

## DEMOLITION METHOD STATEMENT

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| <b>WORK ACTIVITY:</b>               | <b>Mechanical demolition multiple buildings Wrexham</b>              |
| <b>METHOD STATEMENT NO:</b>         | FI0012021                                                            |
| <b>PROJECT:</b>                     | Bridgeway Phase 1                                                    |
| <b>SITE ADDRESS:</b>                | Bridgeway Central, Bridge Road, Wrexham, LL13 9QS                    |
| <b>CLIENT:</b>                      | FI Real Estate Management Ltd                                        |
| <b>CLIENT REPRESENTATIVE:</b>       | Boris Byrne                                                          |
| <b>RAMS REQUESTED BY:</b>           | Boris Byrne <a href="mailto:bbyrne@fi-rem.com">bbyrne@fi-rem.com</a> |
| <b>RAMS PRODUCED BY:</b>            | George Steele                                                        |
| <b>RAMS IN ACORDANCE WITH:</b>      | BS6187:2011 Code of practice for full and partial demolition.        |
| <b>HEALTH &amp; SAFETY MANAGER:</b> | Project four Safety consultancy                                      |
| <b>CONTRACTS MANAGER:</b>           | George Steele FI Construction Ltd                                    |

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| <b>INTRODUCTION:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>The purpose of the demolition method statement is to outline our approach to managing the demolition works for the mechanical demolition at Bridgeway Central. This document Includes specific comments on the site establishment, logistics, and the process of managing the overall environment and surrounding property. It will also ensure that the demolition and associated works cause the minimum disruption to the adjacent businesses with a safe working and living environment maintained. The agreed contents of the demolition method statement will form part of the development plan and will be agreed with FI Construction Ltd site team. The plan will be constantly reviewed, and any changes or improvements will be added and agreed, the plan will then be revised and re- issued.</p> |

| BRIEF DESCRIPTION OF WORKS TO BE UNDERTAKEN |                                                                                                                                                |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| DESCRIPTION OF WORKS:                       | To mechanically demolish multiple units using a series of demolition excavators fitted with rotating pulverisers and demolition sorting grabs. |

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| <b>TRAINING FOR OPERATIVES ON SITE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>INDUCTION TRAINING</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Prior to any operatives commencing works on site they will receive health and safety induction training by the demolition site manager or supervisor FI Construction Ltd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RISK MANAGEMENT, DABS, DAILY ACTION BRIEFING</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| All operatives associated with site activities which create significant risk of injury will be specifically briefed in the hazards and control measures applicable to the safe system of works. All operatives receiving daily briefings will sign documentation to say they fully understand the risks and control measures implemented to ensure the safety and wellbeing of themselves and others.                                                                                                                                                                                                                                                                                                                                                  |
| <b>SPECIFIC TRAINING</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| All operatives / operators / managers / or supervisors must hold the appropriate training cards or certificate of training achievement relevant to their positions on site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>TOOL BOX TALK TRAINING</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Toolbox talk training will be used to instruct and train employees on specific site tasks, as and when necessary. The manager, supervisor or designated operative presenting the toolbox talk must try to promote an open discussion with all the site team. The presenter must discuss the risk elements of the tasks being discussed and try to get feedback from the site team on the best way of controlling the risks. Feedback from the workforce and actions implemented via the toolbox talks will ensure that everyone feels included and that their participation is meaningful. All toolbox talks and actions because of the toolbox talk must be recorded and signed by all attendees; the record must then be entered into the site file. |

