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Demolition Plan / Method Statement

Revision 03

Project at:

**Aspinall Street
Prescot
L34 4AA**

Prepared by:

Name	Signature	
Angus Smith		

Approvals:

Position	Name	Signature	
Manager	Angus Smith		

I confirm that I have read, understood and agreed the contents of this Demolition Plan / Method Statement

Name	Signature	Date

Document Title:	Demolition Plan / Method Statement
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Issue Details:

No.	Issued to (Name):	Position:	Location:	Date:
1.	Angus Smith	Manager	Alphabet Homes Limited	18/044/222
2.	Richard Dears	Director	Alphabet Homes Limited	18/044/222
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8.				

Revisions:

Rev.	Revision Details			Date:
00	• First Issue	Prepared by:	Angus Smith	18/044/222
		Approved by:	Alphabet Homes	18/044/222
	•	Prepared by:		
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This Demolition Plan will be reviewed, added and updated as the project develops. Circumstances when the plan will be amended are as follows:

- *New information from surveys*
- *Unforeseen circumstances*
- *Variations to client requirements*

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1.0 INTRODUCTION

This Demolition Plan / Method Statement detail the safe system of work for the demolition of Aspinall Street, Prescot for Alphabet Homes Limited.

2.0 SCOPE OF THE WORKS / DEMOLITION

2.1 Scope of the Works

Full Demolition of the building shown in the photo below. **Note: An asbestos survey was carried out and identified many ACM's. The ACM's to be removed before any other demolition is carried out.**

The property (Aspinall Street) is a single storey building, Eccleston house is a timber frame building within 2 meters of the post office, where deemed beneficiary this will be hand dismantled. The rest of the building will be demolished by machine and sorted into skips. Bricks/ MOT will be removed from site via tipper waggons. The site will be left level with no storage of materials. **No burning or fire on site.**

Working times: **Mon to Fri – 08:00 to 18:00, Sat – 08:00 to 13:00. No Sunday working.**

or Bank Holidays



2.2 Programme of Works

The Demolition will commence: May 2022

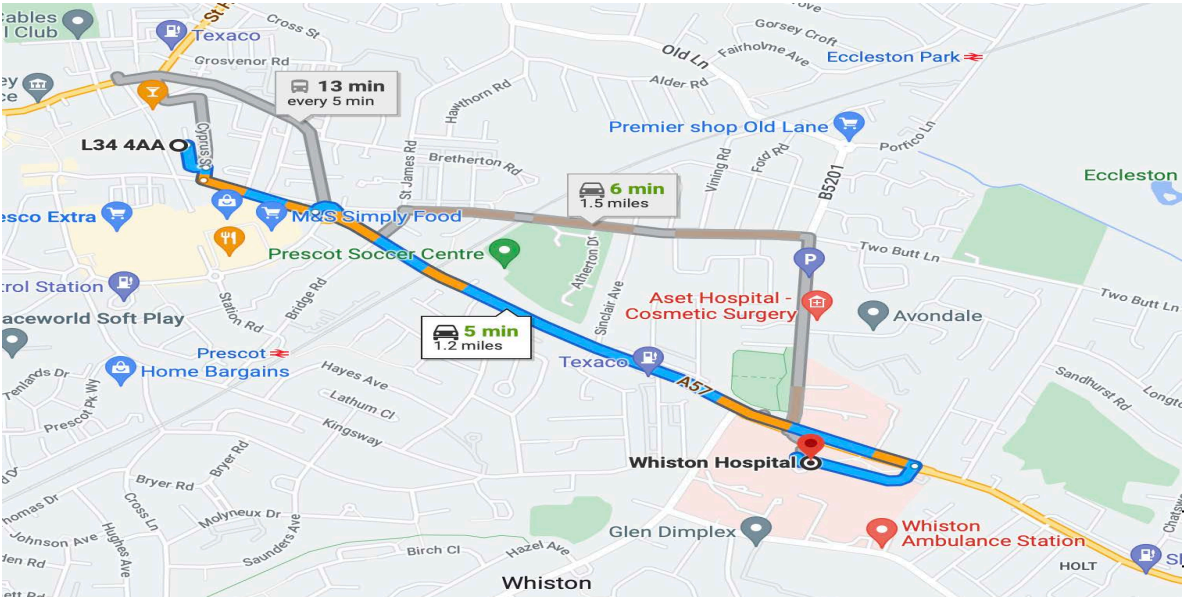
Demolition Period: 7 Weeks

2.3 Location Plan

Aspinall Street



2.4 Emergency Procedures

	Gas:	0800 111 999
	Electricity:	0845 272 2424
	BT:	0800 917 3993
	United utilities:	0800 052 0130
Site Emergency Notice (To Be Displayed on Site)		
Site Name		Aspinall Street
Address		Aspinall Street Prescott Prscot
Telephone Number		
Location of Emergency Telephone		Use Mobile Phones
Location of First Aid Box		See Fire / Welfare plan (Displayed)
Name of First Aiders		
Location of Fire Fighting Equipment (Extinguishers)		See Fire / Welfare plan (Displayed)
Emergency Evacuation Point		See Fire / Welfare plan (Displayed)
Emergency Warning		Fire Alarms (Screamers / Rotary Bells)
Address / Location of nearest Emergency Hospital (to include location map)		arrington Rd, Rainhill, Prescott L35 5DR Tel: 0151 426 1600 Type of Hospital: Major acute - Major A&E - Open 24 hours 1.2 Miles from Site (5 minutes)
		
Names of Fire Wardens and Marshall's		On Site



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SITE FIRE SAFETY PLAN (to be Displayed on Site)

To safeguard against life, damage to property and the effects of fire Alphabet Homes Ltd will draw up a fire plan in line with the revised guidance HSG 168 Fire safety in construction. The site manager will be deemed as the responsible person on site. Fire arrangements will be conveyed to all persons during the site-specific induction signage will be displayed as needed and any changes will be agreed with the client's representative at the project and will be conveyed through the medium of toolbox talks to all operatives on site.

Fire Induction	All persons coming to site will undergo an induction detailing the precautions put in place and actions to be taken in the event of a fire or emergency.
Extinguishers	Will be positioned in the Site Cabin and located at various points around the site depending on the work activities underway. A suitable fire extinguisher must be present when carrying out any Hot Works or Electrical works.
Exit Routes	These are always to be kept clear, should a need arise to change any routes all personnel will be instructed of the changes
Assembly Points	Will be as directed by the Site Manager / Site Foreman and may change dependent on-site operations. Site Personnel will be informed of any changes.
Outbreak	An air horn will be sounded should a fire breakout on site. The Site Compound will be designated as the assembly point for all persons on site. This will be conveyed during induction. The alarm must be raised immediately, and contact made with the Site Manager / Site Foreman, emergency services and / or client.

DO NOT PRESUME THAT SOMEONE ELSE HAS MADE THE CALL TO THE EMERGENCY SERVICES.

The Site Manager / Site Foreman will also undertake a daily fire safety check, which will include:

- The means of escape is maintained
- High standards of housekeeping
- Hot work Electrical work or any work is carried out under a permit to work.

A "Hot Works Permit" will be required where there is a risk of fire to existing structures arising out of the construction activity.

The "Hot Works Permit" will detail the precautions and procedures to be adopted to avoid the risk of fire and to ensure that the area is left in a safe condition once works are complete.

Examples of activities that may require a Hot Works Permit are welding, brazing, flame soldering, grinding or using a blowlamp.

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3.0 TRAINING / COMPETENCY REQUIREMENTS

All site supervision will be suitably trained.

The Supervisor / Manager have sufficient, skills, knowledge and experience within the field of demolition, supported by reference from past works and also supported by the HSEQ Consultant. **Supervisor to be named by Alphabet Homes Ltd closer to project start date.**

References:

Company	Project	Contact Details
Lidl UK GmbH	Outbuildings, Lidl Store, Holyhead	Dominic Bryan – 01928 532806
Adston Construction	Main Lidl Store, Holyhead	Rory Harte – (+353) 87 9505348
Keepmoat	Abbey Street & Henry Street, Rhyl	Stuart Bowen – 0151 728 1200
St David's Park Limited	Coed Helen Holiday Park, Caernarfon	Steve Davies – 01248 852341
Pure Residential & Commercial	HM Stanley Site, St. Asaph	David Wilkinson – 01745 583556

All machine drivers will be Health & Safety tested and hold the relevant CPCS / NPORS card appropriate to the machine being operated.

