

East herts council

The CMLP aims to set out the proposed approach to managing construction works and traffic related impacts arising from the Consented Development.

The Local Planning Authority and Highway Authority is in East Herts.

The CMLP addresses health and safety issues related to all vehicles and mobile plant travelling to, from or around the site during the construction of the project.

The focus of this CMLP is to address the construction principles that will be employed at the site and set out mitigation measures that will be utilised to manage the impact of construction on local residents, the surrounding community and the local highway network.

Aim of the CMLP

The goal of the CMLP is to minimise the impact on the surrounding community, both for the construction on site and the transport arrangements for servicing the site during the construction phase. This document includes measures to minimise any adverse effects from noise, dust, pollution and traffic during construction.

Design 25 Ltd recognises that works should be carried out in such a manner that the day-to-day activities of all adjacent residents, businesses and members of the public are maintained and unaffected by the works. This includes:

- Maintaining access for the emergency services
- Maintaining access for deliveries and servicing of local business and residential premises
- Progressive removal of all waste materials
- Consideration to the generation of any nuisance caused by the works
- Consideration to the nature, size and timing of deliveries and waste removal

Health and Safety Legislation and Guidance Relevant to the CMLP

The key legislation in respect to construction management includes:

- Provision and Use of Work Equipment Regulations;

Key guidance includes:

- The Safe Use of Construction Sites [HS(G)114];
- Protecting the Public - Your Next Move [HS(G)151];
- Construction (Design and Management) Regulations 2015 (CDM 2015);
- Lifting Operations and Equipment Regulations;
- Health & Safety (Safety & Signals) Regulations,

Lifting Signs

Hours of Site Operations

Monday to Friday 08:00 – 18:00 Saturday 08:00 – 13:00

Site Security and Hoarding

If deemed necessary a 2.4m high plywood hoarding will be installed at points where the existing measures are not deemed suitable.

CCTV

It is not envisaged that CCTV will be required for this site, however if during the works it becomes apparent that additional security cover is required then CCTV or security guards will be considered.

Welfare Facilities

Welfare will be provided on site. cabins will be sourced that can be towed/delivered into the site through the existing entrance, they will then be positioned as shown either single or double stacked, dependant on space restrictions or requirements.

Welfare facilities will be provided on site in strict compliance with the Construction (Design and Management) Regulations 2015.

There is an existing electrical supply which can be used as a temporary builder's supply and water is available to the site facilities.

These facilities will be made available from the outset of construction work until completion.

Traffic Management

Parking

W/C

Traffic on construction sites can involve either pedestrians, vehicles or both. The purpose of this procedure is to explain the policy and procedure to be followed for the project traffic management and logistics

To ensure the efficient and safe movement of vehicles and materials to and from the site and work areas, the main considerations will be:

Vehicles

- Access arrangements to site
- Traffic system and vehicle routes
- Estimated number of vehicles per day / week
- Loading and storage areas

Environmental considerations

- Delivery hours and interface with the public

On-site traffic management will take account of the following legislative requirements and key principles:

- Public interfaces
- Highways Act, 1980
- New Roads and Street Works Act,
- Town and Country Planning Act,
- Traffic Management Act,

- Police, Fire Authority and HSE Guidance

Traffic Management: Key Principles

To minimise congestion and inconvenience to any third parties, the following key principles will be followed:

- The roads surrounding the project will not be used as holding areas for vehicles waiting to enter the site except where identified within this CMLP or agreed with the appropriate highway authority.
- All deliveries and collections will be planned and timed to ensure there is no back up of lorries waiting to enter the site; during the demolition and early sub-structure stages there will be space available on-site to hold vehicles.
- Any deliveries not booked in may be refused access unless there is sufficient space on site to hold the delivery pending unloading facilities being made available.
- Any vehicle attempting to deliver outside the agreed working hours will be moved on, unless agreed prior to delivery.
- Site vehicles/deliveries will not block accesses or cause inconvenience to any neighbouring buildings or highway user.
- All vehicles leaving the site must do so without delay or obstruction to others requiring access to the site or its environs.

Management of Deliveries On-site

Delivery Times

It is anticipated that all deliveries to the Site will be organised to take place between the hours of 08:00-18:00, Monday to Friday and 08:00-13:00 Saturday. Where feasible Harvey Construction will seek to minimise deliveries during the peak hours (0800 - 0900 and 1700 - 1800).

