

THE GRAPES

BARN DEMOLITION

RISK ASSESSMENT AND
METHOD STATEMENT

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Revision: 2 25/02/2023

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METHOD STATEMENT FOR BARN DEMOLITION

INTRODUCTION

This risk assessment and method statement (RAMS) has been prepared by JW AGRI (referred to hereafter as *JW*) for the demolition of the brick building . The RAMS must be read in conjunction with all documents prepared for this project, in particular the Construction Phase Plan (CPP) prepared by the Principal Contractor (PC), the Pre-Construction Information (PCI) prepared by the Principal Designer (PD) and any Designs / Design Risk Assessment (DRA) prepared by the scheme Designers.

Works will be carried out in conjunction with Wyre Council, and any other interested parties who may be affected.

All JW workers on this project must read and understand the contents of this and associated documentation and sign the declaration at the end.

Any queries in respect of these RAMS should be referred to Jack Whitaker, health and safety adviser to JW AGRI,

NB. Should any worker(s) be placed in a position of imminent danger (of a physical or mental health nature), or there is the potential for damage to property, that worker(s) has full authority to suspend works immediately. In such an event, risks will be assessed dynamically, and appropriate actions taken to reduce risks to a level which is as low as reasonably practicable.

Should a work task change then these RAMS must be reviewed and amended accordingly.

Decisions made as a result of dynamic risk assessments will not be recorded unless the approach to the task changes significantly, in which case these RAMS will be amended, and the changes will be subject to the review process.

SITE ADDRESS

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Project dates	JW will carry out their works on 31 st January 2024. The works will be carried out in line with the latest programme of works, subject to weather and other contingencies.
Description of work to be done	<p>JW will carry out site set-up and mobilisation work to facilitate the demolition brick building. Heras fencing will be erected to ensure a secure site boundary. The area will also be fully segregated from other works. The wider project works will continue by others and under management of the Principal Contractor. JW works will include:</p> <ul style="list-style-type: none"> • Liaison with Wyre Council representatives to plan set-up / mobilisation works and locations of heras fencing to ensure a secure site boundary at all times • Arrange site diversions and ensure traffic flow / management is safe at all times • Local site segregation (erection of hoardings, heras fencing, chapter 8 barriers, signage etc) • Carry out the demolition works • Stockpile waste for others to reuse / dispose of. <p>There will be no hot works. Wyre Council will issue a Permit to Demolish.</p>
Emergency contacts	Jack Whitaker 07766076612
Resources - People	<p>Project Manager – Jack Whitaker – SMSTS, HSG47, First Aid, CPCS Site operatives – Glin Dod will support the project managers</p>
Resources - Physical	<p>JW will provide plant (8tn excavator) along with tools and resources as required.</p> <p>Workers will be competent in the safe use and operation for all equipment to be used on site. They will also be competent in the demolition techniques to be deployed for demolition of the brick building.</p>

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<p>Access & egress arrangements</p>	<p>The PC is responsible for provision of all site segregation and access to site. Access and egress routes to be followed in line with Barking Energy Centre and PC induction.</p>
<p>Toolbox talks</p>	<p>Prior to every working shift, JW site manager to provide task briefing to all staff setting out the goals for the day, likely hazards and risks to be encountered and the controls to be implemented to reduce the risks to a level which is as low as reasonably practicable.</p> <p>In the absence of Jack Whitaker being on site, Glin Dod will carry out the above task.</p> <p>Workers will be given the opportunity to comment on the approach to the work and encouraged to make suggestions in the interest of health and safety or good working practice.</p>
<p>Task methodology and sequence of work</p>	<p>Prior to starting work, workers will</p> <ul style="list-style-type: none"> • Receive a site induction from Wyre Coucil and PC • Receive a task briefing for the work to be undertaken that shift by JW • Liaise with other workers on site to ensure there is no conflict between the planned works of each party • Agree materials laydown areas with the PC and other workers on site • Check service drawings, ground surveys and carry out CAT scanning prior to carrying out any planned breaking ground and demolition activities • Study the PCI, CPP, design drawings and RAMS prepared for the tasks to be carried out • Ensure all existing building services are either made dead (by others), highlighted via paint and other markers and protected if necessary • Ensure they have the necessary PPE available • Ensure they are trained, competent and authorised to carry out the tasks allocated to them • Ensure site is safe and secured • Complete the description of works as described above. <p>NB: Hot works are not anticipated, but if that need changes, e.g. use of angle grinder or other disc cutter, a hot works permit must be obtained from Wyre Coucil</p> <p>Changes to planned methodology of works:</p>

