

M K Builders(Manchester) Limited
Construction Management Plan
Revision C

Project: Erection of a two-storey, attached single dwellinghouse (Class C3) with accommodation in roof space and associated infrastructure

Address: Land to the side of 27 Wilaston Close, Chorlton, Manchester, M21 8BJ

Activity: Construction Site

Description: General Construction site rules and method of working

Start Date: 01/11/2024 **Duration:** 26 weeks

1. Hours of Work: 07.30-18.00 (Mon-Fri) & 08.30-14.00 (Sat). Sundays and public holidays no working. These hours relate to noisy works which are audible beyond the site boundary. No plant, machinery or equipment associated with such works shall be started up or operational on the development site outside of these permitted hours.

2. Responsibilities

Project Manager: Khalid Mehmood Niaz

Supervisor: Khalid Mehmood Niaz

Number of Operatives: 4-8

3. Hazards

Hazards Associated with Activity

- Site Plant
- Use of Hand Tools
- COSHH
- Manual Handling
- Falls from Height
- Excavations
- Site Traffic and Vehicles
- Waste Management

Site Specific Hazards:

- Working with other trades on site
- External Works
- Underground services located close to work area

Risk assessments will be carried out for the activity and will form part of the induction and must be followed on site.

4. Work Procedure & Control Measures

- All works to be carried out in accordance with the risk assessments in place. Identification of any conflicts of other working groups or work activities operating within the same area and specify communication and liaison arrangements to control additional risks.
- Work area to be securely cordoned off to prevent unauthorised access.
- All workers to undertake site induction prior to commencing work.
- PPE to be worn at all times.
- Emergency Contact number will be displayed on the External sign of the site

TRAINING

- operatives are to receive training on manual handling techniques, asbestos awareness and work at height.
- All workers to undertake site induction prior to commencing work.
- Tool box talks will be carried out at weekly intervals during the works to raise awareness of relevant H&S issues. Only qualified / certified or otherwise competent personnel will be permitted to undertake work.

Heights

Work at height will be eliminated where possible, through changing work procedures or using alternative equipment. Step ladders are only to be used for access and short duration work. Where suitable scaffolding, tower scaffold, or MEWP. Tower scaffolds to be erected by trained operatives. MEWPS to be used by suitably trained operatives. Access equipment will be securely stored at the end of each shift to prevent unauthorised use. Exclusion zones will be established in the area below any overhead works, using suitable barriers and signage, to protect people below from falling tools or materials. Employees forbidden from entry into unsupported trenches. Where access into a trench is required safe means of access (eg fixed ladder) provided.

5. DELIVERY & STORAGE

- All required materials to be delivered to site prior to work commencing.

- All equipment and materials delivered to site will be labelled and stored at a designated location in accordance with manufacturers instructions and any applicable COSHH assessments.
- Dry storage area to be used for bagged cement materials Materials will be stored safely away from access routes.
- All materials unloaded using mechanical aids with sufficient safe working loads.
- Materials stacked no higher than 2 pallets in a safe manner on level ground within the site boundary. Materials to be stored within storage units or otherwise protected from weather conditions and kept dry.

6. HOUSEKEEPING

- All good practice guidelines regarding housekeeping in the workplace will be observed.
- All spillages will be immediately cleaned up so as to prevent any slip hazards.
- All work equipment, chemicals and substances will be properly secured when they are not in use, so as to prevent any unauthorised usage or accidental contact.
- During the works, the area will, so far as is reasonably practicable, be kept clean and tidy with clear walkways as appropriate.
- Public highways directly adjacent to the site will be swept daily and hosed down if deemed necessary when required.
- A community engagement strategy will be in place. All contractors have been asked to engage with members of the public in a polite and orderly manner at every available opportunity.

7. EXTERNAL WORK

- External work prohibited during extreme weather such as rain, strong winds or snow.
- External work at height also prohibited in icy conditions.
- Operatives to be warned of the dangers of skin damage prior to external work.
- Operatives must wear appropriate clothing to protect skin and must apply sufficient sun protection when exposed to UV rays.
- Works to be carried out in a step by step manner in order to reduce dust and particle emissions. In the case of overly dry conditions and higher than expected levels of dust those areas are to be hosed down with water.
- Work area to be segregated from any pedestrians or traffic and signs erected to prevent members of the public or vehicles coming into contact with operatives or site equipment.