All operatives selected for the demolition work have been selected for their skills, knowledge and experience for this type of work.

All banks men and site labourers will be Health & Safety tested and hold the relevant CSCS / CPCS card. Any CAT Scanning will be carried out by a trained operative.

All Asbestos Removal Operatives will have received the UKATA Asbestos Removal Training. **All Operatives have been Face Fit Tested for the RPE worn.**

Copies of which will be available within the site file and at Alphabet Homes Ltd head office.

Full first aider to be on site at all times.

4.0 EQUIPMENT REQUIRED

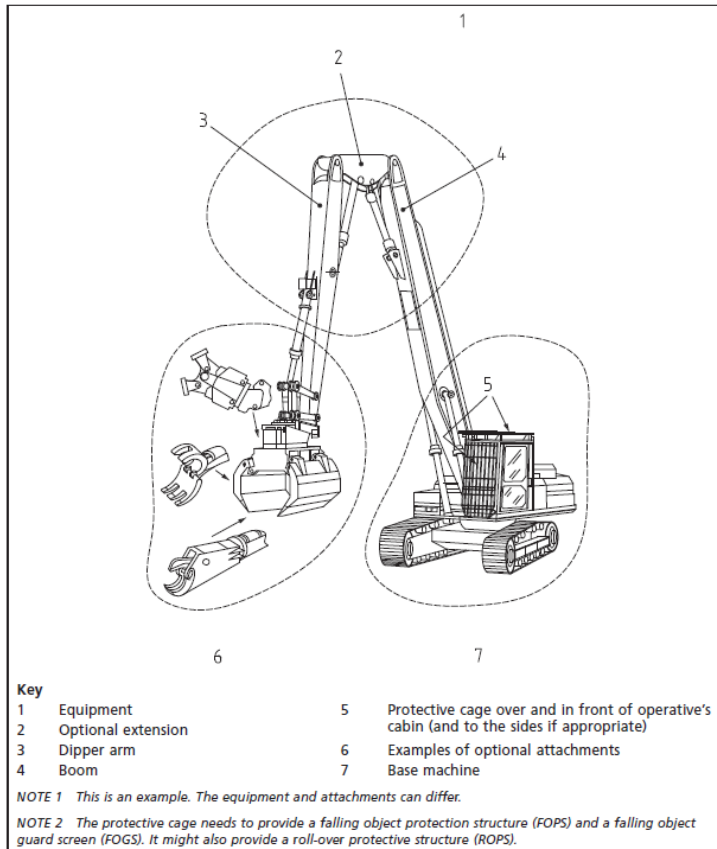
Any plant required to carry out the works will be announced prior to delivery on site. Notwithstanding it is expected that the following items of plant will be required:

- Mobile Elevated Working Platform (MEWP)
- Abrasive Wheels
- Hand Tools
- Welding Equipment
- Tower Scaffolds (Erected by PASMA Trained Operatives)
- 360° Excavator with a pecker attachment
- Crusher

All plant will be hired in for this project.

Certification for the above plant & operative training will be held at the work site. All static plant will be positioned on a plant nappy to eliminate / minimise spills causing environmental incidents.

Plant, Tools and Equipment should be hired in from suppliers that have been approved by Alphabet Homes Ltd. The selection of plant, tools and equipment shall include for the reduction of ill-health effects, e.g. reduced noise and vibration emissions.



All plant and equipment should be fully certificated, have evidence of a current thorough examination and should only be operated by persons who have reached the age of 18 years, hold a relevant CSCS / CPCS / NPORS certificate of competence for the specific item of mobile plant, and they have been authorised to operate the plant by the project management team.

All plant and equipment shall be used and maintained in accordance with the Provision and Use of Work Equipment Regulations (PUWER).

All powered equipment and tools brought onto site should have the appropriate records of PAT testing.

5.0 WELFARE REQUIREMENTS

Alphabet Homes Ltd will ensure that the appropriate welfare facilities are provided and maintained according to the size of the workforce and nature of the work. No materials are to be stored on site. cabins will powered of mains supplies. No generators on site.

An assessment must be carried out to determine the specific welfare requirements and arrangements throughout the project; from day one of site set-up to the last day personnel are on site.

It has been agreed that Welfare will be provided by **Alphabet Homes Ltd** for the duration of the Demolition Works only. This complies with the minimum requirements set out in Schedule 2 of the CDM Regulations 2015.

A mess room, canteen and toilet facilities of appropriate size will be provided for all to use.

The minimum requirements are a water boiler (for tea, coffee, etc.), fridge and microwave oven, cooker or similar to be made available for use.

Site first aider(s) will be nominated by Alphabet Homes Ltd. Name(s) will be made known to all site operatives by means of signs / notices at appropriate places. A First Aid kit will be located in the site office, denoted as such by the green and white First-Aid sticker.

Site management will plan to ensure all welfare facilities are cleaned on a regular basis and maintained to the highest standards. **Operatives to keep clean.**

Welfare facilities will be provided by Alphabet Homes Ltd for the demolition works only.

6.0 METHOD / SEQUENCE OF WORKS

6.1 Surveys

A full Demolition / Refurbishment Asbestos Survey was carried out by Peter Jones in OCTOBER 2021 and tested by JB-Monitor. All identified no Asbestos on site

All handling, removal and disposal of asbestos must conform to the HSE Control of Asbestos Regulations 2012.

Alphabet Homes Ltd will implement appropriate emergency procedures if any other suspected ACM's are found in any of the working areas and this procedure must be highlighted and identified.

The following process will be applied and implemented:

- Do not disturb suspected material and stop work immediately.
- Isolate the area, shut doors and windows etc.
- Inform people in the immediate area and request that everyone keep away.
- Contact the Site Manager and Client.
- Post warning signs.
- Samples will only be taken by UKAS accredited asbestos company.
- Comply with the Client's instructions in regard to what is to be done concerning its possible removal.

No other surveys were carried out for this project.

6.2 Programme of Works

The Demolition will commence: May 2020
Demolition Period: 7 Weeks

6.3 Site Induction

All management, operatives and sub-contractors will receive a Site Safety Induction; prior to commencing works on site, in accordance with Site Safety Induction document.

The Site Manager will make all operatives aware of the content of this plan, fire evacuation procedures, site rules etc. Statutory health and safety notices shall also be clearly displayed on site. Safety issues will be reviewed, as deemed necessary, and on a regular basis with sub-contractors.

All visitors to site must report to the site office for a site induction and sign the visitors' book.

All operatives and visitors on site must "sign in" when they arrive and "sign out" when they leave, on the attendance record sheet.

SITE RULES:

The rules detailed below have been determined by risk assessment and apply to everyone working on the project. Client requirements have been included.

The **Alphabet Home Limited (Principal Contractor)** Site Supervisor may impose additional or amended rules as the result of continued risk assessment review, on all or part of the project.

Any persons found contravening the rules below may be subject to disciplinary action, which could include exclusion from site.

The Standard Site / Induction Rules:

- It is your duty to take care of your own health and safety and for the health and safety of all other persons who may be affected by your acts or omissions.
- You must remain alert at all times and keep a sharp look out, not only for vehicles and plant in the work's area but also for vehicles and plant which may enter the work's area accidentally.
- When on site you must wear safety footwear, safety helmets and any other PPE required by contractor's assessments.
- Good housekeeping is essential on the site. Keep the site tidy. Remove all rubbish as soon as possible. Ensure all materials are stored in appropriate container and in a proper manner.
- You must obey the instructions of your supervisors. Wilful disregard of these site safety rules will result in being removed from site.
- Unauthorised visitors, children and personal pets are not allowed in the work's area.
- You must not take part in or encourage 'horse-play' of any kind.
- Consumption of alcohol within the bounds of the site is prohibited. You will not be allowed to work if unfit to do so due to the influence of drink or drugs.
- You must only enter & leave the site at the authorised points and not by any other route.
- You are required to attend an induction session and will not be allowed to work unless you have done so.
- You will attend all site safety training sessions as may be required from time to time by site management.
- Report any hazards, near misses, etc to your supervisor / manager.
- All injuries, ill health and damage incidents must be reported to site management.
- Plant and equipment must only be operated by trained and authorised personnel in the manner for which it is designed.
- A permit to work system will be operated for the following activities: hot works, electrical systems, confined spaces, working at height, excavations. Other activities may be included as decided by the site manager.
- Scaffolding and / or suitable guardrails must be provided to areas where falls are possible. Where these cannot be provided other fall arrest systems such as netting will be used. You must not work in situations where there is a risk of falling. Safety harnesses must not be used without authorisation from Site Management.
- Do not use ladders which are not tied and secure or scaffolding which is incomplete.

