |
| Training:            | CCDO Demolition Supervisor<br>CCDO Demolition Labourers<br>CPCS Demolition Plant |

| PPE                |                                                                                                                                                                           |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mandatory PPE:     | Hard hat (BSEN397)<br>Safety boots (BSEN345 steel toe cap & steel midsole)<br>Hi visibility vest or jacket (class 2)<br>Gloves<br>Safety Spectacles (1F) or task specific |
| Task Specific PPE: | Respiratory Protective Equipment with P3 filter (operatives are face fitted)<br>Hearing protection (during use of cut off saw & breakers or drills)                       |

| PUBLIC INTERFACE ARRANGEMENTS |                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Segregation:                  | All works will be undertaken inside the existing fence located around the perimeter of the buildings.<br>It is envisaged that there will be interface with other road users and pedestrians at the site boundary. The site teams must ensure safe segregation using heras fence panel's double clipped and signed demolition keep out. The site exclusion zone must be kept always locked during the demolition activities. |
| Monitoring:                   | N/A                                                                                                                                                                                                                                                                                                                                                                                                                         |

| DRAWINGS / SURVEYS |     |
|--------------------|-----|
| Surveys:           | N/A |
| Drawings           | N/A |

| PRE COMMENCEMENT WORKS  |                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Utility Disconnections: | All utility services will be isolated or disconnected prior to commencing works, <i>see activity 1</i>                                      |
| Asbestos Survey:        | A Demolition & Refurbishment Asbestos Survey has been carried out by AEC (ref N-179026-2). A copy is located in the H&S Plan for reference. |

## SEQUENCE OF TASKS

The Site Supervisor/Manager will ensure this method statement and risk assessment is explained to all operatives involved in the task. All operatives will sign to confirm they have understood this method, the risks involved and the control measures put in place.

Daily task briefings will be carried out and operatives given the opportunity to give feedback on tasks/method statements, where required changes will be made by FDL site team.

### Activity 1 : Ensure utility isolations/disconnections have been carried out

#### **HOLD POINT**

- A1.1 FDL Site Management team will check that written confirmation has been obtained to ensure all utility services have been isolated or disconnected.
- A1.2 Upon review of the disconnection certificates a member of FDL Management team will sign below and move onto Activity 2.

**NAME:..... SIGNATURE:..... DATE:.....**

### Activity 2 : Location and sequence of works



### Activity 3 : Establish safe working areas & dust suppression

- A3.1 The site team will establish an exclusion zone around the perimeter of the work area which will consist of heras fencing (double clipped). The exclusion zone must be locked, double clipped and signed **[Demolition in Progress – Keep Out]** during all activities.
- A3.2 Some of the pavements adjacent to the building will be temporarily closed during the demolition phase to protect members of the public. Appropriate signage will be placed on the fencing to warn pedestrians. A banksman will be stationed to direct pedestrians and as soon as each section has been demolished, the pavement will be re-opened.
- A3.3 Dust suppression will be set up to ensure a fine spray mist spray is sprayed onto the structure during mechanical demolition. The dust suppression consists of a standpipe set up with a series of high pressure water hoses.

### Activity 4 : Mechanical demolition

- A4.1 The plant operators will carry out their pre-use inspections prior to commencing work. The results of the inspection will be logged into their 7-day checklist books kept in the excavators.
- A4.2 The Site Manager will brief all the team on the mechanical demolition RAMS.
- A4.3 The direction of demolition of the building is shown on the aerial image above. The structure will be demolished commencing at the northern elevation working towards the southern elevation demolishing one structural bay at time. The demolition works will be undertaken using a 360° excavator fitted with a series of demolition attachments. All materials will be separated by the excavator as the demolition progresses through the building.
- A4.4 The exposed roof truss and associated purlins located in the first structural bay will first be removed. Once this process has been completed the beams and associated walls located in the first section will be removed.
- A4.5 The above sequence will be repeated for each structural bay until the building has been completely demolished, as per the demolition sequence above.

### Activity 5 : Removal of materials

- A5.1 All materials / debris generated from the soft strip and associated demolition works will be removed from site using our own multi lift trucks and 45 yard bins. The drivers will raise consignment notes for all loads that leave site.
- A5.2 A banksman will be available during the loading of wagons to marshal any members of the public.