| <b>TRAINING &amp; PERSONNEL</b>                                                                                                                      |               |                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CONTRACTS MANAGER</b><br> <b>FI</b> CONSTRUCTION<br>& DEMOLITION | George Steele | <b>CCDO BLACK CARD LEVEL 6 DEMOLITION MANAGER</b><br><b>CITB BLACK CARD CSCS FOR MANAGERS</b><br><b>IOSH MANAGING SAFELY</b><br><b>FIRST AID AT WORK</b><br><b>TEMP WORKS CO-ORDINATOR</b><br><b>CPCS EXCAVATOR OPERATOR</b><br><b>MEWP OPERATOR</b><br><b>NNLW ASBESTOS REMOVAL COURSE</b> |
| <b>SITE MANAGER</b><br> <b>FI</b> CONSTRUCTION<br>& DEMOLITION      | Name          | <b>CCDO GOLD CARD DEMOLITION SUPERVISOR</b><br><b>CPCS EXCAVATOR OPERATOR</b><br><b>SLINGER SIGNALLER</b><br><b>FIRST AID AT WORK</b><br><b>MEWP</b><br><b>BOBCAT SKID LOADER</b><br><b>NNLW ASBESTOS REMOVAL COURSE</b>                                                                    |
| <b>SITE SUPERVISOR</b><br> <b>FI</b> CONSTRUCTION<br>& DEMOLITION   | Name          | <b>CCDO DEMOLITION OPERATIVE</b><br><b>SSSTS SITE SUPERVISOR CARD HOLDER</b><br><b>FIRSTAID AT WORK</b><br><b>NNLW ASBESTOS REMOVAL COURSE</b><br><b>CPCS EXCAVATOR</b>                                                                                                                     |
| <b>SITE OPERATIVE</b><br> <b>FI</b> CONSTRUCTION<br>& DEMOLITION  | Name          | <b>CCDO DEMOLITION OPERATIVE</b><br><b>NNLW ASBESTOS REMOVAL COURSE</b><br><b>CPCS EXCAVATOR</b>                                                                                                                                                                                            |

| <b>PLANT &amp; EQUIPMENT</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PLANT:</b>                | Multipul Demolition specification 360' excavators                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ATTACHMENTS:</b>          | 360- degree rotating combination shear (capable of cutting steel and concrete)<br>360- degree rotating demolition grab<br>Test certificates for the equipment as required under PUWER will be supplied upon delivery to site and prior to any works commencing.<br>NOTE – the excavators are demolition plant and are not classed as lifting devices when carrying demolition attachments and do not come under LOLER when operating as demolition excavators. |
| <b>WORK EQUIPMENT:</b>       | Hose pipe for dust suppression<br>Heras's fencing panels                                                                                                                                                                                                                                                                                                                                                                                                       |

| <b>PPE</b>            |                                                                                                                                                                   |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MANDATORY PPE:</b> | Hard hat (BSEN397)<br>Safety boots (BSEN345 steel toe cap & steel midsole)<br>Hi visibility vest or jacket (class 2)<br>Safety Spectacles (1F)<br>Gloves (KV2101) |
| <b>TASK SPECIFIC:</b> | RPE with P3 filters (all operatives face fitted, cleanly shaven every day)                                                                                        |

| <b>PUBLIC INTERFACE ARRANGEMENTS</b> |                                                                                                                                                                                                                                                                                       |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SEGREGATION: PROTECTION:</b>      | Temporary exclusion zones will be erected during specific stages of the demolition. The details of the exclusion zones are attached.<br>The pavements will be cleared at the end of each working day along care will be taken to ensure that emergency vehicle access is not impeded. |

| <b>DRAWINGS / SURVEYS</b> |                                                                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SURVEYS:</b>           | A photographic dilapidation survey of the pavement and road will be undertaken prior to commencing demolition activities and forwarded to head office for information. N/A |
| <b>DRAWINGS:</b>          |                                                                                                                                                                            |
| <b>PERMITS:</b>           | Permit to excavate to be issued prior to any excavations                                                                                                                   |

| <b>ENVIRONMENTAL / MONITORING</b> |                                                                                                                                             |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DUST:</b>                      | A water suppression unit will be located on site to spray a fine mist of water over the structure during the mechanical demolition process. |
| <b>NOISE &amp; VIBRATION:</b>     | N/A                                                                                                                                         |

| <b>SERVICE DISCONNECTIONS / ISOLATIONS</b> |                                                                                      |
|--------------------------------------------|--------------------------------------------------------------------------------------|
| <b>Electricity</b>                         | <ul style="list-style-type: none"> <li>➤ Isolated</li> <li>➤ Disconnected</li> </ul> |

Sign off.....Comments .....

| <b>SERVICE DISCONNECTIONS / ISOLATIONS</b> |                                                                                      |
|--------------------------------------------|--------------------------------------------------------------------------------------|
| <b>Gas</b>                                 | <ul style="list-style-type: none"> <li>➤ Isolated</li> <li>➤ Disconnected</li> </ul> |

Sign off.....Comments .....

| <b>SERVICE DISCONNECTIONS / ISOLATIONS</b> |                                                              |
|--------------------------------------------|--------------------------------------------------------------|
| <b>Water</b>                               | <ul style="list-style-type: none"> <li>➤ Isolated</li> </ul> |

Sign off.....Comments .....

| <b>ASBESTOS SURVEY / REMOVAL</b> |  |
|----------------------------------|--|
| <b>Asbestos</b>                  |  |