The Company does not permit the consumption of alcohol during working hours and forbids the use of illegal drugs. Operatives are reminded that alcohol, on average takes one hour per unit to be processed and therefore care must be taken to ensure that you are not still under the influence of alcohol should you drink the previous evening.

Name	Signature	Date

6.4 **Safe Access and Egress**

Traffic routes must remain clear at all times for emergency access. Parking will be limited to the designated parking area on site (**Parking must be off road**). Traffic routes must remain clear at all times for emergency access and also the free flow of other traffic. 3 spaces will be designated on site, pay and display car parks will be use as over flow.

All abnormal deliveries should check their route to site before delivery these will be conducted at 8 am when traffic is at its lowest. All plant and storage on site should be properly secured at night and when not in use.

Advance warning signs advising of the construction site and presence of heavy vehicles will be installed at the start of the project.

Vehicles to enter and leave the site in a forward gear at all times, Speed limit on site will be 5mph.

The confines of the site will be under the full control of **Alphabet Homes Limited (Principal Contractor)**. Suppliers will be informed of the location of the site. Delivery drivers coming to site will be asked to contact the Site Manager prior to arrival, so that they can be met by a banksman and parked safety ready for the removal of deliveries / materials. During the replacement / removal of skips vehicles entering the pedestrian zone will be under the direction of a banksman and barriers arranged accordingly. **Vehicles exiting the site must use the wheel wash available on site. This will be a jet wash used by the banks man and road sweeper when deemed necessary by the Site Manager**

The timing and routes for deliveries must be discussed and agreed in advance with the Site Manager. **Deliveries will all be made between 08:00am and 18:00pm Monday to Friday.**

Storage of materials:

Storage of equipment, waste and materials will be at planned agreed storage areas.

Removal of waste material:

Removal of waste material: Removal of waste material will be by skips and wagons. we would anticipate 2 wagons to arrive per day. All delivers/ tipper wagons will be park on site while loading. room will be made on site via the demolition of Eccleston House at first instance. No Closures of public footpaths is required.. All wagons will be covered when arriving and leaving site.

6.5

All personnel must take care and follow basic pedestrian routes when walking from the compound to site as this requires walking through a trafficked site.

Site Security / Hoarding / Fencing

Vehicular access to utilise the **existing roads (main road) and beware of pedestrians**. All materials will need to be stored securely.

There will be a requirement for **2.4m fencing IN GREY** to segregate the Works from the neighboring properties **and footpaths**, and to secure the site from unauthorised access, metal gates will be used in the gate 2 entrance. gate 1 will be closed after demolition. Storage and waste storage areas will be as per the site set up drawings. **This process will be carried out by Alphabet Homes Limited (Principal Contractor). Details attached.** All reasonable steps will be taken to ensure that only authorised persons are allowed onto the site or part of the site where demolition work is being carried out. Site boundaries, securely fenced and signed, will be adapted as and where necessary as work progresses. Please refer to **"HSG 151 – Protecting the Public – Your Next Move"** for further guidelines. The entire site shall be surrounded by a minimum **2.4m high fencing and metal BLACK** gates. The site compound will be secured at all times; all areas under demolition will be left secure at the end of shift. Access gate will be closed at the end of shift. Site fencing will be checked daily to ensure it remains secure. Signage will need to be clear to inform the contractors and public of the dangers and of any change in fire routes.

6.6 Identification and Isolation of Services

Existing Services:

Any services found on site are deemed to be live and all necessary precautions should be taken when working in the area of any know services. Prior to commencement of any ground work Alphabet Homes Ltd will trace, identify and record all relevant service runs on the site by the use of detection equipment i.e. CAT scanners. **Alphabet Homes Limited (Principal Contractor)** will liaise as necessary with Statutory Authorities and anyone one with local knowledge of the area to determine the exact locations of all service runs.

Locations of mains services are TO BE IDENTIFIED & ISSUED. **Alphabet Homes Limited (Principal Contractor)** will survey the locations of the existing services prior to commencing works in each area.

All existing services must be location isolated and disconnected prior to any works commencing and a certificate of reoccupation issued if applicable. **When isolating any incoming services, ensure they are suitably retained for future development.**

Exclusion Zones

Alphabet Homes Ltd in communication with **Alphabet Homes Limited (Principal Contractor)** will establish demolition exclusion zones around the de-construction areas using Heras fencing and adequate warning signage displayed.

6.7

Netted Herras fencing will be erected adjacent to neighbouring properties and will be supplemented with debris netting to further protect deconstructed materials encroaching onto the neighbouring properties (**especially Cyprus Street**).

Warning signs will be erected confirming that demolition works are in progress and that access to the area is prohibited to non-demolition operatives, unless accompanied by an experienced member of our staff.

HOLD POINT: The demolition exclusion zone and safety signage are to be inspected by the Demolition site supervisor prior to works commencing on a daily basis

All exclusion zone fencing and entry points will be physically secured and locked at all times or be under the control of a designated Alphabet Homes Ltd Banksman.

Alphabet Homes Ltd will implement a signing in / out register at the entry point to the demolition exclusion zone.

Asbestos Removal

The Asbestos Containing Materials Identified for this project includes:

See JB-Monitor Report included for detailed information: No Asbestos found on site

6.8

- **Licenced Contractor to provide Method Statement and Risk Assessments for removal of ACM's**
- **Waste to be taken to a licenced facility and copies of consignment notes to be forwarded to Alphabet Homes Limited.**

6.9 **Soft Strip**

COVID-19 Social Distancing Guidelines to be followed throughout.

Strip and dispose of any furniture within the building.

NOTE: The condition of the existing building could be poor and must be taken into consideration when working inside the building.

Carefully soft strip any remaining interior materials taking care when working inside. Refer to risk assessment (**RA001 - Inspection of Dangerous Structures or Buildings**).

Operatives to wear appropriate PPE and report any other suspected Asbestos Containing Materials (ACM's).

If any other suspicious Asbestos Containing Materials (ACM's) are encountered during the soft strip, the works must be stopped, and the Site Manager informed.

The site supervisor will be informed immediately, and the area made safe and fenced off or if possible, the doors locked with adequate warning signage placed.

The Client will be informed immediately who will then instruct a trained & competent person to undertake sampling of materials which are suspected to contain asbestos.

The samples will be sent to a UKAS accredited laboratory for analysis. Results will then be given to the Alphabet Homes Ltd site management.

Demolition

6.10

Notify all adjacent private owners of the proposed works not less than 4 week before commencing demolition and maintain good relations and co-operation at all times.

- **ALL SERVICES TO BE ISOLATED BEFORE STARTING DEMOLITION**
- **Wheel Wash facility to be placed on site at a location agreed with Alphabet Homes Limited. jetwash on each gate and road sweeper when necessary**
- **All operatives to wear PPE / RPE as per the risk assessments.**
- **Fencing will be erected around the demolition area to stop unauthorised access during the works.**
- **All lorry access to the demolition areas will be via a banksman to reverse the lorries into the front of the site. Lorry access to be made during off peak times to minimise traffic disturbance.**

All internal walls and fixings to be removed by use of hand and hand tools.

Any internal demolition requiring work at height will be done so from a Mobile Elevated Working Platform (MEWP) and for hard to reach areas from an Aluminum Tower.

