



Land adjoining Pinewood Park
Southampton

Construction Management Plan

Rev D - March 2024

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Appendix 1 – Recommended Environmental Protection Measures by Arch Associates

1.0 SITE SET UP, TREE PROTECTION & SITE CLEARANCE

The proposed site set up is shown below.

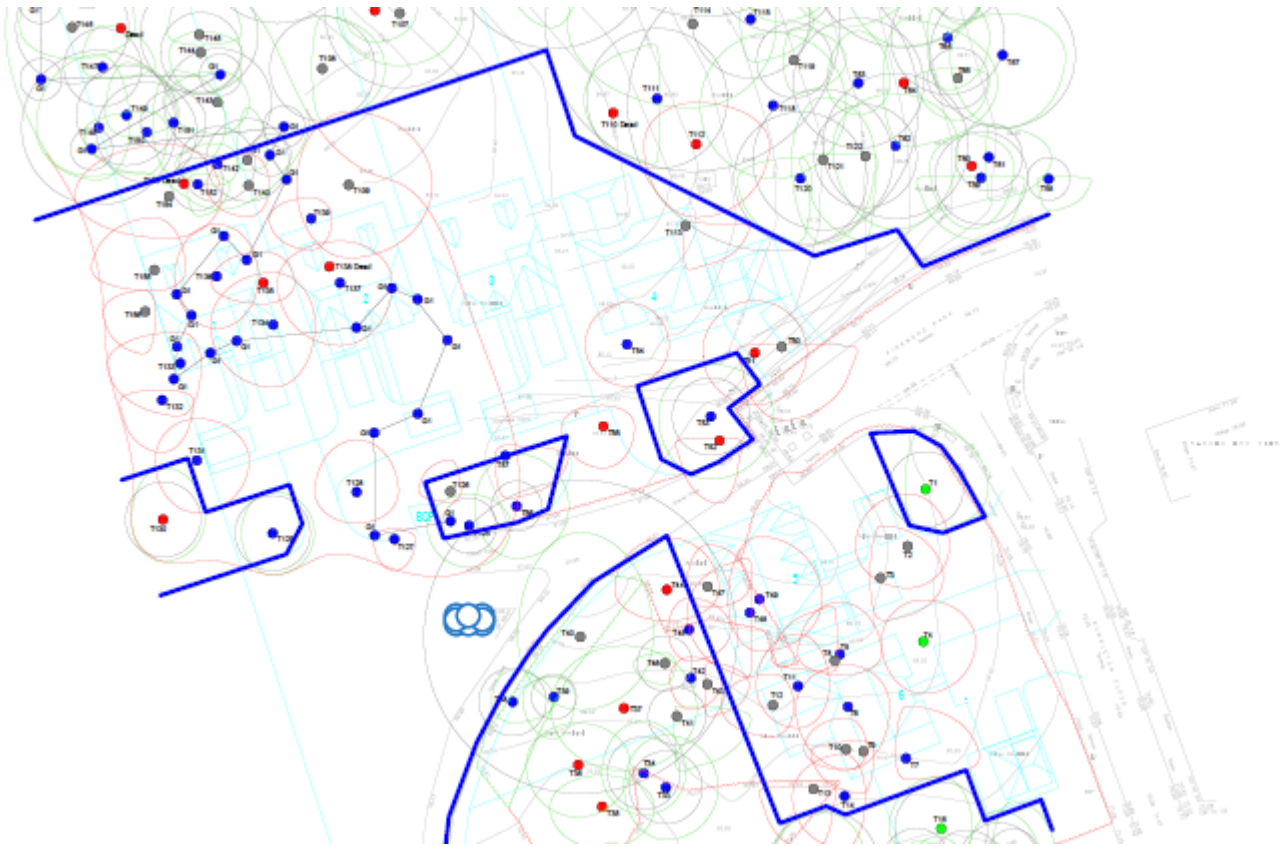
The site office, material storage, waste storage, parking, loading and unloading plant and deliveries will be sited in the red hatched area. Heras fencing will be placed along the blue lines to secure the two parcels of development site whilst keeping the existing access/track open at all times. Solid hoarding will be provided along the yellow line close to the existing properties. All storage and parking will be outside of the root protection areas of trees. Pedestrian walkways will be provided with steel barriers and crossing points, the routes are shown in green and will be adapted to suit the various stages of construction.



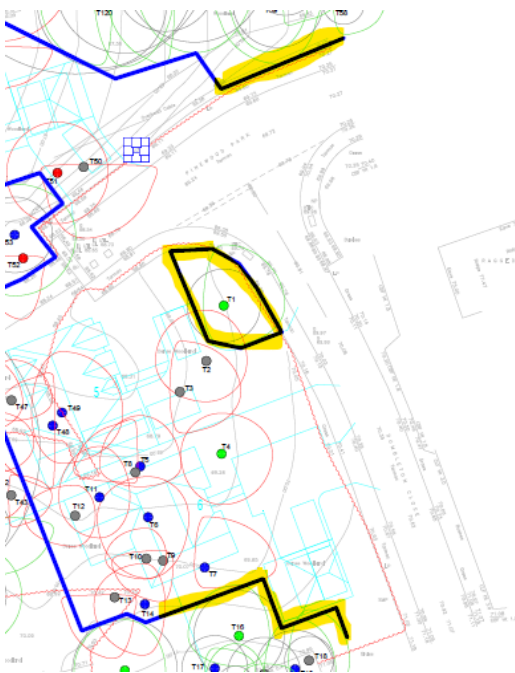
A number of trees will need to be removed to facilitate the development. The remaining trees will be afforded protection by heras fencing, in accordance with the approved tree protection plan contained within the Arboricultural Method statement by MJC Tree Services. Any work within the woodland area/RPZ will be carried out in compliance with a method that is first to be agreed with the Council's tree officer and appointed arboriculturist as well as the Council's ecology officer and appointed ecologist. Any vegetation clearance and construction activities will only take place during the correct time and with the appropriate exclusion measures

in place. All works will be done so under the guidance and supervision of an appointed ecologist who will liaise with the LPA during construction.

