

Construction Environmental Management Plan



**OAK
CONSTRUCTION
PROJECTS**

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The Corner Plot Rochdale

General Information

Site Address

The site is located at the corner of Maclure rd and station rd Rochdale.

Contract Description

The project involves demolishing existing buildings and constructing a new apartment block, including 33 no one- and two-bedroom flats, along with ground-floor commercial units, the existing 3 story building is being refurbished and turned into apartments and retail units.

Works shall include the following, site set up, fencing and installation of welfare facilities, isolation of services and undertake investigations, Ground works and construction of foundations, superstructure works including brickwork, structural frame, internal floors, and associated roof works, associated temporary works and scaffolding, fit out including joinery works, floor finishes, new kitchens, bathrooms, plaster to walls, ceilings, tiling. services installations: electric, hot & cold water & comms. Landscaping, external works, attenuation and drainage works. The works also include provision of electricity and water, hot and cold-water installations, full central heating installations, and all associated external works including external lighting, hard and soft landscaping, paving/paths, creation of car parking, and works to the existing highway.

Risk Assessment & Method Statements (RAMS)

Oak Construction Projects will require all sub-contractors on site to provide a set of RAMS for their scope of works prior to working on site. All RAMS will be reviewed and approved by the OCP Health and Safety Manager and senior PM, prior to works commencing on site to confirm they are adequate for the scope of works.

Site Welfare

All welfare on site will be compliant with the requirements of the HSE and Considerate Constructors. Oak Construction Projects standard is to include the following welfare facilities:

- Running hot and cold water
- Heated accommodation
- Provision for workers to dry clothing and footwear.
- Provision of suitable office accommodation for the site management team
- Provision of suitable meeting space for the client (where applicable)
- Provision of accommodation for workers to take breaks and eat within
- Suitably sized toilet blocks connected to main drainage, where possible
- Furniture
- Fire extinguishers for accommodation.

Hours of Site Operation

All construction activities at the site will be limited to the following hours:

- Monday to Friday: between the hours of 07.30 and 17.00
- Saturday: between the hours of 08.00 and 14.00 with written approval from OCP

Information regarding restrictions to deliveries will be included in all supplier purchase orders and within all sub-contractor pre-start meetings and order information.

There is to be no working on Sundays or Bank Holidays.

There may be limited occasions where working is required outside of the above hours however this will only take place with formal prior agreement,

Compound Location and Delivery Route

A copy of the site location, and logistics plan is provided in the Appendix

As part of the induction process all subcontractors and operatives will be requested to ensure all vehicles will be directed to park in nearby parking facilities – the closest being the Matalan shopping centre owned by RBC.

Operatives will be informed of parking and traffic management arrangements as part of site inductions conducted. The Site Manager shall check on a regular basis that no parking associated with site activities causes a nuisance to others.

All delivery vehicles will access the site from Station Road and will egress via Maclure Road.

Construction Methodology

This construction methodology is a piled foundation due to ground conditions, typically sandy with the risk of water run-off, to avoid any environmental issues.

With regards to the piling of foundations, where this is required for the proposed buildings, the avoidance of driven piling, for example by using rotary bored piling where possible, will ensure noise and vibration effects during these works will be reduced. Works will be carried out below ground level and behind existing retaining wall structures, which will mitigate the noise; noise levels will be monitored and, if deemed necessary, acoustic barriers will be utilised.

Occupiers of nearby properties will be informed in advance of the works taking place, including the duration and likely noise and vibration impacts. In the case of work required in response to an emergency, the local authority and local residents will be advised as soon as reasonably practicable that emergency work is taking place. Potentially affected parties will also be notified of a contact number.

The apartment block will be constructed using a lightweight steel frame structure with brick facade.

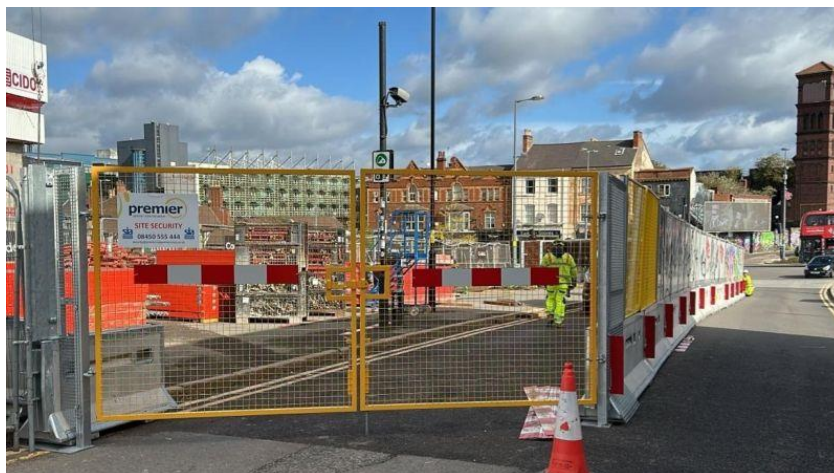
Scaffolding will be erected during the erection of the superstructure; a suitably qualified contractor will perform all scaffolding works. Scaffolding will be inspected weekly whilst it is erected to ensure it is safe to use.