Demolition will be carried out using a Demolition specification tracked excavators fitted with demolition guards and capable of reaching the furthest point of the building yet maintaining a safe working distance. **PPE to be worn as per the risk assessment.**

Any temporary works carried out must be recorded and controlled by the Alphabet Homes Limited (Principal Contractor) Temporary Works Coordinator.

The excavator will be fitted with a rotating hydraulic clam shell basket - pulveriser and de-constructing the structures in a controlled manner in accordance with BS6187:2011.

The 210 excavator will be set up with a telescopic high reach configuration boom with the hydraulic rotating clam shell basket - pulveriser attached this shall give the machine sufficient safe working capabilities.

The Demolition site manager / supervisor along with the banks man will at all times be in radio contact with the High reach demolition operator and only when the high reach demolition operator confirms that it is safe to enter the demarcation zones will permission be granted.

- Fencing will be erected around the demolition area to stop unauthorised access during the works
- Use a cherry picker and a scissor lift for access ensuring operators are IPAF trained, equipment is inside the safe working area and SWL of the MEWP is not exceeded
- Carefully remove the aerials, guttering etc from the building
- Using access platforms from below, remove the existing roof and place materials in the skips provided. **Note: Careful removal of roof adjacent to Post Office**
- Carefully remove the existing roof trusses and gutter
- Working from top to the bottom, wall sections to be removed by hand in 2m sections and other sections using the excavator where there is space (hoses to be used to mitigate any dust issues).
- Once all demolition has been completed, waste will be removed using trucks.
- Make good of existing electrical connections in conjunction with Alphabet Homes Limited (Principal Contractor)
- Existing footings to be peckered using the attachment on the excavator and removed off site
- Clear the site and leave the remaining areas clean and safe.

Any unprotected edges left will be barriered off to eliminate any working at height issues.

6.11 **Environmental Requirements**

In the event of an Environmental Incident, procedures must be followed to ensure risks of further spillages / migration of pollutants are minimised. Contact details will be clearly displayed on site and information clearly explained to all site personnel.

The location of sensitive receptors such as watercourse, drainage and bore holes must be identified. An appropriate number of spill kits will be located within these areas. It is the responsibility of the site management to ensure all spill kits are fully stocked at all times, and an inventory of equipment within the container to be clearly displayed within the lid.

Construction Dust and Noise

Nuisance for the purposes of this document is broken into four sections, namely Dust, Noise, Vibration and Lighting. The following sections detail activities and control methods to be implemented on the project.

Sensitive receptors likely to be affected by construction nuisance include the residential / commercial properties closest to the site boundary and residential properties along construction traffic routes.

Dust

Mechanical disturbance of granular material exposed to air creates atmospheric dust, this type of dust generation is termed as 'fugitive' as it is not discharged into the atmosphere in a confined stream. The potential sources of these dust emissions are outlined below:

- Site Clearance / Demolition
- On site earth moving operations, site levelling, cut and fill etc
- Vehicle movements over haul roads and on-site during dry periods
- Wind blowing across the site during dry periods
- Stockpiling of materials
- Cutting and grinding
- Accidental spillage and loss of load from vehicles carrying loose material

The generation of this fugitive dust required consideration of additional factors such as:

- Prevailing wind (speed, direction)
- Prevailing climate, including rainfall
- Location of sensitive receptors (including residential and commercial properties, habitats and watercourses)

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Prevailing winds are specifically important when considering fugitive dust. The speed of winds can determine the dispersion of dust; high winds can increase the initial generation of dust, in addition to carrying the dust over greater distances. Appropriate preventative measures to control dust emissions can significantly reduce the potential for dust generation. Implementation of the following methods will help to minimise risk.

Risk	Control Measure
Construction Traffic	• All construction traffic will follow specifically designated routes • Speed limits will be put into place on site for all vehicular movements • All vehicles carrying loose material will be covered
Stockpiles	• To be sealed or sprayed with chemical bonding agents as required • Location of temporary stockpiles away from any sensitive receptors
Dust Suppression	• Mobile bowsers to be deployed on site at regular intervals. Activity to be increased during significantly dry and windy periods • Use of hoardings to be considered to ensure reduction in dust migration • Hosing down during demolition • Deliveries of significantly dusty materials to be sprayed to reduce dust potential • All cutting and grinding operations to be conducted in ways to reduce risk of dust migration (wet cutting techniques etc)

Noise

Noise has the potential to cause disturbance, given the nearby buildings. It is essential that the works comply with any conditions which will be laid out by the Local Authority. Council's policy on hours of work is as follows:

- Monday to Friday 8:00am – 6:00pm
- Saturday 8.00am – 1:00pm
- No Sunday, Bank holiday or Public holiday working

Work may be permitted outside of these hours in exceptional circumstances and only by prior agreement with the Council and will be conditional on the contractor informing neighbours in advance of the proposed activity. A letter drop was taken place on the 22nd of March and approved by Knowsley Council Building Control (attached)

Any complaints raised due to noise should be recorded.

In addition, our team will embrace best practice with regards noise minimisation.

Best practice will include:

- All construction plant and equipment will comply with EU noise emission limits.
- Plant will be serviced regularly to minimise adverse noise impacts.
- All vehicles and mechanical plant used for the purpose of the works will be fitted with effective exhaust silencers and maintained in good efficient working order.
- Selection of inherently quiet plant where appropriate. All major compressors will be 'sound reduced' models fitted with properly lined and sealed acoustic covers which will be kept closed whenever the machines are in use and all ancillary pneumatic percussive tools will be fitted with mufflers or silencers of the type recommended by the manufacturers.
- Machines in intermittent use will be shut down in the intervening periods between works or throttled down to a minimum.
- Plant and equipment such as flatbed Lorries, skips & chutes will be lined with noise attenuating materials. Materials will be handled with care & be placed, not dropped.
- Materials will be delivered during normal working hours.
- Plant reversing near dwellings will have banksmen in place of 'beepers'.
- All ancillary plant such as generators, compressors and pumps will be positioned so as to cause minimum noise disturbance, i.e. furthest from receptors or behind close boarded noise barriers. If necessary, acoustic enclosures and / or shielding will be provided.

Bats & Nesting Birds and Pest Control

There was no Bat or Bird Survey carried out. During demolition works, you should be aware of the possibility that bats can be present (at any time of year). If any bats are discovered, work should be suspended & advice should be sought immediately from the Natural Resources Wales / Environment Agency or a licensed bat worker.

All bat species are protected under the Wildlife and Countryside Act 1981 as amended by the CRow Act 2000 and the Conservation of Habitats and Species Regulations 2010.

Where pest control is required a relevant contractor will be deployed to resolve this.

Tree Protection

6.12

A tree on the front of the property is to be retained, there are 3 trees at the rear and 2 at the side, these will be protected to a herras fencing construction to 8S5837.fencing construction to 8S5837.

Details of this are attached. Page 18Det

Five working days written notice shall be given to the Council's Arboricultural Officer before commencement of the works hereby granted.f this are attached. Page 18

Waste Management

Environmental Permitting

Any activities within the site which may fall into the Environmental Permitting Regime need clarification and appropriate licences or exemptions. The site will maintain regular contact with the Environment Agency with regards to any issues arising through the Environmental Permitting Regulations.

Segregation of Waste

To ensure maximum potential for reducing waste to landfill, and encouraging reuse and recycling, waste will be segregated. Separate skips will be made available for all types of waste. Each skip will be clearly labelled and site personnel will be informed of procedures within the induction. Regular monitoring will be undertaken to ensure correct procedures are followed at all times. The skips will be emptied at regular intervals to prevent overfilling. Toolbox Talks will be undertaken with all site personnel to ensure full understanding of waste procedures.

Disposal of Non-Hazardous Waste

All non-hazardous waste will be removed from site within strict adherence to all waste legislation requirements, including Duty of Care Regulations. Prior to any agreed use of hauliers or waste disposal sites, the appropriate licences will be thoroughly checked to ensure that particular waste streams can be accepted and carrier licences are valid. This can only be undertaken by authorised personnel and copies of all necessary licences must be retained on site at all time and reviewed for expiry. No waste will leave site without appropriate waste transfer notes.