## DEMOLITION RISK ASSESSMENTS

| What are the hazards ?                   | Who might be harmed and how ?                                                            | Risk rating before control measures have been implemented | What control measures are in place ?                                                                                                                                                                                                                                                                                                                                                                                                           | Risk rating after control measures have been implemented |
|------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Manual Handling                          | Operatives may suffer broken bones, cuts or lacerations from handling materials          | Medium                                                    | <ul style="list-style-type: none"> <li>Operatives to wear gloves, hard hats, safety spectacles and steel toe capped boots with steel midsoles</li> </ul>                                                                                                                                                                                                                                                                                       | Low                                                      |
|                                          | Operatives may suffer back pain when manually handling materials                         | High                                                      | <ul style="list-style-type: none"> <li>Trolleys and wheel barrows to be used to move loads</li> <li>If manual handling has to be carried out assess the loads before lifting, if required break down the load into manageable weights &amp; sizes using hand held tools</li> <li>Kinetic lifting techniques to be used to lift all loads</li> <li>Do not move any load if you, as an individual, feel the load is too heavy to move</li> </ul> | Low                                                      |
| Slips & trips                            | Operatives may suffer broken bones, sprains or cuts due to tripping over materials       | Medium                                                    | <ul style="list-style-type: none"> <li>Pedestrian access routes to be kept clear of all materials</li> <li>Pedestrian routes to be clearly lit</li> </ul>                                                                                                                                                                                                                                                                                      | Low                                                      |
| Falls from height                        | Operatives may suffer fatal or serious injury when working at height                     | High                                                      | <ul style="list-style-type: none"> <li>All operations will be carried out remotely with the excavator, eliminating the need to work at height</li> </ul>                                                                                                                                                                                                                                                                                       | Low                                                      |
| Falling materials                        | Operatives may suffer fatal or serious injury if struck by falling materials             | High                                                      | <ul style="list-style-type: none"> <li>Safety helmets to be worn at all times</li> <li>Exclusion zones to be erected</li> <li>Do not access any unsafe structures</li> <li>Controlled drop zone must be adhered to</li> </ul>                                                                                                                                                                                                                  | Low                                                      |
| Contact/strikes of live utility services | Operatives may suffer fatal or serious injury if electric cables or gas pipes are struck | High                                                      | <ul style="list-style-type: none"> <li>All utility services to be isolated/disconnected prior to commencing any activities Utility disconnection paperwork to be located within the CPHSP</li> <li>All live utility services to be identified and marked live</li> <li>Scaffold crash deck to be erected above and around the sub-station with emergency access for utility companies</li> </ul>                                               | Low                                                      |
| Excavator operations                     | Operatives on site & public may suffer fatal or serious injury if struck by an excavator | High                                                      | <ul style="list-style-type: none"> <li>Plant operators to be trained and competent</li> <li>Always approach excavator from the front &amp; ensure operator has made contact with you prior to walking into the arc of the excavator</li> <li>Never walk into the arc of the excavator</li> <li>Ensure site traffic management plan is followed on site</li> <li>Exclusion zones to be erected around the site</li> </ul>                       | Low                                                      |
|                                          | Excavator operator may suffer fatal or serious injury due to excavator overturning       | High                                                      | <ul style="list-style-type: none"> <li>Excavator operator to wear seat belts at all times</li> <li>Excavator to be operated on firm level ground</li> <li>Lifting plan to be in place to lift dusts suppression unit</li> </ul>                                                                                                                                                                                                                | Low                                                      |

| What are the hazards ? | Who might be harmed and how ?                                                                                                                                          | Risk rating before control measures have been implemented | What control measures are in place ?                                                                                                                                                                                                                                                                                                 | Risk rating after control measures have been implemented |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
|                        | Site operatives may suffer fatal or serious injury due to incorrect use of quick hitch, working under attachments or if the attachment becomes detached from excavator | High                                                      | <ul style="list-style-type: none"> <li>• All plant operators to have undergone quick hitch training</li> <li>• All plant operators to use quick hitch as per manufacturer's instructions</li> <li>• Attachments or loads must not pass over the top of any personnel and must not be slewed over any of the site boundary</li> </ul> | Low                                                      |

## SIGNATURES & AMENDMENTS

I confirm I have read and understood the method statement and risks involved and will work in accordance with the method statement as described

| Operative Signatures |           |      |              |
|----------------------|-----------|------|--------------|
| Name                 | Signature | Date | Revision No. |
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| Amendments  |                          |                                   |
|-------------|--------------------------|-----------------------------------|
| Time / Date | Description of Amendment | Signature of Manager / Supervisor |
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|             |                          |                                   |

RAMS Prepared by : .....

Date : **25<sup>th</sup> April 2024** .....



