



Land South of Maddoxford Lane
Botley

Construction Environment Management Plan

November 2022



FOREMAN
HOMES

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Appendix 1 – Site Set Up Plan

1.0 SITE SET UP

An extract of the site set up plan is shown below, with the full plan being available at **Appendix 1**.

The plan shows the location of the site compound(s) and offices, loading bays, pedestrian routes and wheel washing etc.

Parking will be provided on site to prevent site operatives and visitors from parking upon the public highway. Foreman Homes will ensure that contractors are informed of the parking arrangements and the Site Manager will monitor these parking restrictions.

The compound will be surrounded with close boarded fencing and gates for protection and security.

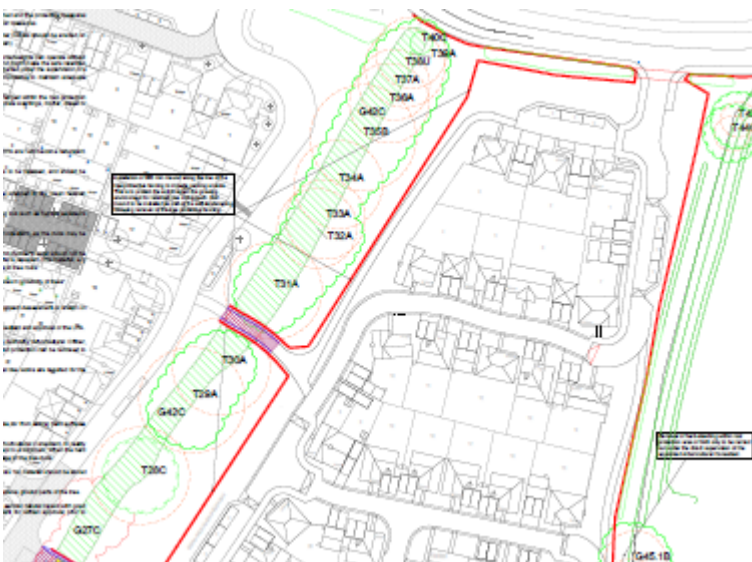


Environmentally Sensitive Areas

The reptile receptor area, trees and stream on the Western boundary of the site are considered environmentally sensitive. As such, the areas along that entire boundary, will be afforded protection from construction activities by heras fencing. The blue line below denotes the fencing around the reptile receptor area (hatched orange):



The heras fencing will then follow the red line, as can be see below, to protect the trees and stream:



2.0 CONSTRUCTION TRAFFIC ROUTE

This development is the second phase of residential units to be constructed over two parcels of land. Construction is well under way on phase 1, with access already in place from Maddoxford Lane. As such, the construction access to phase 2 will be through phase 1, until such times as the new, permitted access is created on to Maddoxford Lane. Plans showing construction traffic routing to the site is detailed below. As with Phase 1, deliveries and construction traffic will be instructed to approach the site from the B3354 Botley Road (Winchester Rod) only, turning on to Maddoxford Lane, then in to the phase 1 site on the right hand side. Construction traffic will not be permitted to use Oatlands Road or Crows Nest Lane and directional/no entry signs will be displayed accordingly, throughout the construction period.





3.0 DUST, EMISSIONS, NOISE & VIBRATION

All works will be carried out using Best Practicable Means of noise, vibration, and dust control according to the Control of Pollution Act 1974. At the request of Eastleigh Borough Council following a complaint about noise, vibration or dust impact, the developer shall investigate and implement effective remedy within 24 hours from Eastleigh Borough Council's request. If the remedial remedy is not effective or complaint about disturbance or harm persists works on the site shall cease until an alternative method of working or construction has been implemented in accordance with details that have first been submitted to and approved in writing by Eastleigh Borough Council. Development shall thereafter be carried out in accordance with the approved alternative method of working or construction.



To ensure we carry out best endeavours regarding dust and emission control we have used the 2014 'Control of Dust and Emissions During Construction and Demolition - Supplementary Planning Guidance' published by the Greater London Authority as the control document for this plan. It is our intention for all on-site contractors to follow best practicable means at all times to minimise dust and emissions.

Construction Dust Method Statement

During periods of dry weather all surfaces capable of producing dust shall be dampened to minimise the spread of dust. All machinery, hand or otherwise capable of producing dust shall be fitted with adequate collection bags or fitted with a hose attachment to collect or dampen the dust produced.

Any activity likely to produce an excessive level of dust shall only take place after carrying out the necessary risk assessment and implementing any precautions to control and prevent dust from spreading.

Pre-Site Preparation

This site is located to the South of Maddoxford Lane and to the east of a residential development (phase 1) currently underway by Foreman Homes. As mentioned above, construction related vehicles will access the site through phase 1 until such times as the new entrance on to Maddoxford Lane is formed.

Beyond the Eastern Boundary, is a field and across Maddoxford lane, is a residential development currently under construction by Bovis Homes.

On-Site Protection

The site compound, fuel storage and dust generating activities will be set away from residential boundaries and solid hoarding will be erected where required. Effective barriers need to be erected around dust generating activities and suitable dust suppression must be used at all times.