It is essential that all waste transfer notes are inspected for detail and must contain the correct description of waste as well as the correct waste code, in line with the List of Waste Codes Regulations. Only authorised and fully trained personnel may sign waste transfer notes. Regular audits will be undertaken to ensure correct procedures are being followed.

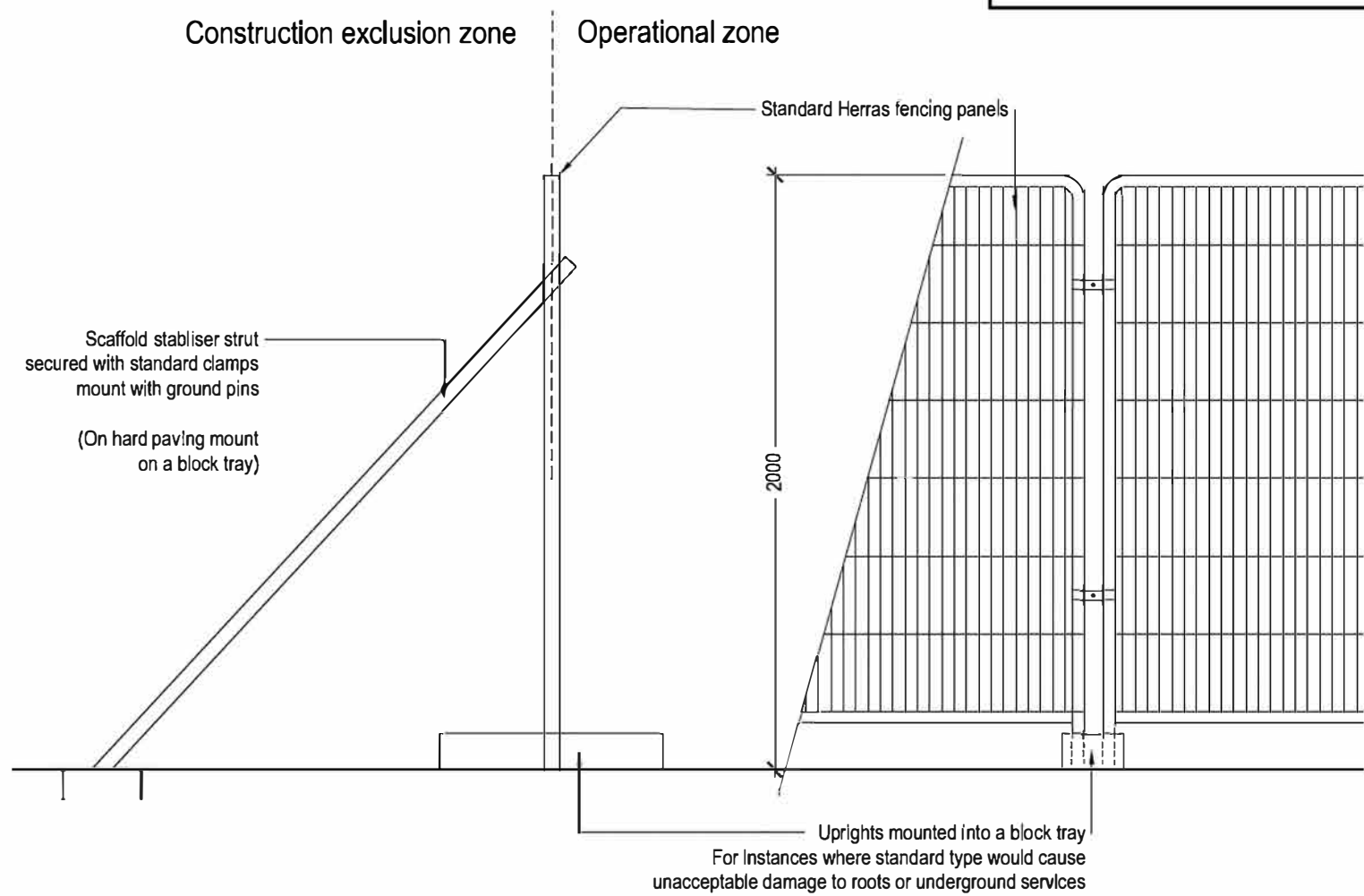
There should not be any significant quantities of inert waste taken off site as the intention is to design the project creating an earthworks balance on site, using all material suitable for re-use on an industrial site (EA guidelines). Surplus material will be used in site re-profiling.



Notes : 1. This drawing should not be scaled, figured dimensions only to be taken 2. should any discrepancies be found with this drawing, please inform this office 3. Copyright of this drawing is owned by Owen Ellis Architects. Structural information indicative only. To be confirmed by Structural Engineer.	<table><tr><th>No.</th><th>Description</th><th>Date</th></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table>		No.	Description	Date																						0:\Drawing\4188\4188-02\4188-02-DR-A-90-02.dwg Honeycomb, Edmund Street Liverpool, L3 9NG Tel: 0151 227 1555 www.owenellis.co.uk		STATUS SO	PROJECT Aspinall Street Prescot	CLIENT --			
	No.	Description	Date																															
				DATE 29/01/21	PROJECT NUMBER 4188	SCALE (@ A3) 1 : 500																												
				DRAWING NUMBER 4188-OEA -ZZ- ZZ-DR- A-90 -02		CHECKED BY NH	DRAWN BY SU	REV																										

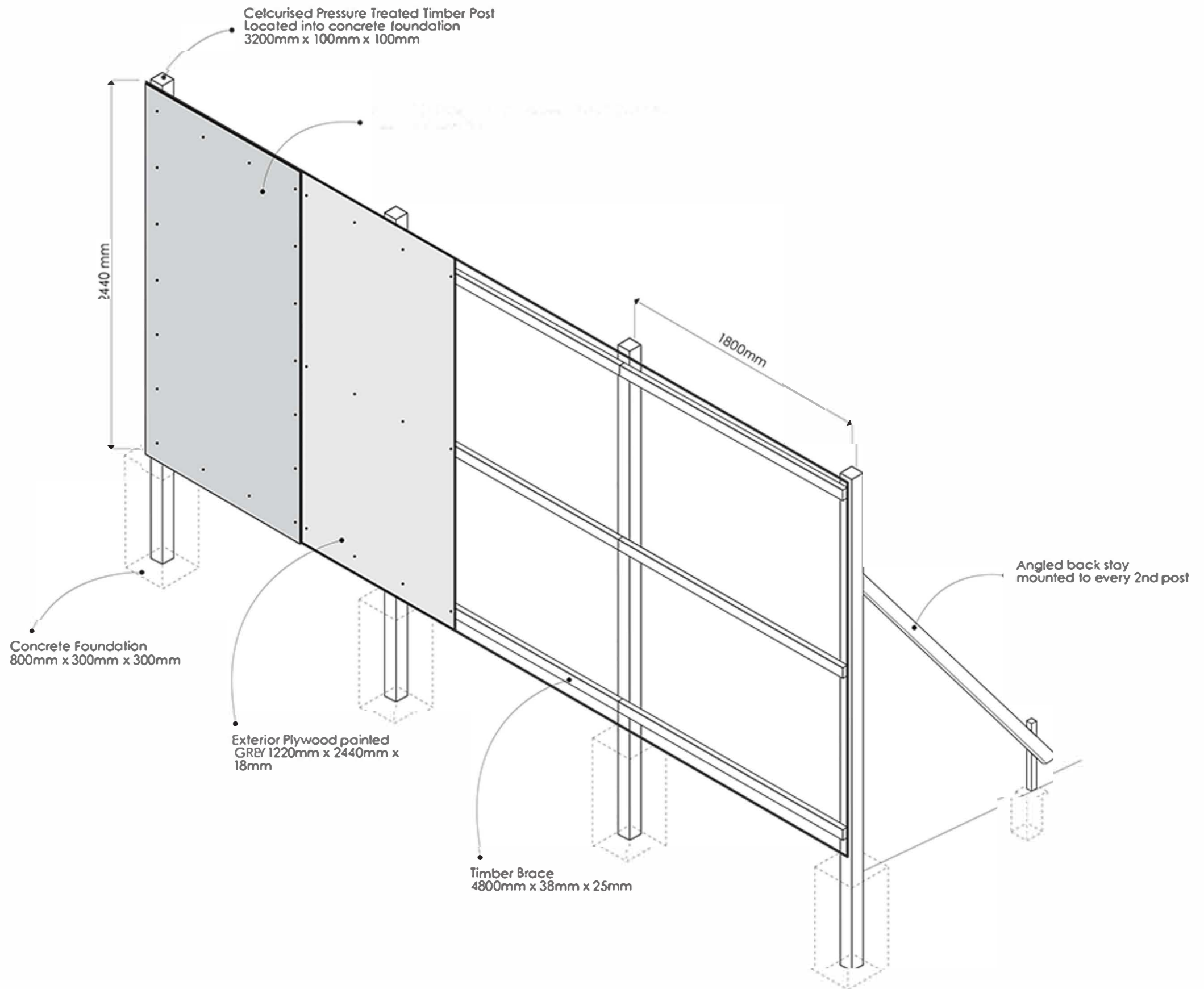
Tree protective fence during construction to BS5837 : 2012