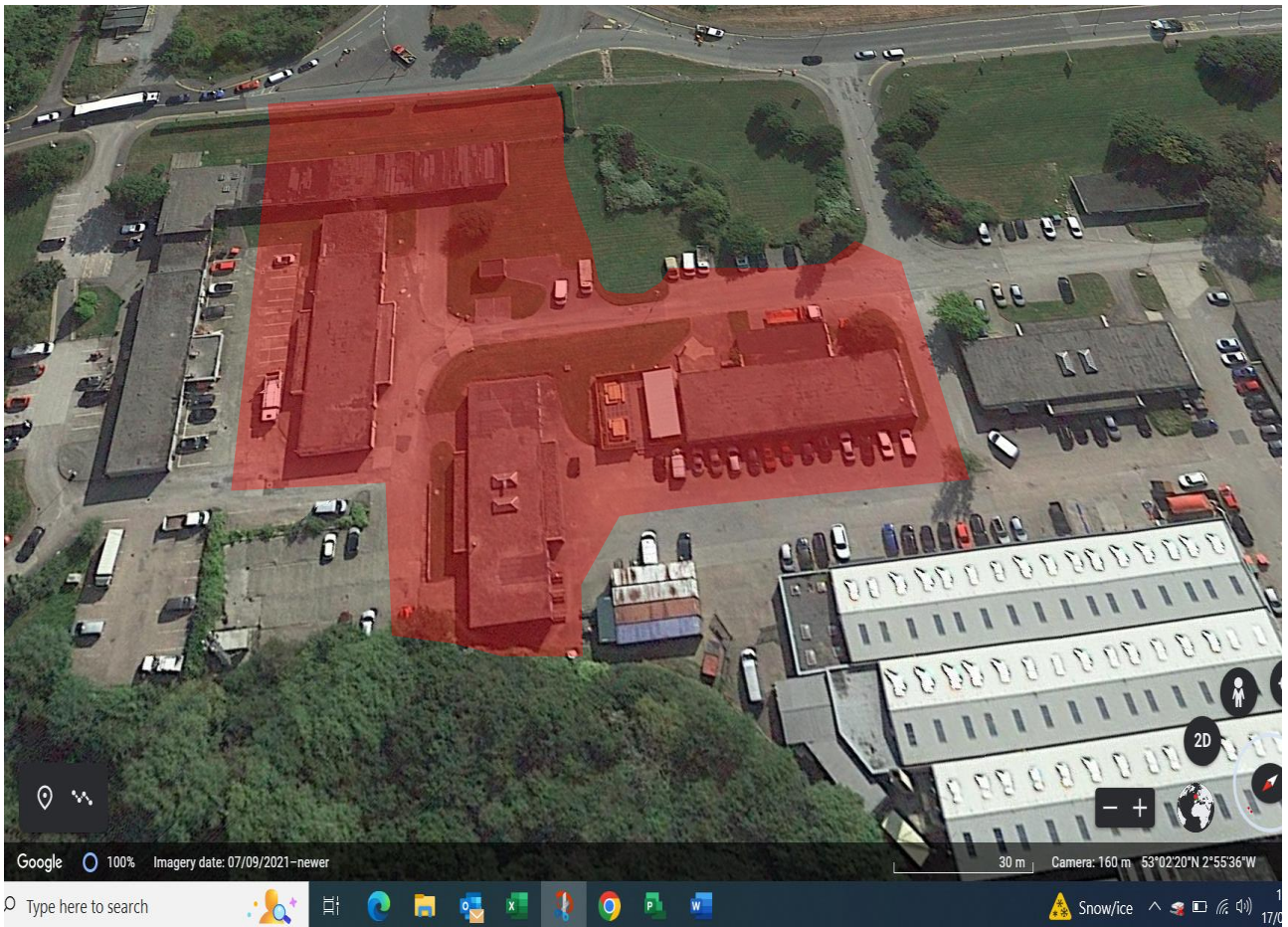
Sign off.....Comments .....