20 Fairhaven, Kirkby 10931 / 23 / Rev2

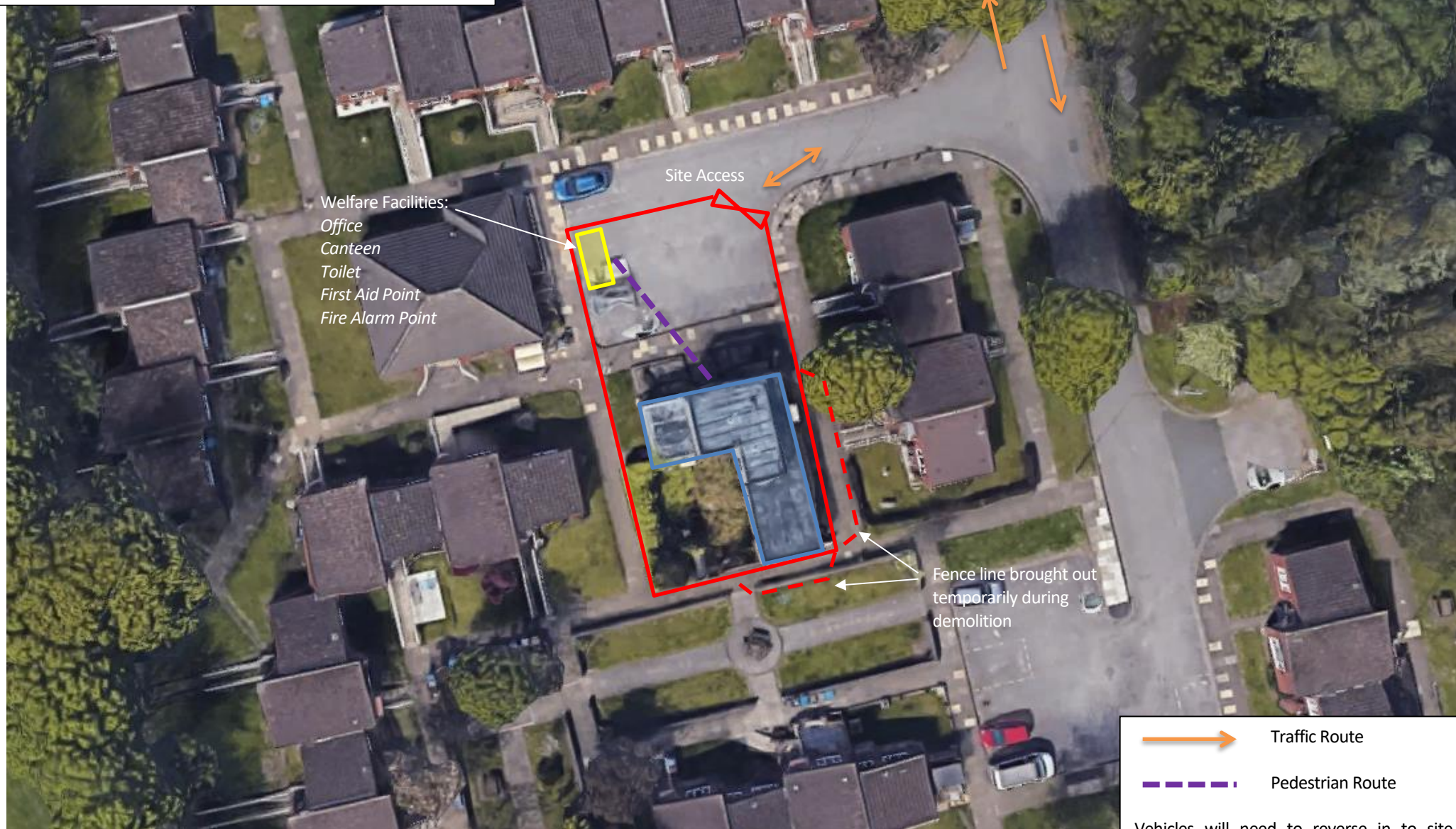
## 20 Fairhaven, Kirkby

Site & Traffic Management Plan (not to scale)

Client : Livv Housing

Prepared By : AJW  
Date : 10.07.23

Drawing No : 10931/23/SK01  
Version : 2.0



Traffic Route



Pedestrian Route

Vehicles will need to reverse in to site which must be carried out with the aid of a banksman.





## **A4 : Project Specification**



## A5 : Programme

## A6 : F10 Notification

☐

An F10 notification has been issued to the HSE and a copy can be found overleaf.

☒

An F10 notification is not required for this project.



## **A7 : Section 81 Notice**



## A8 : Staff Training Matrix



## **A9 : Asbestos Survey & Clearance Certificates**