Vehicle Loading and Unloading

All loading/unloading for vans will take place on site; for larger lorries there will be an identified loading spot along Churchgate where they will park up if this agreed with Broxbourne Borough Council. This is only anticipated for concrete pours.

Unloading/loading and storage areas will be clearly defined and carefully considered to:

- Be segregated from pedestrian routes using barriers;
- Have sufficient room for all vehicle movements;
- Have adequate lighting and appropriate signage; and
- Have fire points and spill kits located in the immediate vicinity pertinent to the unloading/ loading operations and/or materials being stored

Management of Noise, Dust and Vibration

Noisy Operations

All noisy operations will be carried out in accordance with the hours of site operation noted previously in this document. In some circumstances, it may be necessary for noisy construction works to be carried outside these hours.

Such works may arise from emergency circumstances or the delivery of large plant and equipment where congestion and risks to safety prevent roads being used during working hours. Wherever possible, the local authority and neighbours shall be informed of these exceptions in advance.

Noise and Vibration Mitigation Measures

Vehicles and mechanical plant used for the purpose of works will be fitted with effective

exhaust silencers and maintained in good and efficient working order and operated in such a manner as to minimise noise emissions.

Harvey Construction will ensure that all plant complies with the relevant statutory requirements. Compressors will be fitted with properly lined and sealed acoustic covers that will be kept closed whenever in use. Pneumatic percussive tools will be fitted with mufflers or silencers of the type recommended by the manufacturers.

Machines in intermittent use will be shut down in the intervening periods between works or throttled down to minimum.

Plant will be maintained in a good working order so that extraneous noise from mechanical vibration, creaking and squeaking is reduced to a minimum.

Noisy plant or equipment will be situated as far as possible from noise sensitive areas.

Barriers to reduce noise reaching sensitive areas will be employed where practicable.

Generally, noise from plant and machinery shall not cause the BS 4142:1997 noise rating to be greater than 3 at any residential premises or public area. For certain operations, this limit may be exceeded for short periods.

Care will be taken when loading and unloading vehicles or moving materials to reduce impact noise. Neither any part of the works nor any maintenance of plant shall be carried out in such a manner as to cause unnecessary noise or vibration.

Noise and Vibration: Key Points

Harvey Construction shall consider the noise and vibration effects in the following ways:

- Include noise and vibration considerations in method statements for construction activities
- Address operational noise and vibration issues in design risk assessments

The following measures for management and mitigation of noise will be implemented:

- Selection of silenced plant and equipment
- Ensuring plant is well maintained
- Agreed haulage routes to and from site
- Compliance with agreed hours of works

Measures relevant for Demolition, Construction and Trackout Site management:

- Develop and implement a stakeholder communications plan that includes community engagement before work commences on site;
- Display the name and contact details of person(s) accountable for air quality pollutant emissions and dust issues on the site boundary;
- Record and respond to all dust and air quality pollutant emissions complaints;
- Make the complaints log available to Broxbourne Borough Council when requested;
- Record any exceptional incidents that cause dust and air quality pollutant emissions, either on or off the site, and the action taken to resolve the situation is recorded in the logbook.

Preparing and maintaining the site:

- Plan site layout: machinery and dust causing activities should be located away from receptors.
- Damp down during the demolition process.
- Hoarding 2.4m high will be erected around the site where required.
- Fully enclose site or specific operations where there is a high potential for dust production and the site is active for an extensive period.

- Avoid site runoff of water or mud.
- Keep site fencing, barriers and scaffolding clean using wet methods.
- Remove materials from site as soon as possible.
- Spill kits will be held and maintained on site to deal with any spill.

Operating vehicle/machinery and sustainable travel:

- 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 possible.
- Implement a Travel Plan that supports and encourages sustainable travel.
- Vehicles loading/unloading will be told to turn off engines when parked up.

Operations

- Only use cutting, grinding or sawing equipment fitted or in conjunction with suitable dust suppression techniques such as water sprays or local extraction;
- Ensure an adequate water supply is available on site for effective dust/particulate matter mitigation (using recycled water where possible);
- Use covered skips;
- 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.
- Avoid sweeping, replace with vacuums.
- Site monitoring will be carried out regularly throughout the project.

Waste management

- Reuse and recycle waste to reduce dust from waste materials; and
- Avoid bonfires and burning of waste materials.