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	<ul style="list-style-type: none"> • Should additional tasks be identified, or changes made to the sequence / planned methodology of works, the changes must be made clear to all parties on site and agreed with the PC in advance • The impact of changes to the planned sequence or methodology must be properly risk assessed prior to being implemented. <p>At the end of every working shift, and at the end of the project, JW will ensure the site is left in a clean, tidy and safe condition. All waste generated by JW to be stockpiled on site in an area to be advised by the PC. The PC will determine the re-use, recycling, or permanent disposal.</p>
Welfare	Adequate welfare and toilet facilities will be available at the site which meet the requirements of schedule 2 of the Construction (Design and Management) Regulations 2015.
First Aid	Adequate first aid facilities to be available via the PC and the client.
Accident Reporting Arrangements	<p>All accidents must be reported immediately to the PC/JW immediately and recorded in the site Accident Book.</p> <p>All accidents must be reported to the Client and the PD.</p> <p>In the event of a major accident, please inform: JW</p>
Lone Working	There should be no requirement for lone working.
Environmental Considerations	<p>All waste streams to be covered (PC will provide).</p> <p>Any work is in close proximity to surface and foul drains may require protection.</p>

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Waste Management	Spoil to be stockpiled and handed over to the PC.
Personal Protection Equipment	<p>The following PPE shall be worn at all times:</p> <ul style="list-style-type: none"> • Safety helmet • High visibility jacket or vest • Robust workwear • Safety footwear • Eye protection, hearing protection and respiratory protection during cutting and drilling works • Handling gloves during handling tasks • Dust mask to FFP3 standard (face fit tested) to be worn during dust generating operations, if applicable • Possible use of sun protection to exposed skin, given the work is outdoors.
Temporary Works Coordinator	The temporary works coordinator for JW is Jack Whitaker. Jack Whitaker to monitor all hoardings, heras fencing, temporary steps, excavations, access to work at height equipment, and temporary edge protection, etc. requirements.
Training Setting to Work Occupational Health	<p>All JW workers to have received suitable information, instruction and training and are thus deemed competent to undertake the planned works. All workers to have CSCS cards. Suitable and sufficient supervision will be provided by JW, or Glin Dods planned or contingent absence. All workers to be competent in risk management techniques to cover contingent circumstances where dynamic risk assessment is needed.</p> <p>Health monitoring will be carried out as follows:</p> <ul style="list-style-type: none"> • Noise (Hearing protection will be made available to all workers for noise levels in the range 80 – 84DB. Workers will be encouraged to wear hearing protection. Workers will be instructed to wear suitable hearing protection for noise levels of 85DB and above. Workers to monitor for noise induced hearing loss or tinnitus). • Skin (Skin checks to be carried out by workers on a regular (daily basis) and particularly when using / working with concrete or cement-based products, and for the effects of exposure to the sun)

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	<ul style="list-style-type: none"> • Vibration (HAVS assessment (refer to vibrating tools risk assessment) to be adhered to when using power tools. Workers to monitor for HAVS / WBV) • Manual handling (Workers will be monitored for MSD. Good levels of general fitness required to carry out the tasks. Workers to monitor health on a regular basis) • Dust (Ensure risk assessments controls are followed for dust generating activities such as cutting, drilling etc. Workers to monitor state of general and respiratory health).
Monitoring Activities	Site health and safety monitoring activities will take place regularly. This will include formal health and safety inspections to be undertaken by JW
Compliance Obligations	JW will meet all compliance requirements as set out in legislation, approved codes of practice, industry guidance, client and contract obligations.
Health and Safety of Non-Workers	All works wherever possible shall be carried out within a segregated area of JW. The health and safety of non-workers to be considered at all times and in particular when arranging deliveries and collections to site.
Noise and Dust Nuisance	Every effort must be made to keeping noise and dust levels to a minimum.
Working Hours	<p>There are restrictions on working hours that must be complied with. Working hours must be agreed with the Client Representative prior to any works commencing.</p> <p>Weekend working is not envisaged to take place. Weekend working will need to be agreed with the Client Representative prior and in line with any planning restrictions.</p>

