

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

LAND EAST OF 8 SPROATLEY ROAD, PRESTON EAST RIDING OF YORKSHIRE, HU12 8TT

PRES-B

Introduction

This document has been prepared in order to discharge the planning condition 23 appending to planning permission 19/00416/OUT associated with the development East of 8 Sproatley Road, Preston, East Yorkshire.

The Purpose of the CEMP as described in the British Standards 5228:2009 refers to the need for the protection against noise and vibration of persons living and working in the vicinity of, and those working on, construction and open sites. It recommends procedures for noise and vibration control in respect of construction operations and aims to assist architects, contractors and site operatives, designers, developers, engineers, local authority environmental health officers and planners.

1. Site Location - PRES-B



Client
Ward Homes Yorkshire
Project Description
Sproatley Road
Preston
East Yorkshire

2. Site Management

Contact details for the site management team will be made available at the entrance to the site compound.

During working hours the site team will be contactable directly by land line telephone. Out of hours a phone divert from the Company's HQ will be in operation via 0964 534560.

Email addresses will be available once the site compound is created and dedicated telephone lines connected.

3. Restriction of Vehicular Traffic

Regular site deliveries pose no threat to the condition of the proposed access road to the site.

Oversized loads will be infrequent. However, in the event that an oversized load is required an on-site survey will be conducted and a plan made to assess the best means of delivery.

This will consider:

- Width of access road
- Condition of access road
- Possible pinch points
- Traffic flow
- Traffic volume
- Traffic peak flows
- Duration of delivery

A comprehensive review of access to ensure that site material can be delivered and be dropped off without damaging the existing infrastructure will be undertaken prior to commencement of construction works on site. If in the unlikely event that damage occurs to the roadway, reinstatement work will take place in accordance with the requirements of the Highway Authority.

All loads delivered to site will be within the loading capacity of the roads.

All deliveries, loading and unloading of vehicles, and all other servicing carried out in connection with the permitted development will be carried out in normal working hours, namely Mondays to Fridays 7:00am to 6:00pm and Saturdays 8:00am to 1:00pm.

No deliveries will be made on a Sunday or a Bank Holiday.

All site traffic will be directed to the construction access by the use of directional signage.

Suppliers and subcontractors will be notified in advance of the desired location for delivery. Direction and access point maps with site delivery rules will be sent to those preferred suppliers.

Any security gates on site will open inward and will not impede on the public footway or highway.

4. Waste Management Plan

The developer will establish and implement a waste management plan and implement it.

It is planned that site waste will be reduced through segregation and recycling.

Due to site restrictions all waste material will be placed in skips on site and sorted at an off-site recycling facility.

Sub-contractors on site will be provided with refuse bins and will be encouraged to sign up to the waste management ethos.

The consolidated waste will be collected from the site by a licensed waste carrier.

Any hazardous waste that is removed from site will be monitored to record compliance with the Site Waste Management Plan.

5. Public footways/Highways

Where works are to be undertaken outside the boundary of the site measures will be put in place to ensure the public footways remain open or are subject to clear and safe diversions.

No property will be occupied until a clear and safe access has been provided from the home to the site boundary.

6. Welfare

The developer will procure a central welfare area which shall provide sanitary convenience for workers.

There will be a canteen to cater for workers.

The maintenance of the facilities will be kept at a reasonable standard and workers will be encouraged to assist in the ongoing maintenance and cleanliness of all the facilities.

7. Logistics

Vehicle movements will be controlled by the site construction team who shall inform the construction traffic about access to and from the site.

All vehicles will be parked, as far as is practically possible, in a dedicated holding area marked on site.

8. Controlling Sediment Runoff

From the onset of works all contractors will be required to use all possible means to ensure that the least amount of debris is carried onto the external carriageway, as far as is practically possible.

On site wheel wash equipment will be provided by the entrance to the site. This will help minimise debris taken onto site.

9. Site Hours

The developer proposes the following site hours which it will, as far as practically possible, adhere to:

Monday to Friday 7:30am to 6:30pm

Saturday 8:00am to 1:00pm (no Sundays or Public Holidays)

10. Site Access During Works Period

The entrance to the construction site will be via the newly formed access off Townend Road.

Operatives will be given a site induction before commencing work on site.

Site notice boards will be displayed at the site entrance with the site rules and all necessary site information.

11. Noise and Vibration

The developer will adhere to the key legislation on noise and vibration as detailed in the:

- Control of Pollution Act 1974
- Environmental Protection Act 1990 (ss79 – 82)
- BS 5228: 2009, Code of Practice on Construction and Open Sites

Site operations will be controlled, as far as is practically possible, so that plant and machinery noise emissions shall be operated at noise levels that do not cause noise nuisance to the very nearest residential properties.

In accordance with the regulations stated site management will assess the noise levels once a day (non- instrumental) or whenever it is considered to be necessary along neighbouring boundaries, paying particular attention to site plots 7, 8 & 9 and take whatever measures are deemed necessary to reduce noise levels to an acceptable level.

A variety of measures will be used to effect the reduction of noise transmitted from the site, this may include:

- Co-ordinating delivery times to help ensure efficient traffic management to help prevent traffic queues
- Ensuring plant is in good working order and has sound reduction measures, if possible
- Utilising construction techniques that help minimise the production of noise
- Adhering to working times
- Positioning plant away from existing properties
- Using the throttle of machines responsibly
- Utilising the benefits of off- site pre-fabrication
- Utilising mains electricity to reduce the use of generates wherever possible

Noisy operations through the day will be risk assessed and noise levels over 80db will require measures to protect operators working in the area and others. Suitable PPE equipment will be made available such as ear defenders and ear plugs. Levels over 85db will require assessment and hearing protection will be mandatory.