## SEQUENCE OF TASKS

**The Site Supervisor/Manager will ensure this method statement and risk assessment is explained and briefed 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.**

### Activity 1 – Erect exclusion zone

- A1.1 An exclusion zone will be erected as shown picture below. This area will be controlled by FI Construction Ltd banksman during the demolition operations. The banksman will be in contact with the excavator operator and the FI Construction and Demolition Ltd site manager.
- A1.2 The exclusion zone will be controlled by a minimum of two operatives always acting as banksman. The banksman will be always in visual contact with the excavator operator and Site Manager. The banksman will have full authority to stop works at any time during the demolition operations. If at any time access is required by emergency vehicles or delivery driver's demolition works will cease and the exclusion zone gates will be opened to allow controlled access past the demolition works.
- A1.3 The demolition works will be carried out within the exclusion zone. Banksman will control vehicle in and out of site. No reversing outside site without a banksman.



## **Activity 2 - Set up dust suppression**

A2.1 Water suppression will be set up to enable a constant spray of water to be directed onto the structure during mechanical demolition. The water suppression is a direct feed water system that enables a fine mist to be sprayed close to the end of the pulveriser that is fitted to the excavator.



Dust suppression at source

## **Activity 3 - Commence mechanical demolition**

A3.1 A 360 Excavator fitted with a rotating demolition sorting grab will commence to demolish the first section of the single storey building. The operator will strip off the roof section and will place any bitumen covering directly into a 45- yard bin

A3.2 The operator using the 360- excavator fitted with the sorting grab will then reduce the walls down to slab level. The demolition arisings will be separated for recycling as described in activity 4.

A3.3 Once the walls are down and removed the excavator operator using the 360- excavator fitted with a bucket will commence lifting the slabs and foundations. The slabs will be lifted and processed using a concrete pulveriser. The demolition arisings will be separated and stockpiled for crushing.

A3.4 Once the slab is lifted and processed ready for crushing and recycling the plant operators will continue onto the next available building and the procedure repeated.

## **Activity 4 – Segregation and recycling**

A4.1 The site team using multiple excavators fitted with sorting grabs, demolition shears and pulverisers will commence sorting through the demolition arisings.

A4.2 The excavator operators will sort through the demolition arisings and place the separated products into pile for recycling. The teams will have skips and bulker trailers at hand to load away all recyclable materials.

A4.3 The excavator operators will spread demolition arisings into a safe area where operatives can sort through without risk of being struck by excavators or moving vehicles. Operatives working in the safe area will sort through the debris pulling out any cable or non- ferrous metals for recycling. The recycling materials will be placed into 10- yard bins to be sent to the recycling facility.

## **Activity 5 - Crushing and recycling**

### **Crushing**

#### **1. Moving the crusher**

- 1.1 The crusher operator will move the crusher using the remote control, the crusher operator will be located at ground level at all times. The crusher will then be positioned adjacent to the stockpile of processed demolition material.

#### **2. Access to crusher & excavator**

- 2.1 Pedestrian access to and from the crusher will be obtained from the pedestrian walk route established as stockpiles are cleared.
- 2.2 The pedestrian route around the crusher will be cleared of all materials and will remain trip free at all times. It is the responsibility of the crusher operator to ensure this route is kept clear.
- 2.3 No operatives will walk under running belts at any time.

#### **3. Excavator & crusher operator to carry out daily checks**

- 3.1 The crusher operator will carry out and record daily and weekly checks of the crusher as per manufactures guidance.

#### **4. Start up and shut down crusher**

- 4.1 The crusher operator will operate the crusher in accordance to the manufactures instructions manual ensuring that the correct start up and shut down procedures are followed at all times. The crusher operator manual will be located with the crusher and will be referred to at all times when carrying out operating and maintenance procedures.
- 4.2 The keys will be removed from the crusher at all times when the crusher is left unattended or when the crusher is not in use.

#### **5. Operate & crush materials**

- 5.1 All the demolition materials have been processed into separate stockpiles. The crusher will be positioned with the hopper against the processed stockpile. An excavator will form a level working platform on the stockpile.
- 5.2 The excavator operator will be given a signal to commence the loading of the processed materials into the crusher hopper.
- 5.3 The crusher operator will stand clear of the crusher and visually watch the operation of the crusher from the ground. The crusher operator will wear task specific PPE consisting of safety specs, gloves and RPE with P3 filter.
- 5.4 A second 360 excavator will be positioned at the end of the conveyor belt and will clear crushed material from the crusher delivery belt and place into stockpiles
- 5.5 Metal from the crushing process will be removed by an over band magnet and placed into skips for removal from site. Any waste (timber, plastic etc.) from the processing and crushing works will be placed into skips and removed from site
- 5.6 Water for dust suppression will feed the hoses on the stockpile before the materials go into the hopper.

