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| Risk Assessment/ Method Statement: | Demolition works: Rev1 | Likelihood: 1 = Unlikely 2 = Likely 3 = Highly Likely Severity: 1 = Minor 2 = Major 3 = Fatal Likelihood x Severity = Risk Rating e.g. 2 x 3 = 6 (medium) |
| Location: | Hillingdon Court Park Pavilion Parkway Hillingdon | |
| Subject of Assessment: | Demolition works | Date of Assessment: 03 March 2024 |
| Prepared by: | MS Safety in Design on behalf of Maximum Construction | Date of Assessment Review: 03 August 2024 |
| Who is at Risk: | Employees/Operatives <input checked="" type="checkbox"/> Sub-Contractors <input checked="" type="checkbox"/> Visitors <input checked="" type="checkbox"/> | |

Describe the task being performed:

The works, to be undertaken is for the demolition of an existing building in readiness for new build works.

All operatives and sub-contractors will be given a site safety induction, prior to commencing any works on site.

Prior to commencing any works all operatives will be given a safety briefing on their RAMS, and a check of PPE will be undertaken.

Minimum PPE: Hard-hats, hi-vis, safety boots and gloves.

Appropriate dust masks, safety glasses and ear protection will be required this will depend on the task in hand.

We aim for all our operatives have the appropriate CSCS Card.

Prior to commencing any demolition works, the structural engineer will check and survey the building so that our demolition contractor will know the best form of demolition to undertake, following the review of drawings and calculations, the demolition contractor will confirm their preferred method of demolition, however this is likely to be undertaken by a 360 machine.

Prior to commencing the demo works, we will arrange for site services to be disconnected, we will keep the water supply and electrical power to the site. The water will also be used for dampening down any potential dust during the works.

We will also undertake an Asbestos Pre-demolition survey.

Timber hoarding and or heras fencing with debris netting will be used, and or a combination of both around the site/work area.

The works will involve: Asbestos removal, soft strip, (and old carpets and or furniture etc.) main strip out works, (kitchen, bathrooms, finishes i.e. skirting boards/trim/windows, doors etc.) then the machine will remove the bulk of the building with its excavator/munching arm/attachment.

Note: Hand demolition (with the use of hand tools) will be undertaken in certain sections of the building.

All high-level elements of works will be undertaken from a mobile scaffold tower, ladders will only be used for any short duration work.

Dust will be kept to an absolute minimum, by means of good working practises and dust suppression.

Noisy works will also be kept to a minimum and will only be undertaken within the times stated in the Planning Conditions.

We will ensure that all site traffic including the removal of demo waste lorries etc. will be controlled, when entering or leaving site, we will ensure safe clear access to work site and not block any other access or the road way.

Our site manager will be based on site, and will oversee the demo works he will be responsible for Health and Safety on site.

Our site will be kept tidy at all times and waste materials that could be a fire risk will not be allowed to build up.

| Type of Hazard | Possible Injury / Harm | Existing Control Measures | Severity | Likelihood | Risk Rating |
|----------------------------|--|--|----------|------------|-------------|
| Asbestos | Exposure to asbestos dust and fibres. | <ul style="list-style-type: none"> ▪ All notifiable asbestos removal will be undertaken by the Approved Asbestos removal contractor. ▪ Asbestos contractor will produce and provide their own set of RAMS. | 3 | 1 | 3 (Med) |
| Access/egress to work area | Slips, trips and falls, also possible fire hazard. | <ul style="list-style-type: none"> ▪ Principal Contractor's (us) site manager/ foreman to ensure that work areas are clear of any waste/rubbish etc. ▪ Works areas to be tidied as works progresses. ▪ Materials to be stacked neatly and in a safe manner. ▪ Site access and any fire escape routes must be kept clear at all times. | 2 | 1 | 2 (Low) |
| Dust | Possible ill health effects to breathing and lungs | <ul style="list-style-type: none"> ▪ All operatives to wear appropriate dust mask if removing any old/existing site materials such as old trim/skirting and old pipe work etc. ▪ Windows/doors to be opened, to help with ventilation, (soft strip works). ▪ Dampening down to be undertaken to help suppress dust. ▪ If other trades are working on site at the same time as the demo works, they must stay away from the area and also wear masks, and relevant hearing protection etc. ▪ If any drilling works, operatives must also wear suitable safety glasses/goggles. ▪ If any angle grinders are to be used, operatives must be competent in their use and wear the correct PPE, mask, safety glasses and hearing protection. The angle grinder must be in good condition and checked prior to every use. Safety guards and handles, must be in place and correctly fitted. | 3 | 1 | 3 (Med) |
| Noise | Possible ill effects to hearing and nuisance to neighbours | <ul style="list-style-type: none"> ▪ All noisy works must only be undertaken within the hours set out in the Planning Conditions. ▪ If noisy works are required, then these should be undertaken as quietly as possible (by using appropriate equipment, due to the location of the adjacent neighbours/properties). ▪ All operatives to wear hearing protection (i.e. | 2 | 1 | 2 (low) |