There will be no night time work therefore noise should not be applicable.

Day time predicted noise levels located in the sensitive areas of the development at peak times are expected to be no higher than 85db. The loudest construction equipment to be used on site are listed below:

- Compactor/wacker plate at 80db
- Concrete mixer at 82db
- Generators @ 80db
- Loader at 83db
- Roller at 72db

Equipment levels are not, therefore, anticipated to exceed the stated 85db range and the appropriate PPE precautions will be made available for use for all employees.

12. Air Quality and Dust Management

The developer will adhere to the key legislation on noise and vibration as detailed within:

- BRE (2003a); Guidance on the Control of Dust from Construction and Demolition Activities
- BRE (2203a): Controlling Particles, Vapours and Noise Pollution from Construction Sites

Care will be taken not to cause the primary environmental nuisances of noise and dust pollution as far as is practically possible. Listed below are some of the actions that will be carried out to help abate these problems:

- Ensure that, where practically possible, all materials being transported to and from site are within containers or are sheeted and strapped down if those materials pose a threat to the Management Plan
- Ensure stockpiles of topsoil and not mounded above hoarding height and are kept damp in extreme windy/dry conditions
- During dry periods damp down the works to help assist in controlling the generation of dust
- Ensure lightweight materials are adequately weighted down
- Ensure vehicles leaving the site have been checked for excessive spoiling and that loads are within loading tolerance especially where spoil is being removed off site.
- Provide road cleaning using road sweepers or brushes to control dust and spoil.
- Keep the loading drop heights of spoil into a truck as low as practically possible
- Be effective in dealing with complaints from third parties to ensure issues are dealt with efficiently and quickly
- Ensure any chemicals or contaminants are stored safely on site and deal with any spills accordingly
- Use mains power when available to restrict the use of generators
- Use the waste management system to help minimise dust and debris
- The burning of rubbish will be strictly prohibited on site
- Plan to construct roadways and private drives so vehicles can run on hardstanding
- Keep these road and drives clean and suppress dust in dry periods
- Slow vehicular movements down to prevent dust bowls in dry conditions and excessive spoil smattering in wet conditions

13. Emergency Service Routes

Emergency access for services will be via the estate road and private driveways.

14. Police Requirements

No specific Police role is envisioned unless an abnormal load is required to site.

15. Site Security

The developer operates a robust Health & Safety Plan which incorporates the need to secure the site during and after construction works ensuring all plant and equipment are stored safely and securely.

Access to scaffolds and any excavation works are strictly controlled and materials are stored in such a manner as to prevent accidents if trespass on to the site occurs.

16. Liaison and Good Neighbour Policy

Local neighbours will be able to liaise with a senior manager within the Company. Our site Manager will be the main contact point and he/she will have ultimate responsibility on site and the necessary authority to direct operations.

Information can be made available to neighbours and before works commence on site, or before any major construction work, immediate neighbours will be informed in writing of the commencement or nature of the works.

17. Protection of Third Parties

Wherever possible all site activities will remain within the site boundary and a traffic management plan will be implemented to ensure disruption to traffic and pedestrians are kept to a minimum.

18. On Site Storage

Deliveries made when materials are just required will minimise on site storage requirements.

Any controlled substances will be stored in accordance with the Health & Safety Plan, Risk assessments and Method Statements kept on site.

19. Cranes and Hoists

The majority of unloading and distribution work will be done by a modern tele-handler.

If it is deemed necessary to utilise a crane then a machine suitable for the size of the handling job will be procured.

There is no requirement for a crane to encroach on the public highway or footway.

20. Induction and Site Rules

Every worker who enters the site will receive a site induction and a briefing on site rules.

Inductions will provide an introduction to the project, a briefing of the project risks and a review of the individual's competency.

Site access will only be permitted following the site induction and the Site Managers acceptance of the individual's abilities.

Induction and toolbox talks with cover, amongst other things:

- PPE and safety issues
- Good and bad practice
- Welfare facilities and use/care of
- Security issue
- Emergency procedures
- Behaviour and site and nearby
- Smoking policy
- Drugs and alcohol

21. Health & Safety

The developer treats Health & Safety as a high priority and has developed a successful programme of initiatives and rules in order to help maintain and improve the awareness and performance of all those involved in the project.

This ethos is actively encouraged by the Management and is shared with the workforce on site.

The developer provides and encourages the use of PPE at all times on the site and has a strict policy on the wearing of hard hats, hi-viz clothing and suitable footwear as well as clothing that is appropriate for all weather conditions.

Anyone visiting the site will have the benefit of a site induction and a ready supply of PPE to wear.

22. First Aid

There are sufficient First Aiders on site as well as the Site Manager to ensure cover is always available.

23. Construction Activities

The construction of the development will be carried out in accordance with detailed method statements and risk assessments completed and approved by the site management and in accordance with the Management Plan.

These registers are kept up to date, annual inspected and annually audited by an outside source. The Directors of the Company full support, both in assisting in monitoring and improving the Company Policy of 'no accidents on site' and financially, the Management in all aspects of Health & Safety and regularly inspect and report on all site activities.