Elevation 1:20 @ A2 - For instances when standard type would cause unacceptable damage to roots or underground services

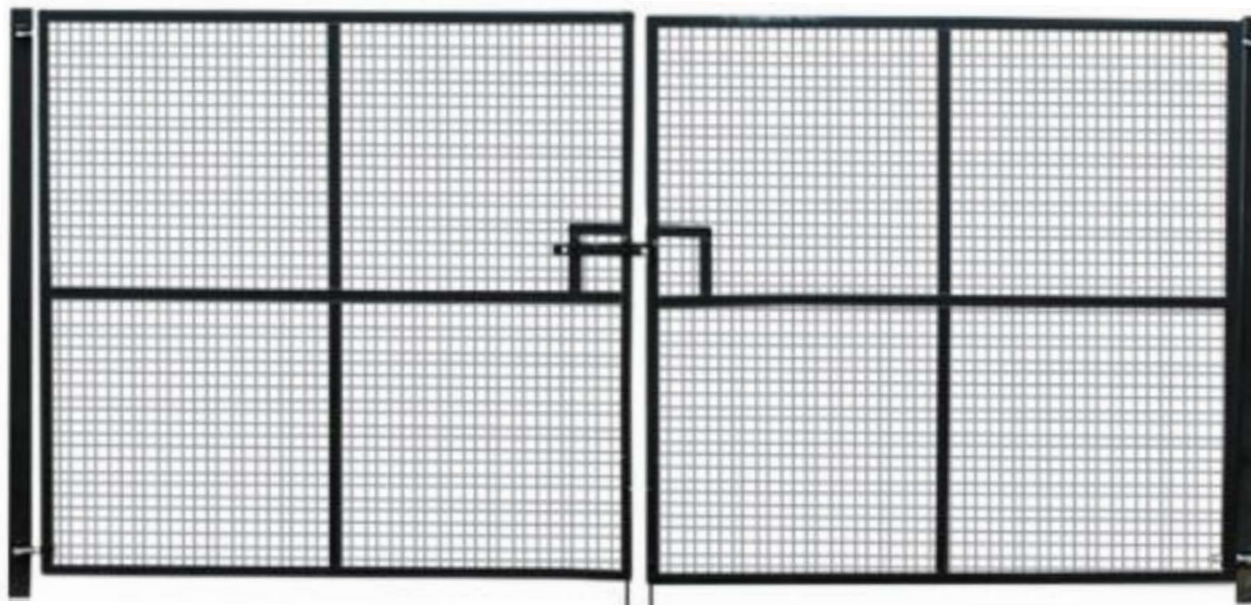


Tree Protection Notice to be attached to fencing 1.5m from the ground, facing out of the Construction Exclusion Zone and located at regular intervals along the fence line.

The notice must be at least A4 in size.



SITE GATES 2, 4 METRES WIDE, 2.4 HIGH



Project: **Aspinal Street, L34 4AA**
Subject: **Pre Commencement Dilapidation Survey**
Date: **20/4/2022**

Introduction

Knowsley planning department have requested a pre-commencement dilapidation survey, the following was requested on the 14th April 2022:

'A pre commencement dilapidation survey, with any damage caused to the adopted highway as a result of the works in question repaired at the cost of the applicant.'

The site currently has 2 entrances with drop kerbs and a feature lamppost hard up against the boundary wall. Double yellow lines also run parallel with the site. Granite kerbs and block paving is used within the pedestrian areas and tarmac on the highway. No public road signs are located within the project frontage line. the area surveyed is 48 meters long.

Site Survey

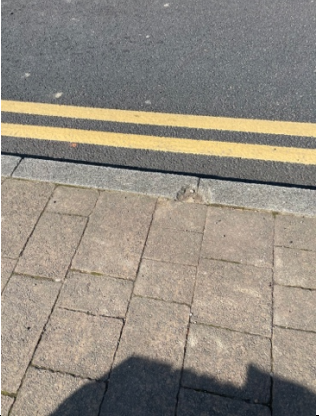
The survey was carried out on the 20th April 2022. The weather was dry and no rainfall over night, no holding water was noted. 23 defects were noted on the table below. Generally the Tarmac looks to be recently relaid with double yellow lines in a good condition with minimal to no cracking. block paving to the pedestrian area is in poor condition with large areas that have sunk, kerbs generally have been chipped. Road gully's are predominantly blocked. The plan attached locates the pictures from the table.

This is a visible survey only, no intrusive survey have been carried out. This is a visible survey only, no intrusive survey have been carried out.

Photo Reference	Description	Photo
01	Road gully is blocked with visible debris	
02	3 damaged kerbs with deep gouges on the corner/ face	
03	Block paving lifted creating a lip on some pavers	
04	2 kerbs with chips to ends	
05	Lip on kerb/ lifting	

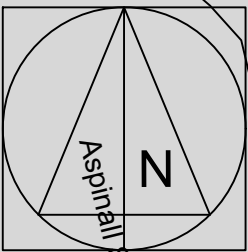
06	Block paving sunk to a depth of 30mm approx. 1000mm long 200mm wide. (straight edge used for demonstration)	
07	2 damaged kerbs butted up to each other	
08	Block paving sunk to a depth of 30mm approx. 1000mm long 200mm wide. (straight edge used for demonstration)	
09	Poor remedial works to lamppost, cement stains on block paving	

10	Damaged Kerb	
11	Poor patchwork in block paving	
12	2 chipped kerbs	
13	Block paving sunk to a depth of 30mm approx. 1500mm long 200mm wide. (straight edge used for demonstration)	

14	2 chipped kerbs	
15	Poor grout around BT Manhole	
16	2 chipped kerbs	
17	Blocked manhole with visible debris	

18	Shrinkage around stop cock	
19	Uneven block paving 4000mm by 1000mm	
20	Manhole poorly refitted	
21	Blocked manhole with visible debris	

22	Blow in block paving	
23	Block paving sunk to a depth of 30mm approx. 4500mm long 300mm wide. (straight edge used for demonstration)	



- 01
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Scale 1:200 @ A3



46

Cyprus Street



Office 6, Rathbone Building, Liverpool Innovation Park, 360 Edge Lane, Liverpool, L7 9NN
T: 0151 468 0600
E: info@alphahomestd.co.uk

18 No. - 2B Apartments,
Aspinall Street, Prescot, L34 5QQ.

Dilapidation Survey
Rev A - Existing building interior layout shown.

DRAWING NUMBER	REVISION	DATE
01	A	20.04.2022
		SCALE
		Not to scale

Notice of Intent To Demolish

22nd March 2022

This notice is intended to inform the public that Aspinall House / Eccleston House at Aspinall Street, Prescot, L34 5QQ is scheduled for demolition on 17th April 2022 by Alphabet Homes Ltd. The permit number is 22/00165/DEMCON.

Questions can be directed to Alphabet Homes Ltd at the above address.