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Temporary Works	Any temporary works to be carried out in line with JW Management of Temporary Works Procedure.
Security	The site is to be kept secure at all times. Workers are to be vigilant from a security perspective at all times.
Asbestos	Asbestos containing materials have been identified on site by the Principal Contractor. All controls set out in the asbestos refurbishment and demolition survey will be fully implemented. In addition all controls advised by the Principal Contractor to be adhered to.
Suspend Policy	<i>Should any worker(s) be placed in a position of imminent danger (of a physical or mental health nature), or there is the potential for damage to property, that worker(s) has full authority to suspend works immediately. In such an event, risks will be assessed dynamically, and appropriate actions taken to reduce risks to a level which is as low as reasonably practicable.</i>

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RISK ASSESSMENT FOR Brick Building DEMOLITION

Risk Assessment N°:	JW 1								
Description of Works :	Brick building Wall Demolition								
Site and Location of works :	All sites				Duration of Works :	In line with programme			
Persons at Risk :	Employees	Contractors	Visitors/ Public	Client	Assessed By :	J Whitaker			
	YES	YES	YES	YES	Date of Assessment :	25/02/2023	Review Cycle :	Continual	
Code - L = Likelihood: 5 - Almost Certain, 4 - Likely, 3 - Even Chance, 2 - Unlikely, 1 - Improbable.					Risk Rating: 1 - 6 Low, 7 - 11 Medium, 12 + High				
Code - S = Severity: 5 - Very High, 4 - High, 3 - Moderate, 2 - Slight, 1- Negligible.									
Task / Activity	Hazard Reference No	Hazard Identification and Foreseeable Risk	Without Controls			Control Measures	With Controls		
			L	S	Risk		L	S	Risk
Brick Building Demo	1	Hazard from environment and task – shock, burns, fire, explosion, crushing, contact with plant and equipment. Death	3	5	15 H	All work to be carried out in accordance with Wyre Coucil Safety Rules. Work only in safe demarcated areas. Local risk assessment to be carried out prior and ongoing through the works including ground conditions, lighting, overhead and underground services, interface with others, weather conditions, plant and equipment, etc. to be accessed.	1	5	5L

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Task / Activity	Hazard Reference No	Hazard Identification and Foreseeable Risk	Without Controls			Control Measures	With Controls		
			L	S	Risk		L	S	Risk
CONCRETE WALL DEMOLITION	2	<p>Working adjacent to live services including high voltage electricity Shock, burns, fire, explosion. Death. Impressed Voltage</p>	3	5	15H	<p>Operatives shall liaise with, and be briefed on, works taking place in the same vicinity as this contract. All Works planned in advance to coordinate around other planned works. All personnel will be instructed to report any hazards being caused by any other contractor. Advice to be sought from the site controller on impressed voltage materials that conduct electricity may require field earths attached by a competent person. TBT to be given to all on the dangers of Impressed Voltage.</p>	1	5	5L
CONCRETE WALL DEMOLITION	3	<p>Working at Height Fatality Major injury</p>	3	5	15H	<p>All work will be in line with agreed method of work. Ladders to be footed at all times.</p>	1	5	5L

