



RISK ASSESSMENT

Project: 24-004 Extension and remodelling at Knowle Village Hall, Knowle Avenue, Fareham PO17 5GR
Situated at:
For: Wickham and Knowle Parish Council
Doc Ref: HAZ/24-004/CDM/1
Overview:

Assessor: Giordana Burns
Issue Date: 04/12/2024
Issue No: 3

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|-------|--|
| 15-25 | Risk Major Injury/Fatality - stop activity and/or initiate immediate warning controls, implement sustainable controls based on heirachy of controls within 2 weeks |
| 10-14 | Risk Lost Time Injury - look to improve within specified timescale - 4 weeks |
| 6-9 | Tolerable - ensure clear specific instruction/training regarding hazard avoidance and look to improve at next review - within 12 months |
| 1-5 | Acceptable - No further action but ensure controls are maintained |

| No | Activity Element | Potential Hazard | Hazard Description | Drawing Reference | Persons at Risk | Eliminate Risk Possible | Potential Operation Residual Risk | Likelihood | Severity | Risk Rating | Design and Construction Management Measures - Principles of Prevention Information |
|----|--|---|--------------------------------|-------------------|-------------------------------|-------------------------|-----------------------------------|------------|----------|-------------|---|
| 01 | C) Existing Traffic Systems and Restrictions | Temporary parking while gaining site access | Road accident | All | Construction Workers / public | Yes | No | 2 | 4 | 8 | Workers to be cautious of other residents while using any temporary parking nearby |
| 02 | C) Existing Traffic Systems and Restrictions | Any large or awkward items to be delivered | Risk of falling objects | Site Plan | Construction Workers | Yes | No | 2 | 4 | 8 | Site protection with correct PPE and method statements in place for work to be undertaken. |
| 03 | C) Existing Traffic Systems and Restrictions | Waste storage / removal | Tripping Hazard | Site Plan | Construction workers | Yes | No | 4 | 3 | 12 | Contractor to clear any waste on ground to prevent tripping hazard. No overflow waste allowed on site. Skips to be collected once full. |
| 04 | B) Existing Structures | Electricity | Electrocution | All | Construction workers | Yes | No | 3 | 5 | 15 | Correct PPE to be worn. Only qualified workers to undertake electrical work. |
| 05 | B) Existing Structures | Gas | Leakage / Toxic air quality | All | Construction workers | Yes | No | 2 | 2 | 4 | Temporary plug open services / locally makesafe. Correct PPE to be worn. |
| 06 | B) Existing Structures | Water | Trips and falls | All | Construction workers | Yes | No | 3 | 2 | 6 | Correct PPE to be worn. Any leaks and puddles to be regularly cleared from floor and walking areas. |
| 07 | D) Existing Structures | Flammable materials | Fire from construction | All | Construction workers | Yes | No | 3 | 4 | 12 | Method statements in place and correct PPE to be worn. Fire extinguishers to be in place and located close to work area. |
| 08 | D) Existing Structures | Fragile materials | Falling construction materials | All | Construction workers / public | Yes | No | 2 | 4 | 8 | Edge protection to perimeter with correct PPE and method statements in place for work to be undertaken. Materials and debris to be regularlycleared from roof to avoid wind blown detritus. |