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| | | <ul style="list-style-type: none"> ▪ ear plugs). ▪ Noisy works to be undertaken as per the hours permitted in the planning consent. | | | |
| Working at height, (works from ladders/mobile towers) | Fractures, cuts & bruises/injuries | <ul style="list-style-type: none"> ▪ All operatives to be given a safety briefing with regards to work at height. ▪ Only suitable ladders or mobile scaffold towers, to be used. ▪ Only trained/competent operatives to use working at height equipment. ▪ Ladders/mobile towers must be inspected prior to every use. ▪ Mobile towers must be correctly erected and must have edge protection/hand rails in place. ▪ Work areas to be kept clear of waste and other materials. ▪ Other trades to be kept away from the demo work area. | 3 | 1 | 3 (Med) |
| Waste and removal of | | <ul style="list-style-type: none"> ▪ All waste to be placed in bags and or other suitable waste sacks/containers. ▪ Sacks and waste bags will not be over filled, and must be able to be lifted without harm to the operative. When lifting waste sacks operatives should use proper manual handling technics. ▪ Manual handling aids/equipment will be used where possible. ▪ Waste will not be allowed to build up on site. ▪ Waste materials where required will be broken down into manageable sizes for ease of carrying/removal. ▪ All operatives to wear a suitable dust mask and gloves while removing waste materials. | 1 | 2 | 3(Low) |
| Interface with other trades and the building | Slips, trips and falls and other items | <ul style="list-style-type: none"> ▪ Non demolition operatives to be kept away from the demo works zone area. ▪ Work area to be kept tidy. ▪ The staircase and common areas must be kept clear at all times, with no tools or materials being left unattended. ▪ Good cable management must be undertaken during the works, no trailing leads. ▪ Operatives should refrain from using any foul/offensive language while working in the communal areas, this should be highlighted during the site induction. ▪ Operatives should wear appropriate ID. | 1 | 3 | 3 (Low) |

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| COSHH | Skin irritation/inhalation | <ul style="list-style-type: none"> ▪ If any products are to be used such as glue/adhesives, a COSHH Assessment must be undertaken, to ensure that they are of a low risk to health. ▪ Site operatives to be briefed in the outcome of the COSHH Assessment. ▪ The product safety data sheet must be reviewed, with all precautions taken, such as wearing /using the correct PPE/RPE. ▪ Site operatives to be briefed in the safety use of the product/material. | 3 | 1 | 3 (Low) |
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| Type of Hazard | Possible Injury / Harm | Existing Control Measures | Severity | Likelihood | Risk Rating |
|---|---|---|----------|------------|-------------|
| Manual Handling | Fractures, sprains & strains/ Major injuries | <ul style="list-style-type: none"> ▪ Demolished materials are broken down into small loads so as to be safely transported manually. ▪ Employees wear safety footwear and gloves. | 2 | 1 | 2 (low) |
| Falling objects | Fractures, cuts & bruises/ Fatalities | <ul style="list-style-type: none"> ▪ Materials are transported up to waiting removal vehicles using rubbish bags and wheelbarrows. ▪ Employees wear safety helmets. ▪ All employees and visitors are to keep clear from the demolition work zone. | 2 | 2 | 4 (Med) |
| Structural collapse and or collapse of ceilings/walls | Fractures, cuts & bruises/ Fatalities | <ul style="list-style-type: none"> ▪ No structural elements are to be demolished without consultation with a structural engineer and a safe system of work has been devised. ▪ Props to be used with suitable spreader boards, where required, around the areas of the demolition to protect and prevent any uncontrolled collapses. ▪ All works to be undertaken in a slow and methodical manner. ▪ Brick and plaster work to be removed carefully and in a systemic way. | 2 | 2 | 4 (Med) |
| Use of power tools | Electrocution/ Fatalities/Noise/Vibration | <ul style="list-style-type: none"> ▪ All electrical conductors in the area will have been isolated, protected and inspected routinely. ▪ All power tools used on site are to be 110V and routinely inspected prior to start of works. ▪ All operatives on site are to wear suitable hearing protection during demolition/noisy works. ▪ Employees carrying out works with heavy duty breakers are to wear eye and ear protectives (goggles and earplugs) suitable for the class of machinery. | 3 | 1 | 3 (Low) |

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| | | <ul style="list-style-type: none"> Heavy breaker is used intermittently for brief periods only so exposure is below the daily action value. | | | |
| Additional Dust related items | Respiratory injuries | <ul style="list-style-type: none"> Operatives exposed to dust must wear appropriate face masks. Safe system of work is selected to limit amount of dust generated. Good welfare facilities are provided for washing and changing clothes. | 2 | 1 | 2 (Low) |

| RISK RATING | LOW RISK 1-3 | MEDIUM RISK 4-6 | HIGH RISK 7-9 |
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| CORRECTIVE ACTION PLAN TO ELIMINATE / REDUCE RISK | | Action Approval | | | |
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| Ref. | Action Required | Responsible | Completion Date | Review Date | Management Approval |
|------|--|-------------------------------|--------------------|-------------|---------------------|
| | All operatives to be given a site safety induction | Site Manager/ Site Foreman | Prior to the works | | |
| | Operatives to be given a safety briefing on this document / tool box talk | Site Manager/ Site Foreman | Prior to the works | | |
| | No further actions identified, at this time, further reviews to be undertaken. | | | | |

Acknowledgement

I confirm I have read and understood this risk assessment. If any of the control measures listed in the risk assessment are not in place, I understand that I must take appropriate action to adequately control the risks, including halting the activity.

| Date | Name | Signature |
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