8. SITE RULES

- All operatives and contractors requiring access to site must be in possession of, and wear, hard hats, safety boots, overalls and protective gloves when working on this project.
- When dust is created, dust masks and eye protection will be worn. Eye protection will also be worn when handling or working around sharp objects.
- For hot work, appropriate clothing (masks, gloves, and overalls) will be worn as per risk assessment.

- Ear protection to be mandatory on this project for all operations with noise levels exceeding 80dB(A).
- Persons working externally must wear hi-visibility clothing as they will be proximate to a local route.
- Any operatives needing to work at a level at which a significant injury could result from a fall, must wear safety fall-arrest harnesses, which must be attached to a line or load bearing structure, before the operative commences work.
- All operatives to be trained in the correct use of PPE.
- All operatives to receive Health and Safety induction prior to commencement of work. All operatives (including subcontractors operatives) to produce certificates of competence to operate plant and specialist equipment to the principal contractor.
- Test and inspection certificates for plant brought onto the site must be available for inspection at all times.

9. SITE SET UP

- Sign and fence any open boundaries on the site.
- Construction safety signage at the site entrances and on perimeter fencing.
- Site WC will be provided, along with canteen, washing and rest area facilities.
- Water and power to be connected from suitable supply, to enable the provision facilities for making hot drinks.
- Site to be cleaned regularly.
- Disconnect all services and isolate within working areas as required.
- Supply to be installed and connected by a competent electrician.
- Deliver materials for initial works to site by vehicle and off load to material compound area.

10. TRAFFIC MANAGEMENT

- The site being a relatively small Build would not require Temporary Road Closure. As the site is located next to an adopted Highway, Temporary Road Closure will be applied if a need arises whilst work being carried out.
- Access to site to be gained by delivery vehicles from Wilaston Close.
- The same will, as far as is practicable, will be early in the morning to avoid disruption. These will be unloaded to a forklift for delivery to the site or operatives on site will remove materials from the delivery vehicle by hand and carry to the site.
- Any turning or reversing must be carried out with the aid of a banksman. Banksman to wear a hi-visibility vest/jacket.
- Manoeuvring of any large loads or vehicles to be carried out with a banksman in attendance to ensure that all third parties are kept clear of site operations.
- Parking is only allowed in recognised allocated vehicle parking areas. Each contractor to ensure unnecessary delays do not occur that could obstruct vehicle / pedestrian movements.
- Drivers must take care when other vehicles and pedestrians are in any area through which they are moving. Where possible audible and visual signs should be used for reversing.
- Wheels will be hosed down/washed when entering and exiting the site.

11. EXCAVATIONS

- Any area to be excavated will be clearly marked on the surface.
- Excavate to expose any underground services within work area.
- Safe digging practise with hand tools implemented to locate and protect services within work area.
- All digging within 600mm of buried services completed by hand.
- Any discovered service lines to be exposed, supported and isolated.
- Machinery only operated by trained and competent operatives.
- Machinery tested and maintained in accordance with manufacturers instructions.
- A Banksman will be used to assist in the safe operation of the plant and to observe the area being excavated to ensure there are no undiscovered services.

12. WORKSPACE

- All good practise guidelines regarding the provision of sufficient clear working space will be observed. Prior to commencement of any works, sufficient clear working space (taking into account the nature of the work, the location in which the work is to take place, and the needs of any other building / site occupants) will be made available, so far as is reasonably practicable.
- Suitable warning signage and barriers (as appropriate) shall be positioned around the work area, so as to restrict other persons from entering said area. During the works attention will be paid at all times to the maintenance of a clear working space. If during the works the maintenance of a clear working space is impracticable, the person undertaking the work will liaise with the site management / principal contractor.