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Task / Activity	Hazard Reference No	Hazard Identification and Foreseeable Risk	Without Controls			Control Measures	With Controls		
			L	S	Risk		L	S	Risk
CONCRETE WALL DEMOLITION	4	Lifting Operations Fatality Major injury Dropped loads Contact with load	3	5	15H	Only trained, certified and experienced staff to operate machinery. SWL of lifting equipment and accessories never to be exceeded. Visually check all equipment for defects before use. Defective equipment must not be used. Defective equipment must be immediately quarantined. Report all damage and defects immediately to supervisor. Lifting operations to be under control of a competent person (Appointed Person / Supervisor for Lifting) at all times. Clear precise signals to be given to lifting operator. One nominated person to give clear signals to lifting operator.	1	5	5L

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Task / Activity	Hazard Reference No	Hazard Identification and Foreseeable Risk	Without Controls			Control Measures	With Controls		
			L	S	Risk		L	S	Risk
CONCRETE WALL DEMOLITION	5	Work in the vicinity of other contractors Work injuries due to lack of coordination and failure to adhere to safety measures.	3	4	12 H	Operatives shall liaise with, and be briefed on, works taking place in the same vicinity as this contract. All Works planned in advance to coordinate around other planned works. All personnel will be instructed to report any hazards being caused by any other contractor.	1	4	4 L
CONCRETE WALL DEMOLITION	6	Working area Access and egress. Collision with moving vehicles.	3	4	12H	Vehicle and pedestrian access and egress to be adhered to at all times. Height barriers and pedestrian barriers must also display clear visual signage and be deployed where necessary. Hi Visibility clothing to be worn at all times. Exclusion zones to be erected around work activities and none essential personnel excluded from the area.	1	4	4L

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Task / Activity	Hazard Reference No	Hazard Identification and Foreseeable Risk	Without Controls			Control Measures	With Controls		
			L	S	Risk		L	S	Risk
CONCRETE WALL DEMOLITION	7	<p>Use of Lifting Equipment</p> <p>Defective equipment could be used resulting in injury or damage to equipment being lifted</p>	3	4	12H	<p>Lifting appliances will have a current certificate of thorough examination (12 months) and be visually inspected prior to setting up and then re inspected once set up.</p> <p>All lifting accessories must have a current certificate of thorough examination (6 months) and be inspected prior to use.</p> <p>All defective equipment will be removed from site immediately and the supervisor informed.</p>	1	3	3L
CONCRETE WALL DEMOLITION	8	<p>Adverse weather conditions.</p> <p>Lack or loss of control/ movement of building, causing damage causing damage to building, property, public, and operator.</p>	3	4	12H	<p>Load to be controlled using guide ropes. Load to be kept lose to the ground. Lifting operations to be stopped if weather conditions are too severe.</p>	1	4	4L

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Task / Activity	Hazard Reference No	Hazard Identification and Foreseeable Risk	Without Controls			Control Measures	With Controls		
			L	S	Risk		L	S	Risk
CONCRETE WALL DEMOLITION	9	Manual Handling Injury to Operative Abrasions, Bruising, Cuts, Fractures, Crushing, Back Strain, Hernia's, Musculo-skeletal injury, Entrap-ment of Limbs	3	3	9M	Assess the load Ensure personnel trained in manual handling Adopt correct Manual Handling Technique Wear appropriate PPE in accordance with Barking Energy Centre Policy Maintain Good Housekeeping Keep Routes and Walkways Clear Immovable objects to be marked Assess The Level of Difficulty Check for Abnormal Movement Check and use if Fit For Purpose Keep Load Close to Body Avoid Unnecessary Twisting / Stooping Use Mechanical Aids / Seek Assistance Observe Stability of Load Ensure Regular Rest Periods Maintain Suitable Climate Conditions	1	3	3L