Site Security

Prior to starting on site, Oak Construction Projects will erect Hoarding around the development. Construction Site; warning signs will be displayed around the perimeter of the site development. The site gates will be locked when unattended. As the perimeter of the development will be utilising the road closure on station road and Maclure road we will be utilising a barrier fencing with open mesh topping [as picture below] Internal boundaries will be mesh / Heras fencing.

The site will have 24hour CCTV installation as soon as possible, prior to this a guard will be present for out of hours security. Prior to leaving the site at the end of the working day, Oak Construction Projects Site Management will ensure the site is secure by conducting daily perimeter checks.

An example of hoardings we are looking to use.



Loading and unloading of plant and materials

Loading and unloading of plant and materials will be from the site access off Station Road. Delivery vehicles will not be allowed to block access/egress for residents. For larger deliveries, the Site Manager will agree in advance arrangements with the suppliers for wagon driver to park safely away from the site and phone in advance of arrival.

All construction traffic will be supervised by a banksman safely located to ensure safety of other traffic and pedestrians, both when entering and exiting the site.

Plant and materials will be unloaded inside the site boundary, by mechanical means. Removal of waste from the site will be by wagons loaded inside the site boundary and then driven away from site.

Deliveries will be scheduled with suppliers to ensure that the cueing of HGVS on neighbouring streets is minimised. Delivery times will be communicated to suppliers via the site team and procurement team.

Storage of plant and materials

Storage of all plant and materials is required to be within the fenced site area and in areas designated by the Site Manager.

For the main site works, storage areas will be established in the main site. Management of removal of spoil, programming of deliveries will be carefully managed to ensure that materials/waste stored on site is kept at optimum levels.

COSHH materials will be kept in a COSHH store, drip trays/plant nappies will be provided for all fuelled equipment, any fuel bowsters will be double walled. A mortar silo will be installed on a suitable platform with stop blocks.

Storage areas will be organised to provide safe travel/transportation routes minimising risk of collision, damage or loss of materials. All plant will be secured at the end of each working day. Small plant, tools etc will be taken off site or locked in a secured cabin. Access equipment will be removed, locked up or protected to prevent unauthorised use.

Non-inert waste will be placed in skips and either removed daily or secured overnight.

Measures to prevent deposition of dirt on the public highway.

All vehicles leaving the site will have a visual inspection prior to leaving the site. Any vehicles which are found to be holding excessive dirt will have their wheels cleaned and the dirt removed using a jet wash, once the vehicle is deemed suitably cleaned it will be allowed to leave site.

Deliveries to site and construction traffic will utilise hard standing areas wherever possible.

Road sweeps are to be booked as and when required.

Vehicles transporting dirt / material from site will be fitted with covers.

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Dust Management Strategy

Works will be planned to minimise the extent of storage of materials from which dust could readily arise. The Site Manager shall ensure dust suppression measures are put in place. Control of dust from specific operations, such as cutting, is controlled strictly through risk assessments and method statements to protect the operatives' health. Materials will ideally arrive to site pre-cut to size, if cutting is required this shall be controlled with vacuums and other forms of dust suppression dependant on the operation.

Wagons removing waste that could produce dust shall be sheeted over on site. Any storage of such waste on site shall be removed daily or covered over.

Step 3 of the IAQM guidance sets out a framework for determining appropriate mitigation measures based on the predicted risk (step 2C) and also allowing for a level of professional judgment. The following mitigation measures can be incorporated into the development to ensure that the residual effects from construction are insignificant.

As the site is classed as low risk the following mitigation measures are recommended:

Site management

- Record all dust and air quality complaints, identify cause(s), take appropriate measures to reduce emissions in a timely manner, and record the measures taken.
- Make the complaints log available to the local authority when asked.
- Record any exceptional incidents that cause dust and/or air emissions, either on- or offsite, and the action taken to resolve the situation in the logbook.