13. WORK EQUIPMENT

- All current legislation and codes of practice regarding work equipment usage will be complied with.
- Only those persons who have received suitable and sufficient instruction and training will be permitted to use work equipment.
- All work equipment will operate on 110v. Any mains powered 240v work equipment will operate, via a transformer or other power reducing device, at a reduced voltage of no more than 110v.
- Prior to using any item of work equipment, it will be inspected to ensure it is in good working condition and unlikely to cause harm or injury to any person as a result of its correct usage. Equipment guards to be correctly fitted before use.
- All personnel are advised to check tools before each use and to take unsafe equipment out of service immediately, for repair or replacement.
- Periodic testing and maintenance of all equipment carried out in accordance with regulations and manufacturers instructions.
- When not required for immediate use, all items of work equipment will be securely stored so as to prevent any unauthorised use or accidental contact with any sharp / rotating blades.

14. WORK AT HEIGHT

- All current legislation and codes of practice regarding working at heights will be complied with. Suitable access equipment will be selected to provide a safe working platform (taking into account the task, the duration and the platform use and the location in which the platform is to be used) shall be employed whilst undertaking any work at height and will be subject to inspection before and during its use.
- Any fragile materials / structures / areas to be protected and covered to prevent falls through materials, with barriers and safety netting to be fitted as required. Suitable access shall be provided to the working platform and will be subject to inspection before and during its use.
- All working platforms are to be correctly fitted with guardrails and toe boards before use. If there is still a risk of people falling from the platform a harness with a short work restraint lanyard must be secured to a suitable manufacturer approved anchorage point within the basket to stop the wearer from getting into a position where they could fall from the carrier.
- Suitable barrier edge protection shall be employed where necessary. Suitable warning signage and barriers (as appropriate) shall be positioned around the work platform base / danger area, so as to prevent unauthorised access. Only those persons who have received suitable instruction shall be permitted to undertake work at height.

15. LIFTING OPERATIONS

- All persons involved in any lifting operations to be competent for the task they are to carry out.
- Communications between the crane operative and banksman is to be by two way radios or hand signals if there is a good line of vision.
- Access to area below lifting operations prohibited and to be prevented at all times, with suitable barriers and signage.
- Heavy loads are to be lifted into position by mechanical aids to minimise manual handling.
- Where manual handling is required this will be supported by lifting gear and sufficient personnel must be allocated to the work, from safe working platform.

16. MANUAL HANDLING

All manual handling will be minimised through the provision of mechanical aids where practicable. Where possible materials will be supplied in loads of under 25kg. Operatives are not expected to handle loads above 25kg on the site without assistance. If items above 25kg are to be lifted, or unusual, unstable or hazardous items, the supervisor / site manager will determine a safe method of handling through completing a risk assessment and specifically instruct nominated individuals. Any items of loads above 25kg to be handled through mechanical aids or team lifting. The following manual handling procedures will be taken; Deliveries and materials handling will be planned to minimise the extent of manual handling of materials. Routes by which materials have to be carried by hand will be checked for, and kept free of, obstructions. Appropriate PPE will be worn to make sure that materials can be handled safely, eg gloves and safety footwear. Two or more operatives will carry larger or heavier items.

17. HARMFUL SUBSTANCES

All current legislation and codes of practice regarding chemical / substance usage will be complied with. Where possible any hazardous substances will be substituted for alternative non-hazardous substances. COSHH assessments will be carried out prior to use of hazardous substances. Only those persons who are fully conversant with a chemical / substance will be permitted to use the chemical / substance. Adequate ventilation will be maintained at all times where hazardous chemicals / substances are used. When not required for immediate use, chemicals / substances will be kept in a suitable closed container and in a secure location, so as to prevent their unauthorised use. If during the works, the provision / maintenance of a well vented workplace is impracticable, the person undertaking the work will liaise with the site management / principal contractor with a view to resolving the issue.

18. PARTICULATE MATTER (DUST) AND NOISE

With regards to nuisance, the methodology in which activities are undertaken must apply Best Practice Means (BPM) in order to minimise negative impact on local, sensitive receptors (existing domestic dwellings). Following measures shall be used where necessary in order to prevent noise and dust.