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Task / Activity	Hazard Reference No	Hazard Identification and Foreseeable Risk	Without Controls			Control Measures	With Controls		
			L	S	Risk		L	S	Risk
CONCRETE WALL DEMOLITION	10	<p>Setting up of lifting equipment (including Hiab's for routine lifts / deliveries)</p> <p>Lifting equipment not level, stabilizers not supported resulting in excess ground pressure. Stabilizers not fully extended</p>	3	3	9M	<p>Ensure stabilizer ground mats are used. Stabilizers are to be ex-tended in accordance with manufacturer's instructions.</p> <p>TW coordinator to agree position of lifting equipment in line with TW register and approved lift plan.</p>	1	3	3L
CONCRETE WALL DEMOLITION	11	<p>Use of hand and power tools</p> <p>Injury to Operative Abrasions, Bruising, Cuts, Crushing, Entrapment of Limbs, etc.</p>	2	3	6M	<p>Suitable hand tool to be used for task. Pre-inspection for safety to be completed prior to use. Workers to be competent in the use of tool. Tools to be maintained, serviced and certified as required (PUWER / LOLER, etc.). Personal protective equipment to be worn including standard requirements, respiratory, eye and ear protection. Do not leave tools in an unsafe manner and ensure areas display good housekeeping after use.</p>	1	3	3L

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Task / Activity	Hazard Reference No	Hazard Identification and Foreseeable Risk	Without Controls			Control Measures	With Controls		
			L	S	Risk		L	S	Risk
CONCRETE WALL DEMOLITION	12	<p>Breaking Ground The potential for fire, explosion, public nuisance and electrocution may cause personal injury or death to workers and others affected.</p>	4	4	16H	<p>Ground surveys to be completed and services identified using a cable avoidance tool. All identified services will be marked out on the ground. All works must be segregated off with suitable safety signage displayed. Any holes / excavations must be fully segregated off using barriers / trench covers at all times.</p> <p>All works to be completed in accordance with HSG47; avoiding underground services. Safe digging techniques to be enforced and supervised by the Site Manager.</p> <p>Only competent persons will be involved in breaking ground activities. Insulated tools are to be used.</p> <p>Access and egress routes to be suitable and kept free from mud.</p> <p>Should contact be made with any service works must stop immediately. Inform the Site Manager and Client Representative.</p>	1	4	4L

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Task / Activity	Hazard Reference No	Hazard Identification and Foreseeable Risk	Without Controls			Control Measures	With Controls		
			L	S	Risk		L	S	Risk
CONCRETE WALL DEMOLITION	13	<p>Demolition of concrete wall The potential of personal injury or possible death resulting from crushing and falling materials</p>	4	4	16H	<p>Any services that may be disturbed must be identified, isolated and of zero state energy prior to works commencing.</p> <p>Nearby vegetation to be cut back by others prior to works commencing.</p> <p>There are some exclusion zones identified currently which must not be entered / disturbed.</p> <p>Concrete wall to be removed in small sections from the top of the wall wherever possible.</p> <p>Excavator shall only be used within safe working load capacities.</p> <p>No persons are to stand near the drop zone in case of premature collapse.</p> <p>Excavator to be positioned at a distance where the concrete wall cannot collapse on to it. Waste materials are to be stockpiled in a safe location.</p>	1	4	4L

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Task / Activity	Hazard Reference No	Hazard Identification and Foreseeable Risk	Without Controls			Control Measures	With Controls		
			L	S	Risk		L	S	Risk
ASBESTOS CONTAINING MATERIALS	14	<p>Asbestos containing materials on site Inhalation of asbestos containing materials (fibres) can result in ill-health years down the line including lung cancer, asbestosis and mesothelioma.</p>	4	5	20H	Asbestos containing materials have been identified on site by the Principal Contractor. All controls set out in the asbestos refurbishment and demolition survey will be fully implemented. In addition all controls advised by the Principal Contractor to be adhered to. All workers will be asbestos awareness trained.	1	5	5L
<p>REMEMBER TO COMPLETE A DYNAMIC RISK ASSESSMENT PRIOR TO STARTING YOUR WORK</p>									

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RAMS BRIEFING ATTENDANCE SHEET

Project name:

Documents briefed: RAMS and supporting documents

Date:

Briefed by:

Full Name	Job Role	Signature

I confirm that I have received the RAMS briefing and understand the health and safety requirements. My name and signature are a record of attendance and commitment to follow the RAMS and instructions provided. Should there come a point where an activity is / may become unsafe, or the RAMS cannot be followed in full I will stop work and consult my Supervisor. All attendees are actively encouraged to ask questions and put forward suggestions for continual improvement.

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