Regards,



Angus Smith
Contracts Manager

Hand-Arm Vibration Exposure Calculator

Assess the task as one operative completing all the work that involves exposure to vibrating tools during a working day. Control measures can then be introduced to reduce the exposure time
Complete the sections in green. For assistance in filling in the Vibration Exposure Calculator, click on the **HELP** tab below

Task Performed	Demolition		Site	Aspinall Street							
Task	Tool Name	Enter Vibration Magnitude m/s ² r.m.s.	Exposure	Time to reach EAV 2.5 m/s ² A (8)		Time to reach ELV 5 m/s ² A (8)		Exposure duration		Partial exposure points	Partial exposure m/s ² A (8)
			points per hour	hours	minutes	hours	minutes	hours	minutes		
Task - 1 Demolition	Copco Compressor	14.9	444.02	0	14	0	54		30	222.0	3.7
Task - 2 Demolition	Demo Breaker	8.5	144.5	0	42	2	46				
Task - 3 Demolition	Hydraulic Breaker	4	32	3	8	12	30				
Task - 4			0								
Task - 5			0								
Task - 6			0								

Exposure Duration Calculation (Identify how the exposure time has been achieved, so any differences from the work can be easily identified and re-assessed)

Tool vibration exposure magnitude levels were obtained from the manufacturers published data
Exposure time has been assessed by estimation through experience and site knowledge
Further monitoring will take place if vibration exposure is thought to be a significant risk to health

HSE advice	Courtley Health & Safety further guidance	Daily exposure Points	Daily exposure m/s ² A (8)
Warning exposure at or above 2.5m/s ² EAV (100 points)	Ensure the controls identified below are implemented Guidance is available from Courtley	222.0	3.7

Control Measures (Identify the control measures that need to be in place prior to work commencing and PPE requirements)

Take regular breaks and change rolls by sharing tasks
Avoid smoking in the time prior and during use of vibrating tools
Wear gloves and keep warm and dry
Don't Press down on breaker handles and don't force tools and move the tool every 10 seconds when breaking
Replace damaged or old tools and keep bits, drills and blades sharp
Toolbox talks will be given on vibration
Hand arm vibration monitoring to be undertaken

Authorised By The Responsible Manager	Name:	Signed:	Date:	Company Name:
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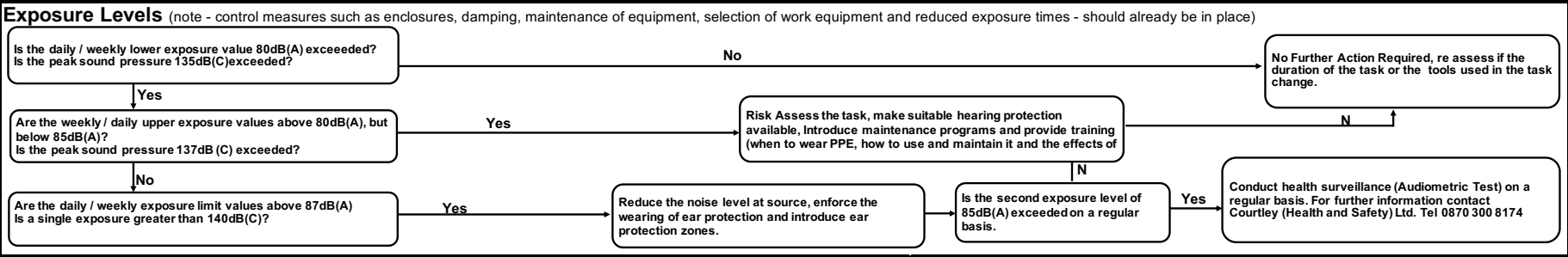
Noise Exposure Calculator

For assistance in filling in the Noise Exposure Calculator, click on the **HELP** tab below

Task Performed	Demolition
Site	Aspinall Street

Guidance - Choice of Ear Protection		Impute the source of noise	Noise Level Leq dBA (sound pressure level)	Exposure time		Time to reach 80dB(A) (Per Individual Source)		Time to reach 85dB(A) (Per Individual Source)		Average Daily Exposure LEP,d
Noise Level (dB)	Ear Protection SNR Value			Hours	Minutes	Hours	Minutes	Hours	Minutes	
85 - 90	20 or less	Copco Compressor	111		30	0 Hours 0 Minutes		0 Hours 1 Minutes		101.7 dB(A)
90 - 95	20 - 30	Demo Breaker	105		30	0 Hours 1 Minutes		0 Hours 4 Minutes		
95 - 100	25 - 35	Hydraulic Breaker	109		30	0 Hours 0 Minutes		0 Hours 1 Minutes		
100 - 105	30 or more	Source - 4								
		Source - 5								
		Source - 6								

Exposure Duration Calculation (Identify how the exposure time has been achieved, so any differences form the work can be easily identified and re-assessed) The exposure time has been calculated based upon 4no operatives working a 2 hour shift on a rota basis to reduce their individual exposure
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Control Measures (Identify the control measures that need to be in place prior to work commencing and PPE requirements) Operatives health surveillance will have been assessed Plant being used has been identified as suitable & appropriate for the task & has been sourced from a reputable hire company to ensure its integrity & efficiency . Plant will be checked by the user daily before use Works have been arranged so that the operatives carry out the demolition works in rota fashion to minimise the individual users exposure Where practicable sound deadening barriers will be erected to reduce noise & vibration travel Our operatives will be wearing all necessary protective equipment including anti vibration gloves & ear defenders suitable for working within areas with high noise levels

Authorised By The Responsible Manager	Name:	Signed:	Date:
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Hand-Arm Vibration Exposure Calculator

Instructions and Definitions

Instructions

After inserting the tasks to be performed and the site into the appropriate green boxes

Step 1 Insert the task in to the 1st (Green) column. E.G. - Chiselling, grinding, cutting, sanding or other task being performed
Enter the additional tasks in the rows below
The Vibration Calculator can accommodate up to 6 tasks.

Step 2 In the second green column (below Tool Name) insert the Make and Model of the tool that is to be used in the task

Step 3 Insert the manufacturers vibration level in to the third green column **(Enter Vibration Magnitude)**
If the model number is not listed, insert the data from the manufacturer (often found in the instructions with the tool)
Alternatively look up the information in the instruction manual or phone the manufacture or supplier for the information.
Tip - Use the filter buttons in the headings to find the tool quicker.
Filter the Manufacturer then the machine type.
After entering the data, press the Enter key, or move the cursor to another cell. The spreadsheet will automatically fill in the next three columns.
or Search the following web site

<http://vibration.arbetslivsinstitutet.se/eng/havhome.lasso>

Time to reach EAV 2.5 m/s² A(8) - Indicates the time in hours and minutes that it will take for the user of this tool, to reach a vibration magnitude of 2.5 m/s² A(8). The implications of this are identified in the definitions section below .(Yellow cells will remain blank if valid input data is not entered).

Time to reach ELV 5.0 m/s² A(8) - Indicates the time in hours and minutes that it will take for the user of this tool, to reach a vibration magnitude of 5.0 m/s² A(8). The implications of this are identified in the definitions section below. (Yellow cells will remain blank if valid input data is not entered).

Insert the estimated length of time that the user will be in contact with the vibrating tool (Trigger Time) Example below

Step 4 Example
A Joiner is installing timber windows into a house. He is expecting to fit 10 window frames per day with 6 fixings in each frame. The Joiner is also expecting to undertake a small amount of grinding to replace the occasional broken joggle brick.

The installation of the windows will be split up into two tasks that involve vibrating tools, one task using the grinder and the other task using a hammer drill.

Task 1 - Use of Hammer Drill

Estimating that time it will take to drill a hole of sufficient depth into the brick at 10 seconds (note - we can only estimate the time but it needs to be a realistic estimate).

To drill the 6 holes needed to fit one frame, will take 10 seconds X 6 holes = 60 seconds or 1 minute.

To install 10 window frames, the time required to use the drill (trigger time) will be 1 minute (per frame) X 10 frames = 10 minutes

Therefore the exposure duration for task 1 will be 10 minutes.

This figure can now be inserted into the last white column on the vibration exposure calculator in the green **"Exposure duration"** column.

Task 2 - Use of Grinder

The quantity of grinding that is needed for the task is unknown, most windows will not need bricks replacing but some might. In order to try and assess the potential exposure to vibration, we can make an estimate. From experience we can estimate that no more than 5 minutes worth of grinding will be needed to install the 10 windows. The figure can now be inserted into the last white column on the vibration exposure calculator in the green **"Exposure duration"** column on the row for Task 2.

