**Project:** Project Admiral

**Project Number:** P4795

**Client:** Poole Housing Partnership

**Lead Designers Name:** Arcus Consulting LLP

**Document Change Control**

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| **Date** | **Revision** | **Person Making Change** | **Details of Change made** |
| 18/08/2018 | Rev 0 | Andrew Greenwood | Document created |
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The table below shows the general risks that have been identified on this project. The risks are listed to assist a competent Contractor along with the normal risks they would expect to find on a typical construction site of this nature.

The significant and unusual risks which will require particular management together with significant design decisions affecting the project are illustrated in the table/s overleaf.

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| **General Hazards** | **Y/N** | **General Hazards** | **Y/N** |
| Movements of Vehicles | Y | COSHH | Y |
| Interface with Building Users | Y | Mechanical Risks | N |
| Interface with General Public | Y | Work Equipment | Y |
| Electrocution | Y | Electrical Hazards | Y |
| Falls from heights | Y | Safe access and egress to the site | Y |
| Slips/Trips | Y |  |  |
| Fire Hazards | Y |  |  |
| Noise Hazards | Y |  |  |
| Chemical and Biological Hazards | Y |  |  |
| Hot working | Y |  |  |
| Excavation Hazards | Y |  |  |
| Lifting Operations/Equipment Hazards | Y |  |  |
| Manual Handling | Y |  |  |

The following table identifies significant or unusual risks that a competent contractor cannot be expected to know about or those that are common but difficult to manage on this contract.

| **Ref No.** | **Risk Description** | **Mitigation Controls/Comments** | **Ownership** | **Future Action** | **Status** |
| --- | --- | --- | --- | --- | --- |
| **1** | **Building Construction** | | | | |
| 1.1 | Contaminated ground | Not applicable. | N/A | N/A | N/A |
| 1.2 | Site clearance / buried services / excavation for surfaces and landscaping | Locate and clearly mark live services before works. Consult information provided by services/ statutory authorities.  Minimise periods between excavation and providing foundations. Provide shoring as required by ground conditions and temporary propping of unstable structures.  Determine water levels before excavating. | Contractor | To be addressed | Live |
| 1.3 | Disposal of waste materials | Contractor to ensure all waste materials are handled, stored and disposed of in strict accordance with all the latest regulations.  Contractor to have all control procedures in place prior to removal.  Contractor to ensure operatives are provided with suitable protective clothing and equipment and are suitably trained and supervised. | Contractor | To be addressed | Live |
| 1.4 | Access | Contractor to ensure that all work activities are confined to the localised area of working.  Contractor to ensure procedures in place to adequately separate the residents and public from the works whilst maintaining unobstructed access to the front of the building and individual flats. | Contractor | To be addressed | Live |
| 1.5 | Delivery of Materials | Contractor to ensure that all materials delivered to site be delivered out the hours for local school drop off/collection (i.e. between 10am & 2.30pm).  Contractor to implement traffic management plan.  Operation to be supervised by competent person and delivered into pre-designated compounds or drop off areas and barriered off from the residents and public. | Contractor | To be addressed | Live |
| 1.6 | Working in close proximity to occupied properties | Working operations will be required near to the front and rear access routes. All heavy materials to be positioned so as to not cause obstruction to residents and the public, outside working hours.  Materials and tools to be taken away or stored in lockable containers outside working hours. | Contractor | To be addressed | Live |
| 1.7 | Lifting materials | Use of mechanical machinery to be used when moving heavy materials. | Contractor | To be addressed | Live |
| 1.8 | Hot works (roofing works) | Contractor to ensure that only trained operatives undertake hot works and permit to works system is in place.  All flammable materials to be removed from working area.  Upon completion of each working day a competent person shall check working area to ensure no signs of fire or burning.  Contractors to wear protective hand gear and overalls. | Contractor | To be addressed | Live |
| 1.9 | Materials and tools left on floor | Ensure working areas are kept clean and tidy, ensuring no trips or falls occur to workman, residents and the public. | Contractor | To be addressed | Live |
| 1.10 | Parking of Contractors vehicles and movement of mechanical plant. | Contractors to park vehicles in pre-allocated parking areas.  Temporary Parking for residents and public whilst onsite is to be monitored on a daily basis by a competent person. Whilst observing potential hazards of collision of vehicles and general public. | Contractor | To be addressed | Live |
| 1.11 | Electrical hand tools | Competent person to ensure work area is free from water prior to work commencing. Contractor to implement control procedures.  All electrical hand tools to be fitted with circuit breakers. | Contractor | To be addressed | Live |
| 1.12 | Stripping out of electrical works | Ensure all work is carried out by Qualified Electrician.  Carry out all work in a systematic manner.  Contractor to ensure that all temporary connections are implemented by skilled operatives and inspected by a competent person.  Installations, existing and new to be inspected at the end of each working day for sign of fire.  Wires, conduits, capping and the like to be removed by competent person as work proceeds to storage skips.  Contractor to use only suitably trained operatives | Contractor | To be addressed | Live |
| 1.13 | New Wiring Installation | Ensure all work is carried out by Qualified Electrician.  Carry out all work in systematic manner.  Ensure that each item of work is complete before moving on to the next operation.  Always leave final connection at consumer unit last to avoid risk of working on live circuits.  Carry out full test prior to briefing tenants on use of completed installation. | Contractor | To be addressed | Live |
| 1.14 | Demolition works | Ensure all work is undertaken by a suitably trained operative.  Contractor to wear protective eye, hand and face protection and overalls.  Contractor to ensure works undertaken in suitably controlled manner and that debris is kept clear of all communal areas where applicable. | Contractor | To be addressed | Live |
| 1.15 | High level works | Ensure all work is undertaken by a suitably trained operative. Contractor to carry out tool box talk on roof works.  Contractor to ensure that scaffolding is used where applicable.  Contractor to ensure that ladders are tied to the scaffold and removed at the end of each working day. Ensure brick guards and scaffold protection measures are implemented onsite. | Contractor | To be addressed | Live |
| 1.16 | Falling materials, tools etc | Work areas to be kept tidy at all times. Reduce the requirement for the amount of materials, tools etc to be present within risk areas (mast climber platforms, scaffolds, roof perimeters etc).  Exclusion zone to be implemented directly below all works areas where there is a potential for falling materials, tools etc.  Provide temporary scaffold tunnels etc to all areas requiring access/egress to be maintained.  Ensure guards, netting and general protection measures are implemented onsite. | Contractor | To be addressed | Live |

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| **General Comments:** |
| This initial Designer Risk Assessment is for planning only. This document will need to be further developed between Designer and Contractor prior to works commencing on site. |