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| 09 | D) Existing Structures | Dusty materials | Breathing in dust | All | Construction workers | Yes | No | 5 | 2 | 10 | Correct breathing PPE and gloves to be worn. Ventilate the area well. Keep material cuts to a minimum. |
| 10 | D) Existing Structures | Toxic materials | Breathing in toxic fumes | All | Construction workers | Yes | No | 1 | 4 | 4 | Correct breathing PPE and gloves to be worn. Ventilate the area well and regularly. |
| 11 | D) Existing Structures | Gases | Breathing in gasses | All | Construction workers | Yes | No | 2 | 2 | 4 | Correct breathing PPE and gloves to be worn. Ventilate the area well and regularly. |
| 12 | D) Existing Structures | Asbestos | Airborne fibres and skin contact | All | Construction workers | Yes | No | 1 | 3 | 3 | Consult Asbestos register for the building. If found removal to be undertaken by specialist contractor. |
| 13 | D) Existing Structures | Weak / Dangerous structures | Falling debris, crushing injuries | All | Construction workers | Yes | No | 3 | 4 | 12 | Suitably prop structure if required. Correct PPE to be worn. |
| 14 | D) Existing Structures | Demolition | Falling debris, crushing injuries | All | Construction workers | Yes | No | 3 | 5 | 15 | Suitably prop structure if required. Correct PPE to be worn. |
| 15 | E) Ground Conditions | Trees / vegetation | Tree falling onto goods and workers | Site Plan | Construction workers | Yes | No | 1 | 4 | 4 | No parking, loading, storage or any other activity nearby the site trees. Tree roots to be kept clear at all time. |
| 16 | E) Ground Conditions | Contaminated ground | Toxic air quality | Site Plan | Construction workers | Yes | No | 1 | 4 | 4 | Contractor to monitor findings during excavation and report any anomalies to Principal Designer. Correct PPE and gloves to be worn. |
| 17 | F) Hazards, Operations or Work Sequences | Working at height | Falling from roof | Roof Plan | Construction workers | Yes | No | 2 | 4 | 8 | Correct PPE and scaffold system with method statements to be agreed and in place prior to works to roof. |
| 18 | F) Hazards, Operations or Work Sequences | Risk of falling objects | Falling construction tools and materials | All | Construction workers / public | Yes | Yes | 3 | 4 | 12 | Edge protection to perimeter with correct PPE and method statements in place for work to be undertaken. Materials and debris to be regularly cleared from roof and high surfaces to avoid wind blown detritus. |
| 19 | F) Hazards, Operations or Work Sequences | Fragile Roofs | Demolition of roof | All | Construction workers | Yes | No | 3 | 3 | 9 | Edge protection to perimeter with correct PPE and method statements in place for work to be undertaken. Materials and debris to be regularly cleared from roof to avoid wind blown detritus. |
| 20 | F) Hazards, Operations or Work Sequences | Connection to existing services | Electrocution / disruption to services | All | Construction workers | No | No | 2 | 4 | 8 | Locally manage services, contain and power down. Out of hours may be required if it affects building inhabitants. |
| 21 | F) Hazards, Operations or Work Sequences | Excavations / piling | Electrical hazards | All | Construction workers | Yes | No | 3 | 4 | 12 | Excavation work can expose underground electrical and utility lines, posing a risk of electrical shock or electrocution. Locally manage services, contain and power down. Method statements in place and correct PPE to be worn. |
| 22 | F) Hazards, Operations or Work Sequences | Heavy objects | Muscle strains | All | Construction workers | Yes | No | 2 | 2 | 4 | All heavy equipment to be lifted and operated with due care. Contractor to oversee the use of all heavy machinery and heavy lifting. |
| 23 | G) Structural Design, Precautions & Sequences | Permissible live loads for access / materials | Roof structural failure | All + SE drawings | Construction workers | Yes | Yes | 1 | 5 | 5 | All new loadings of plant / materials to be checked and agreed by Structural Engineer |
| 24 | G) Structural Design, Precautions & Sequences | Temporary support | Injuries by falling structures | All + SE drawings | Construction workers | Yes | Yes | 2 | 4 | 8 | All temporary props to be checked and agreed by Structural Engineer |

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| 25 | G) Structural Design, Precautions & Sequences | Maximum lifts (brickwork) | Muscle strains | All | Construction workers | Yes | No | 3 | 2 | 6 | Contractor to train workers on safe lifting practices and the proper use of personal protective equipment |
| 26 | G) Structural Design, Precautions & Sequences | Methods of fixing (steel and other) | Breathing in toxic fumes | All | Construction workers | Yes | No | 2 | 3 | 6 | Contractor to provide workers with respiratory protection and PPE kit. Only trained workers to use equipment and machinery for welding and fixing steel. |
| 27 | H) Construction Materials | Welding | Breathing in toxic fumes | All | Construction workers | Yes | No | 2 | 3 | 6 | Contractor to take account of the type of welding, the material being welded, the welding gas used and the electrode or welding rod, in addition to the location, other welding activities, ventilation and the work practices of the welder. |
| 28 | H) Construction Materials | Stone cutting and other dust raisers | Breathing in dust | All | Construction workers | Yes | No | 2 | 2 | 4 | Correct breathing PPE and gloves to be worn. Ventilate the area well. Keep material cuts to a minimum. |
| 29 | H) Construction Materials | Man made fibres | Breathing in fibres | All | Construction Workers | Yes | No | 2 | 2 | 4 | Correct breathing PPE and gloves to be worn. Ventilate the area well. Keep material cuts to a minimum. |
| 30 | J) Site Wide Elements | Site access and egress points | Road Accident | Site Plan | Construction Workers / public | Yes | No | 3 | 3 | 9 | All Workers driving to and from the site to be cautious of accessing and exiting with their vehicles |
| 31 | J) Site Wide Elements | Affect on highway | Traffic or road accident | Site Plan | Construction Workers / public | Yes | No | 3 | 2 | 6 | Contractor to liaise with subcontractors and delivery to avoid unnecessary traffic into the site |