After entering the data, press the Enter key, or move the cursor to another cell. The spread sheet will automatically fill in the next columns. The final two yellow columns of (Partial exposure) will automatically install figures in the relevant rows. These figures will represent the vibration in exposure points and exposure m/s^2 that will be received from using the tool identified in the "Tool Name" column of row, over the period of time that's been estimated in the exposure duration column on the same row.

The **Daily exposure** boxes will identify the accumulative vibration in exposure points and exposure m/s^2 for using all the tools identified in the calculator for their specified duration.

Now the level of Vibration one person would be exposed to is known if they were to complete all the tasks within the project that involves the exposure to vibration. It would be preferable to reduce an individual's vibration exposure to less than the first action level (EAV) of 2.5 m/s^2 A(8) which is 100 vibration points.

Step 5

The best control measure at this stage, will be to reduce the exposure time of an individual. To do this control measures can be introduced to restrict individual exposures.

One operative to use the Hammer drill only, but not for periods longer than that identified in the Time to reach EAV of 2.5 m/s^2 A(8) Column.
One operative to use the Grinder only.

Definitions:

The **Vibration magnitude** is the frequency-weighted r.m.s. acceleration value in m/s2 for each tool

The **Exposu** If an individual is exposed to a level of vibration greater than 2.5 m/s2 A(8) on a regular basis (daily). The employer must conduct periodic health surveillance to monitor the effects of the

The **Time to** exposure on the individual and to identify if there are any early or progressive symptoms of Hand Arm Vibration Syndrome. For advice on health surveillance contact Courtley (Health and Safety) Ltd.

If an individual is exposed to a level of vibration greater than 5.0 m/s2 A(8) on a regular basis (daily). The employer must reduce the level of the exposure.

The **Time to** If the exposure is reduced to a level greater than 2.5 m/s2 A(8). Health surveillance will be required for the individual.

Vibration magnitude and the Exposure duration.

The **Partial exposure** is the vibration exposure in m/s2 A (8) for each Task. It is calculated from the

Note: A partial or total exposure will not be calculated if the corresponding exposure duration

The **Total ex** exceeds 24 hours.

Noise Exposure Calculator

Instructions and Definitions

Instructions

The Noise Exposure Calculator is designed to attempt to make a realistic measurement of the noise levels that a person will be exposed to throughout their normal working day. Without conducting regular noise monitoring at the place of work, it is difficult to get an accurate measurement. The calculator will identify the dominant noise levels and the recommended exposure times to these noise levels.

Control measures should be in place to control the noise levels at source, engeneering controls and the

tools of machinery are under a regular maintainance program.

Insert the source of the noise into the first grey column. If the source is from a tool it may be found by clicking the "tool - type" (tabs) below, otherwise refair to the manual or the manufacturer for the information.

Step 1 As there are a number of factors that effect the levels of noise recived by a person in the working environment, such as distance from the source, surrounding marerials, it is difficult to gain an accurate estimate of background noise on a busy street or a construction site. Therefore only the dominant noise levels will be assessed.

Some estin	Tractor cab	80dB
	Power Drill	85dB
	Arc Weld	85dB
	Road Drill	100dB
	Chainsaw	107dB

In a fixed working environment sound levels could be measured using a sound meter to get an accurate level of noise exposure.

Insert the noise level into the 2nd box (coloured blue). This figure can be found by clicking on the "tool - Type" tab below and looking along the appropriate row to the sound pressure level in the blue column. After entering the data on the noise exposure calculator, press the Enter key, or move the cursor to another cell.

Step 2

The spread sheet will automatically fill in the two yellow columns. These columns identify the length of time that a person can be exposed to the noise level identified in the Noise Level column, without exceeding the relevant action levels.

Insert the estimated length of time that the user will be exposed to the noise level (Trigger Time) Example above (Step 4 of the Vibration procedure).

Step 3

Once the level of noise exposure has been identified. Follow the **Exposure Levels** flow chart to identify the steps needed. Record the control measures in the Control Measures box.

Step 4

Note - if a single exposure exposure (sound pressure level) is greater than the Peak Noise Level (140 dB) control measures need to be introduced to reduce the noise level

The Noise exposure calculator will identify any shortfalls in the existing control measures The hierachey of controls should be followed reduce the noise exposure to below the action levels.

1. Eliminate the cause of the noise

2. Substitute for a quieter process or equipment - manufacture as much as possible off site in a controlled environment.
3. Purchase low noise equipment
4. Introduce engineering controls (dampening, silencers)
5. Use screens and noise resistant booths
6. Limit the time that employees work in the noisy area or with noisy equipment.
7. Use PPE, only as a last resort.

When choosing PPE refer to the "Guidance - Choice of ear protection" on the noise exposure calculator. It is advised that a person's noise exposure should be 70 - 80 dB(A). Over protection will lead to protection being taken off due to the user not being able to hear.

Definitions:

The **Noise Level Leq dBA (sound pressure level)** is the level of noise emitted from a source (e.g. drill).

The **Exposure duration** is the total daily vibration contact time or "trigger time" for each task.

Conduct a noise risk assessment.

The **Time to** Make suitable hearing protection available.
period. At this Introduce a maintenance program for tools.

Provide training for employees.

Reduce the noise at source.

The **Time to** Enforce the use of suitable ear protection.
hour period. . Introduce ear protection zones.

If there is a regular exposure over this action level, a audiometer test (health surveillance) must
be conducted at the earliest convenience, then annually there after.

The **Average Daily Exposure LEP,d** is the average level of noise that a person is exposed to over a 8 hour
period

RISK ASSESSMENT

Workplace		Aspinall Street					Assessment Number		V 2403		
Task / Activity		Movement of Vehicles under supervision of a banksman									
Date Conducted:		20 th April 2022			Review by Date:		On commencement		Date Reviewed		
Assessment Team		Angus Smith & Jordan Beasley									
1 Hazard (something with the potential to cause harm, how will it be realised and what is the potential injury?)		2 At Risk	Risk			6 Control Measures			Risk		
3 Severity	4 Probability		5 Risk	7 Severity	8 Probability				9 Risk		
Arrival of delivery vehicle, pedestrians/ operatives being struck by moving vehicle. Crushing, bruising, possible fatality on impact		A	5	2	10	- Operatives/ banksmen to wear hi-viz clothing - Organise delivery for allocated time and utilise banksmen for arrival and unloading of vehicle - Company site management to ensure that vehicle access is possible prior to delivery - Principal Contractor to ensure a clear access for vehicles entering the site. - Were possible, Principal Contractor to separate vehicle and pedestrian traffic. - Seatbelts are to be worn where provided			5	1	5
Arrival of delivery vehicle, vehicles/ overhead obstructions being struck by delivery vehicle. Crushing, bruising, possible fatality on impact		A	5	2	10	- Assess delivery route for possible obstructions prior to delivery - Ensure delivery vehicle driver is aware of obstructions around immediate location			5	1	5
Unloading of 360° excavator, pedestrians/ operatives being struck by moving excavator during access/egress of site. Crushing, bruising, possible fatality on impact		A	5	2	10	- Trained operator only to drive excavator - Unload the excavator within the grounds if possible - Ensure banksman in attendance - Ensure operatives/ banksmen to wear hi-viz clothing			5	1	5
Further Actions		(Further control measures that could be implemented to improve safety)								Action by who & date	
Additional Comments		(Actions identified by personnel on site to make the task safer)									
Authorised by The Responsible Manager		Name: Signature:				Position:				Dated:	

At Risk (column 2)	Severity (column 3 and 7)		Probability (column 4 and 8)		Risk Rating (column 5 and 9)		
E - Employees	1	No Injury, property damage	1	Very Unlikely	Severity X Probability = 1 to 5	Low	Y – acceptable risk, work can start
C - Contractors	2	Minor Injury	2	Unlikely			
V - Visitors	3	+7 Day Absence	3	Likely	Severity X Probability = 6 to 14	Med	Y or N – may need further consideration
P - Public	4	Specified Injury	4	Very Likely			
A - All	5	Death	5	Virtually Certain	Severity X Probability = 15 to 25	High	N – Unacceptable risk Do not start work