Preparing and maintaining site

- Plan site layout so that machinery and dust causing activities are located away from receptors, as far as is possible.
- Erect solid screens or barriers around dusty activities or the site boundary that are at least as high as any stockpiles on site.
- Fully enclose site or specific operations where there is a high potential for dust production and the site is active for an extensive period.
- Ensure all vehicles switch off engines when stationary - no idling vehicles.
- Avoid the use of diesel- or petrol-powered generators and use mains electricity or battery powered equipment where practicable.
- Produce a Construction Logistics Plan to manage the sustainable delivery of goods and materials.
- Implement a travel plan that supports and encourages sustainable travel.

Operations

- Only use cutting, grinding or sawing equipment fitted or in conjunction with suitable dust suppression techniques such as water sprays or local extraction, e.g. suitable local exhaust ventilation systems.
- Ensure an adequate water supply on the site for effective dust/particulate matter suppression/mitigation, using non-potable water where possible and appropriate.
- Ensure equipment is readily available on site to clean any dry spillages and clean up spillages as soon as reasonably practicable after the event using wet cleaning methods.

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Waste Management

- Suitable segregated skips to be provided.

Construction

- Ensure sand and other aggregates are stored in bunded areas and are not allowed to dry out, unless this is required for a particular process, in which case ensure that appropriate additional control measures are in place.

Track out

- Use water-assisted dust sweeper(s) on the access and local roads, to remove, as necessary, any material tracked out of the site. This may require the sweeper being continuously in use.
- Avoid dry sweeping of large areas.
- Ensure vehicles entering and leaving sites are covered to prevent escape of materials during transport.
- Record all inspections of haul routes and any subsequent action in a site logbook.
- Implement a wheel washing system (to dislodge accumulated dust and mud prior to leaving the site where reasonably practicable).
- Ensure there is an adequate area of hard surfaced road between the wheel wash facility and the site exit, wherever site size and layout permit.
- Access gates to be located at least 5m from receptors where possible.

Noise Emission Measures

Noise levels of equipment are limited as far as possible in relation to health and safety criteria. Where noise levels from equipment are evaluated to go over the 85dBa threshold dictated by the HSE, then PPE must be worn by all nearby personnel. After evaluating the methodology of work, there are no significant noise levels expected on site.

The site will be powered by mains electricity as soon as possible, avoiding the out of hours noise associated with running a generator. Whilst generators are in use on site, they will either be specified to be low noise emitting generators or be housed within noise reducing enclosure to minimise potential impact.

Oak Construction Projects Site Management are required to respond to concerns raised by residents and the public. If there are complaints regarding noise or vibration then the Site Management must stop work and come to a solution, such as:

- Temporary barriers/enclosures (e.g. plywood with sound absorbing materials) can be built around noisy equipment.
- Changing the equipment to one which creates less noise.
- Changing the methodology to create less noise or vibration.

The following measure shall be put into place to minimise disruption due to noise throughout the project. Noise will be minimised by the use modern equipment which is compliant with current standards and is the correct equipment for the task, that equipment will be regularly maintained to ensure its efficient operation. Plant shall be switched off when not in use.

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Traffic Management

All traffic management measures required on the adopted highway and outside of the site boundary have been communicated with as much lead time as possible with the local highway authority. This notification contained accompanying plans to demonstrate measures to protect members of the public.

Temporary Lighting

No works within the site boundary will be planned to be undertaken in periods of darkness. Temporary lighting will be provided in the compound area for security and safety reasons.

Task lighting will be provided as required and will be fitted throughout the apartment block once erected for security and safety reasons.

Lighting will be switched off during non-working hours except for where it is providing a security function.

Recycling/disposal of waste

Suitable spoil from drainage excavations will be segregated and reinstated in trenches.

Waste will be segregated on site or, if not, will be segregated at a waste transfer station by the appointed skip hire company. Waste transfer notes will be obtained for all consignments of waste removed from site.

The Site Waste Report will be completed with the details of waste arising from site and percentages re-used, recycled on and off site, and sent to landfill.

Community Engagement

Regular newsletters will be issued to residents and the Site Team will engage with all residents to minimise disruption / inconvenience as much as possible.

During the duration of all works on site, the site manager would be the community liaison officer. All complaints / queries are to be directed to the Site Manager to resolve. In the event this does not resolve things then it would be escalated higher.

Where employment opportunities exist within the development then Oak Construction Projects People team and the Site Team will seek to provide opportunities to residents wherever possible.

Emergency Contact Number

In the event of emergency please contact Oak Construction Projects:

Roy Kershaw	SNR PM	07885 465256
Chris Sheelan	H&S Manager	07399 093888

Approval Log

Written By:	Roy Kershaw	Date:	04/11/2025
Approved By:	Chris sheelan	Date:	04/11/2025



APPENDIX 1

i) Logistics Plan / Hoarding Line Plan