Below is an extract of the tree protection plan.



Given the time restraints on the planning permission, it is intended to carry out a small section of work, to implement the planning approval. As such, **these** sections of tree protection will first be installed:



After which, a section of plot 6's garage foundations will be installed:



Following implementation of the planning permission, and before any further works are carried out, the remaining tree protection will be installed as above.

2.0 CONSTRUCTION TRAFFIC ROUTE

The site is to be accessed from Pinewood Park, which is a road directly serving about 8 properties and leads to Dumbleton Close (a small cul-de-sac of properties) and a track which splits and leads to a dwelling and a large sub-station. Construction traffic will be directed along the A27 (Kanes Hill) and then on to Pinewood Park.



3.0 DUST, NOISE & VIBRATION

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.

On-Site Protection

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

Haul Routes

The site has an existing access on to Pinewood Park, which will be kept free of mud throughout the construction period. A pressure wash facility will be made available to ensure vehicles leaving the site are free from mud, this will be a portable facility and deployed to each location to ensure mud is removed prior to vehicles leaving the site. All vehicles carrying dusty materials will be securely covered before entering or leaving the site, to prevent dust spilling on the road. Should on site wheel wash facilities fail, and mud/debris be transferred from the site onto the highway, a mechanical road sweeper will be deployed to clean the highway as soon as possible, to ensure highway safety is not compromised.

Noise Generating Machinery/Vehicles and Plant - Cutting, Grinding and Sawing

- Noise generating operations will only be carried out with suitable noise and water suppressed power tools.
- Signs should be placed around the site reminding workers that the area is sensitive to noise and to try and keep disturbance to a minimum

- Drop heights into skips should be kept to a minimum.
- No works will be undertaken outside the hours specified in Section 6, except in cases of emergency where safety is an issue, or where conditions of dispensation apply;
- Regular integrity checks of noise mitigation measures fitted to items of plant. Such measures are likely to include silencers and engine covers. Where repair or replacement is required, the plant will, where possible, be taken out of use until repair or replacement of parts has been undertaken;
- Ensure engines are turned off when possible;
- Erection of acoustic enclosures around any particularly noisy operations or equipment;
- Substitution: Where reasonably practicable, plant and or methods of work likely to cause significant levels of vibration at the receptors identified, will be replaced by less intrusive plant/methods of working;
- Vibration Isolation of plant at source: This may prove a viable option where the plant is stationary (e.g. a compressor, generator) and located close to a receptor;
- All plant and equipment to be used for the works will be properly maintained with particular emphasis on lubrication of bearings and the integrity of silencers; where appropriate, and operated to prevent excessive noise and switched off when not in use and where practicable;
- Hydraulic construction will be used in preference to percussive techniques where practical;
- Loading and unloading of vehicles, dismantling of equipment such as scaffolding or moving equipment or materials around the site will be conducted in such a manner as to minimise noise generation; and
- Noise complaints, or exceedances of action levels will be reported to the Contractor and immediately investigated.

Construction Vibration

It is possible to employ a number of physical and operational measures in order to reduce the potential effects resulting from construction generated vibration. These may include:

- Adoption of low vibration working methods. Consideration should be given to use of the most suitable plant;
- Where processes could potentially give rise to significant levels of vibration, on-site vibration levels should be monitored regularly by a suitably qualified person;
- Where piling is to take place, any obstructions should first be removed;
- The provision of cut-off trenches in order to interrupt the direct transmission path of vibrations;
- Reduction of energy input per blow (applicable to piling); and

- Application of piling techniques aimed at reducing resistance to penetration e.g. pre-boring for driven piles and adding water to the hole for impact bored piles.

Any activity that is likely to produce an excessive level of vibration, shall only take place after carrying out the necessary risk assessment and implementing any precautions to control and prevent unacceptable vibration levels.

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.

Waste

Waste collection times will be within the hours of 0900 to 1700 Mondays to Fridays or 0900 to 1300 on Saturdays and not at all on Sundays or Public Holidays

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.

Temporary Lighting

It is not envisaged that any temporary, external lighting will be used on site during the construction period. If, at any time during construction of the development, external lighting is required, details of such will be shared with the Local Planning Authority for approval, prior to their use.

4.0 DEMOLITION

No demolition is needed on this site to facilitate the development.

5.0 CONSTRUCTION SURFACE WATER RUN-OFF

A 'Recommended Environmental Protection Measures' document has been produced by Arch Associates to outline the measures needed in order to protect the water feature located to the West of the site during construction. The document can be found at **Appendix 1**.

6.0 BURNING ON SITE

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

7.0 HOURS OF WORK AND DELIVERIES

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

No deliveries shall take place except between the hours of 9:00am to 5:00pm Mondays to Fridays, 9:00am to 1:00pm on Saturdays and not at all on Sundays or Bank Holidays

8.0 SITE HOARDING

Any points of access to the site will be secured with heras fencing and gates.

9.0 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.

10.0 COMPLAINTS

When a complaint about nuisance or adverse impacts to amenity is received, then this will be appropriately investigated; and a commitment to remedial actions, if determined to be necessary, being in place promptly. Good site records shall be kept of complaints received, and remedial actions implemented in respect of these. These records shall be made available to Council upon reasonable request.