Noise

The Contractor shall comply with the recommendations set out in BS5228:2009 and in particular with the following requirements:

- Vehicles and mechanical plant will be maintained in a good and effective working order and operated in a manner to minimise noise emissions. The contractor will ensure that all plant complies with the relevant statutory requirements.
- Compressor, generator and engine compartment doors will be kept closed and plant turned off when not in use.
- Care would be taken when unloading vehicles to avoid un-necessary noise.
- The use of particularly noise plant will be limited, i.e. avoiding use of particularly noisy plant early in the morning;
- Restrict the number of plant items in use at any one time.
- Plant maintenance operations will be undertaken at distance from noise-sensitive receptors.
- Reduce the speed of vehicle movements.
- Ensure that operations are designed to be undertaken with any directional noise emissions pointing away from noise-sensitive receptors.
- When replacing older plant, ensure that the quietest plant available is considered.
- Drop heights will be minimised when loading vehicles with rubble.
- Vehicles should be prohibited from waiting within the site with their engines running.
- Hours of operation should be strictly enforced and any deviations other than those previously identified will be with the consent of the local authority.

Dust

- Use sheeted lorries and sealed / covered skips
- Use dust extraction equipment when drilling and cutting
- Damp down haulage roads and stockpiled materials in dry and windy weather
- Sweep down access roads regularly
- Locate plant and equipment away from sensitive receptors
- Isolate plant and equipment when not in use
- Keep engine compartment doors closed
- Limit vehicle movements on site