Haul Routes

During the first phase of construction the main drainage and roads to base course will be installed. These roads will be regularly damped down and swept with a road sweeper. Roads outside the site will also be

subject to regular mechanical road sweeping. All vehicles carrying dusty materials will be securely covered before entering or leaving the site, to prevent dust spilling on the road.

Site Entrance and Exit

The entrance and exit, as mentioned above, is off Maddoxford Lane, via Phase 1. The prevention of mud and dust outside the boundary to the site must be kept to a minimum at all times, to protect the local residents.

Dust measures have been addressed above. Vehicles exiting the site will be subject to appropriate and effective wheel washing on site away from the exit, which will comprise of a manned pressure wash facility. Vehicles will be checked before exiting the site, to ensure the wheels are free from mud. Sweepers will be keeping the access road and Maddoxford Lane as free from mud as possible throughout the length of the construction project, and the cleanliness of the road will be monitored regularly, to ensure public highways and site roads are kept clean. Mobilisation of Imported or exported fill vehicles shall be limited to trafficking hard surfaces where possible, to minimise contamination.

Stockpiles and Storage Mounds

Long term stockpiles will try to be avoided on site, however, if the need arises, topsoil will be sited away from sensitive receptors and will be seeded. Where hardcore or similar material is stockpiled, these again will be sited away from sensitive receptors and will be used effectively for site works to avoid unnecessary vehicle movements to and from site. The location of these can be seen on the Site Set Up Plan attached to this document.

Noise and Vibration Generating Plant

The following list provides examples of key activities which have the potential to generate noise and vibration during the construction period:

- Ground Excavation and Earthworks including piling
- Loading Lorries
- Distribution of material – haulage and dumping load
- Rolling and compaction
- Ground investigation drilling

- Mixing and pumping concrete
- Trenching
- Moving equipment
- Diesel generators providing on-site power
- Sweeping and dust separation
- Spreading chippings / fill

The Principal Contractor will be required to comply with recognised industry standards, including BS5228 (A1 2014) – The Code of Practice for Noise and Vibration Control on Construction and Open Sites) in order to reduce noise and vibration pollution.

The Principal Contractor must consider introducing noise control measures as part of their standard site set up, for example, hoarding installation, noise screens surrounding cutting equipment and considering the positioning of noisier plant to ensure that, where possible, noisy works are further away from sensitive receptors.

In addition, the following controls will be implemented:

- Regular checks will be undertaken to ensure that the plant is in good working order and not running at a noisier than expected level.
- All workers on site will be made aware of the need to keep noise and disruption to a minimum from plant, radios, and vehicles.
- Site managers will ensure this is conveyed as part of the initial site induction and is maintained with good site management. Regular toolbox talks will also be required to reinforce the message.
- All vehicles waiting to deliver or delivering to the site will wait in a suitable location and have their engines switched off.
- A complaints procedure is in place for any health, safety or environmental concerns

Piling

Piling will be needed to facilitate this development and Continuous Flight Auger (CFA) piling methods will likely be used. CFA piling is virtually vibration free and benefits from low noise levels, thereby reducing disturbance to sensitive receptors.

Skips

The use of skips will be for segregated waste and will be covered where there is a risk of dust movement. Skips will only be stored on hard surfaces and drop heights into skips will be kept to a minimum. Polythene lined skips must be used for wash out of concrete delivery lorries.

Fuel and Chemical Storage/Use

Any fuel or chemicals needed for construction purposes will be delivered to site by licenced carriers only and will be stored in compliance with COSHH data sheets and Foreman Homes' own Health & Safety procedures. Spillage kits will be stored in the same location, for immediate use should the need arise.

The site manager will ensure that authorised personnel only, will be permitted to fill plant etc with fuel and use any chemicals. The site manager will also carry out daily checks on the storage tank and associated equipment to ensure safe use.

Dealing with Spillages

The following procedures must be followed on site:

- Use bunded areas where practical
- Regularly inspect areas for spillages
- Have spillage kits available on site
- Clean spillages using agreed wet handling measures
- Vacuum or sweep regularly to prevent a build-up of fine waste dust material, which is spilled on the site and designated as waste that is no longer fit for use. This will be dealt with in accordance with the Waste Management Licensing Regulations (WMLR) 1994
- Inform the Environment Agency and Fire service if harmful substances are spilt.

4.0 DEMOLITION

An existing, inhabitable dwelling and a number of farm buildings will need to be demolished to facilitate the development. Demolition will only take place in accordance with a works methodology, produced by the qualified demolition contractor and in accordance with BS5228 (Code of Practice for noise and vibration control on construction and open sites).

5.0 BURNING ON SITE

There shall not be permitted, the burning of any materials on site during any phase of the development.

6.0 HOURS OF WORK AND DELIVERIES

No construction work or deliveries shall take place during the construction period except between the hours of 8:00am to 6:00pm Mondays to Fridays and 9:00am to 1:00pm on Saturdays and not at all on Sundays or Bank Holidays.

7.0 SITE HOARDING AND DECORATIVE DISPLAYS

It is proposed to erect 1.8m solid, decorative hoarding, similar to that shown below, along the Northern boundary of the site, facing Maddoxford Lane.



8.0 USE OF CRANES

It is not proposed to use a static crane on site, although the lifting of roof trusses may require a mobile crane.