- 5.7 Should material jam in the jaws of the crusher, then the crusher operator will first attempt to free the blockage by reversing the motion of the jaws. If that does not clear it, then the emergency stop button will be pressed, so that the material may be removed safely by the crusher operator using hand tools. Once cleared the pilot will re-start the machine and the works resumed. The crusher operator will use a hook to remove stranded reinforcement bar from the crusher belt whilst the crusher is operating. If reinforcement bar is too tangled the crusher will be stopped and isolated so that access can be gained to the belt to remove the reinforcement bar. If the operator has to stand on the crusher platform during operation a harness with a restricted lanyard will be utilised. The area around the belt will be kept clear of trip hazards. **Note:** the manufactures instructions will be followed when attempting to clear any blockages.
- 5.8 In common with all items of plant, during rest breaks the crusher will be shut down and prevented from unauthorised use eg immobilised or made safe by removing the key.
- 5.9 On completion of the crushing works all plant and machinery will be removed from site, on low loaders, and the site left clean and tidy.

### STOCKPILING & CRUSHING 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 |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Excavator operations                                   | Operatives on site 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 stand behind an excavator</li> <li>Ensure site traffic management plan is followed on site</li> <li>All operatives to use the pedestrian route established within the transfer station</li> <li>Crusher operator to be located on the ground where possible when the crusher is in operation.</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>Gradient of stockpile not to be too steep when tracking up and down</li> </ul>                                                                                                                                                                                                                                                                                                                    | Low                                                      |
|                                                        | Site operatives may suffer fatal or serious injury due to plant attachments being stored unsafely | High                                                      | <ul style="list-style-type: none"> <li>Plant attachments that are not fixed to the excavator must be stored on firm level ground</li> <li>Where necessary chocks must be used to prevent the attachment from toppling</li> </ul>                                                                                                                                                                                                                                                                                                                            | Low                                                      |
| Incorrect use of quick hitch/working under attachments | Site operatives may suffer fatal or serious injury if 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 manufactures instructions</li> <li>Attachments or loads must not be manoeuvred over the top of any personnel</li> </ul>                                                                                                                                                                                                                                                                            | Low                                                      |

|                    |                                                                                                                                          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |     |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Crusher operations | Crusher operator may suffer fatal or serious injury due to crusher operations                                                            | High   | <ul style="list-style-type: none"> <li>Crusher operator to be trained and competent</li> <li>Crusher to be operated in accordance with manufactures instructions</li> <li>All blockages must be carried out as per manufactures recommendations</li> </ul>                                                                                                                                                                                                                                                      | Low |
|                    | Crusher operator may suffer fatal or serious injury due to entanglement                                                                  | High   | <ul style="list-style-type: none"> <li>All safety guards to remain in place to protect against moving parts</li> <li>Crusher operator must not climb over or lean into the crusher chamber or hopper</li> <li>Ensure the correct start up/shut down and maintenance procedures are followed as per the manufactures instructions</li> <li>All loose items of clothing and jewellery to be secured</li> <li>Where possible operate crusher from ground level</li> </ul>                                          | Low |
|                    | Crusher operator may suffer chronic and acute deafness & respiratory problems due to noise of crusher & inhalation of dusts from crusher | High   | <ul style="list-style-type: none"> <li>Water to be used at all times when the crusher is in operation</li> <li>Crusher operator to wear RPE with P3 filter</li> <li>Crusher operator to wear hearing protection</li> </ul>                                                                                                                                                                                                                                                                                      | Low |
| 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 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>360 excavator to be utilised to move loads where possible</li> <li>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>All operatives to have undergone manual handling training</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> <li>Plant operators to ensure access routes are kept clear &amp; clean</li> <li>Crusher operator to ensure the walk routes are kept clear at all times</li> <li>Excavators to track down the stockpile to a safe location when exiting the cab. Plant operators to track to a clean and trip free area when accessing egressing cab of excavator</li> </ul> | Low |
| Falling objects    | Operatives on site may suffer serious or minor injury due to falling materials when crusher hopper is being loaded                       | High   | <ul style="list-style-type: none"> <li>All materials to be loaded into the crusher away from the crusher operator</li> <li>No operatives to walk under the belt of the crusher when in use</li> <li>Where possible operate crusher from ground level</li> </ul>                                                                                                                                                                                                                                                 | Low |