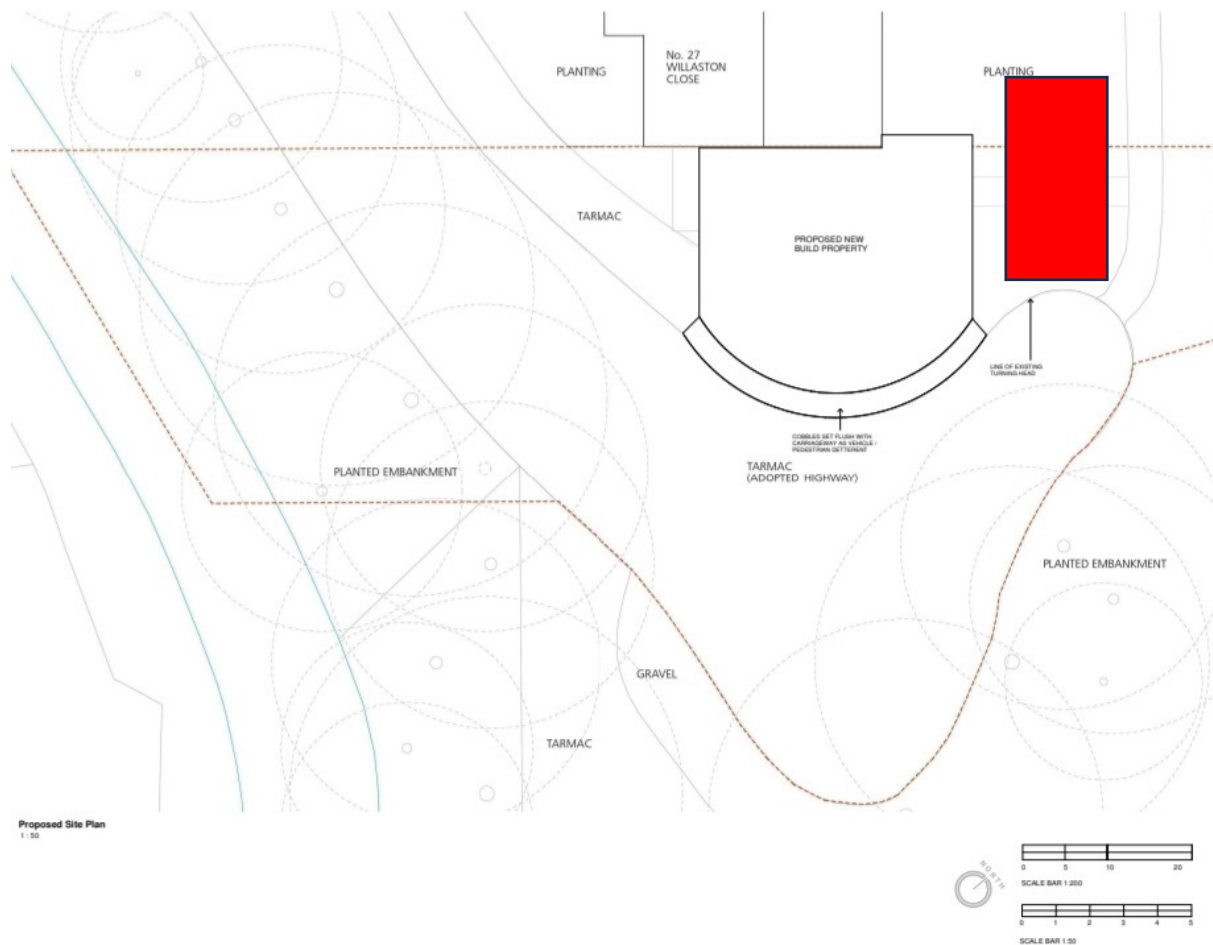
19. FIRE PREVENTION

- All current legislation / codes of practice regarding fire prevention will be complied with. Where possible any flammable substances will be substituted for alternative, non flammable substances. All hot works will be controlled through use of a permit to work system.
- Prior to commencement of any works that may involve the use of a naked flame, all combustible material / pressurised containers will be removed from the immediate vicinity.
- Prior to commencement of any works that could create a fire, suitable portable fire fighting equipment will be positioned accordingly.
- During any works which involves the use of a flammable article / substance, all appropriate measures will be taken so as to keep sources of ignition (naked flames, cigarettes etc) away from said flammable articles / substances.
- Skips and storage of flammable materials will be positioned away from any potential sources of ignition and protected from any foreseeable risk of arson.
- Upon completion of any works which may have given rise to the risk of fire / explosion, the area will be checked and left in a clean condition.

20. WASTE DISPOSAL

- All current legislation regarding the prevention of environmental contamination (including waste disposal) will be complied with.
- Any contaminated or hazardous waste created as a result of works carried out will be properly contained and disposed of by a specialist company.
- Waste must be transferred using a waste transfer note.

Please note that designated compound location is shown below in Red. This will allow the build to happen without relocating of the compound and it is situated away from the road to allow access to the end of the cul-de-sac. Location, removal and recycling of waste, will be at the compound highlighted.



21. PPE REQUIREMENTS

- Safety Boots
- Hard Hat
- Hi-Viz Clothing
- Gloves
- Ear defenders
- Dust mask
- Eye protection
- Harness
- Face shield
- Overalls
- RPE

Additional PPE is required for certain activities as indicated by specific risk assessments.

22. MANAGEMENT ARRANGEMENTS

Monitoring Arrangements;

- Monitoring of this activity will be carried out using a variety of different means such as; inspections, checklists, meetings, audits, reviews, and employee consultation.
- The supervisor will carry out regular inspections of the works and highlight any concerns.

First Aid Provision; Nominated First Aider(s) First Aid Kit Accident Book

Welfare Provision;

- Welfare facilities will be provided within close proximity to the work area. Personnel must not smoke in the work area.
- Welfare facilities, including rest areas and toilet facilities, will be left as they were found in a clean and tidy manner, and operatives are to ensure that they are reasonably clean and tidy before entering the premises.

Emergency Procedures;

- In the event of an accident notify the first aider immediately, for a major injury call 999 or if in doubt call 111.
- In the event of a fire, sound alarm and exit the site by the nearest exit. Do not attempt to tackle the fire unless you have been trained to do so and it is safe to do so.
- In the event of discovering a material that you suspect could be asbestos containing, stop work immediately and notify the site manager, supervisor for further instructions.

23. Community Consultation/Complaints Procedure

Consultation: The impact on those living and working in the vicinity must be minimised as far as is reasonably practicable.

- The maintenance of good community relations is vital. Experience shows that construction noise has the potential to cause disturbance but can be tolerated if prior warning and explanation has been given to residents. In particular advice regarding the nature of construction works, the duration of the works and mitigation measures to be implemented can help to reduce people's reaction to noise and other disturbance.
- Contractors will consult local residents/communities regarding works and to give them details of a responsible appointed person on site who will be able to deal with queries.
- Construction working hours should be carefully managed. All works should take place between normal working hours 08:00 and 18:00, Monday to Friday
- The local authority have no pre-defined construction noise limits however best practicable means to control noise levels as far as reasonably possible, will be employed.
- Details of complaints procedure will be outlined in the pre commencement letter drop for the local residents

COMPLETED BY

Name: Khalid Mehmood Niaz

M K Builders (Manchester) Ltd

Date: 27 Nov 2023