## Section 2

### MECHANICAL 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 muscular skeletal injuries when manually handling materials                          | High                                                      | <ul style="list-style-type: none"> <li>360 excavator to be utilised to demolish the building and move loads where possible</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>All operatives to have undergone manual handling training</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                | Low                                                      |
| Slips & trips        | Operatives & members of the public 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> <li>Exclusion zones to be banked and manned</li> <li>Exclusion zones to be removed at the end of each working day</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Low                                                      |
| Falling objects      | Operatives on site and members of the public may suffer serious or minor injury due to falling materials   | High                                                      | <ul style="list-style-type: none"> <li>Site to be enclosed with fencing prior to commencing demolition</li> <li>No operatives are to be inside the building during mechanical demolition</li> <li>Operatives to wear hard hats and steel toe capped &amp; steel mid sole safety boots</li> <li>No loads to pass over the top of any operatives</li> <li>Banksman to be used on site to ensure no personnel encroach into the demolition area</li> <li>Excavator operator to be experienced in demolition works</li> <li>Building to be demolished in bays ensuring the building is never undermined</li> <li>Building to be left in a safe state at the end of each shift</li> <li>Sequence and methodology to be approved by a structural engineer</li> <li>Arisings to be scrapped off the floors to prevent overloading</li> </ul> | Low                                                      |

|                                          |                                                                                                                                                                                                                                                                 |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|                                          |                                                                                                                                                                                                                                                                 |      | <ul style="list-style-type: none"> <li>• Road narrows and road closures to be implemented during certain phases of the demolition process</li> <li>•</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |     |
| 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> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Low |
|                                          | <p>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</p> <p>Excavator operators may suffer serious injury when re-fuelling excavators.</p> | 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 manufactures instructions</li> <li>• Attachments or loads must not be manoeuvred over the top of any personnel and must not be slewed over any of the site boundary</li> <li>• Excavator operators must be extremely careful when re-fuelling excavators.</li> <li>• Operators must use safe platform when re-fuelling.</li> <li>• Operators must be careful not to spill fuel when filling up.</li> <li>• Mobile towers may have to be introduced when filling up if excavators are not fitted with a boxing ring.</li> <li>• Operatives must carry out a risk assessment prior to filling up excavators.</li> </ul> | Low |
| Contact/strikes of live utility services | Plant operator 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 disconnected prior to commencing mechanical demolition</li> <li>• Utility disconnection paperwork to be located within the CPHSP</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Low |
| Contact / being struck by HGV's          | Operatives on site may suffer fatal or serious injury if struck by an HGV                                                                                                                                                                                       | High | <ul style="list-style-type: none"> <li>• Ensure site traffic management plan is followed on site</li> <li>• Any reversing into site must directed with the aid of a banksman</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Low |
| Dust during demolition activities        | Operatives and members of the public may suffer minor respiratory problems due to dust being created from mechanical demolition activities                                                                                                                      | High | <ul style="list-style-type: none"> <li>• Water will be directed onto the building to suppress any dust that may occur from demolition activities</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Low |
| Noise during demolition activities       | Members of the public and may suffer nuisance noise during mechanical demolition                                                                                                                                                                                | High | <ul style="list-style-type: none"> <li>• Structure to be demolished using a pulveriser to reduce the noise</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Low |

|                      |                                                                                                        |      |                                                                                                                                                                                                                                                                                                                                                                                                                                     |     |
|----------------------|--------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Collapse of building | Members of the public and may suffer fatal injuries if building collapses during mechanical demolition | High | <ul style="list-style-type: none"> <li>• Structure to be demolished working in bays ensuring that the building is stepped, and the floors are cleared of demolition arisings as the demolition progresses through the structure</li> <li>• Exclusion zones to be implemented around the structure</li> <li>• Road narrows and road closures to be implemented during certain phases of the demolition process</li> <li>•</li> </ul> | Low |
|----------------------|--------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|

### ***Section 3***

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

| <b>OPERATIVE SIGNATURES</b> |                  |             |                     |
|-----------------------------|------------------|-------------|---------------------|
| <b>Name</b>                 | <b>Signature</b> | <b>Date</b> | <b>Revision No.</b> |
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| <b>AMENDMENTS</b> |                                 |                                            |
|-------------------|---------------------------------|--------------------------------------------|
| <b>Time/Date</b>  | <b>Description of amendment</b> | <b>Signature of<br/>Manager/Supervisor</b> |
|                   |                                 |                                            |
|                   |                                 |                                            |

|                                                    |                        |
|----------------------------------------------------|------------------------|
| <b>Method Statement Produced By: George Steele</b> | <b>17 January 2023</b> |
|                                                    |                        |