



Land to the South of Netley Hill Farm
St Johns Road
Hedge End

Construction Method Statement

March 2023

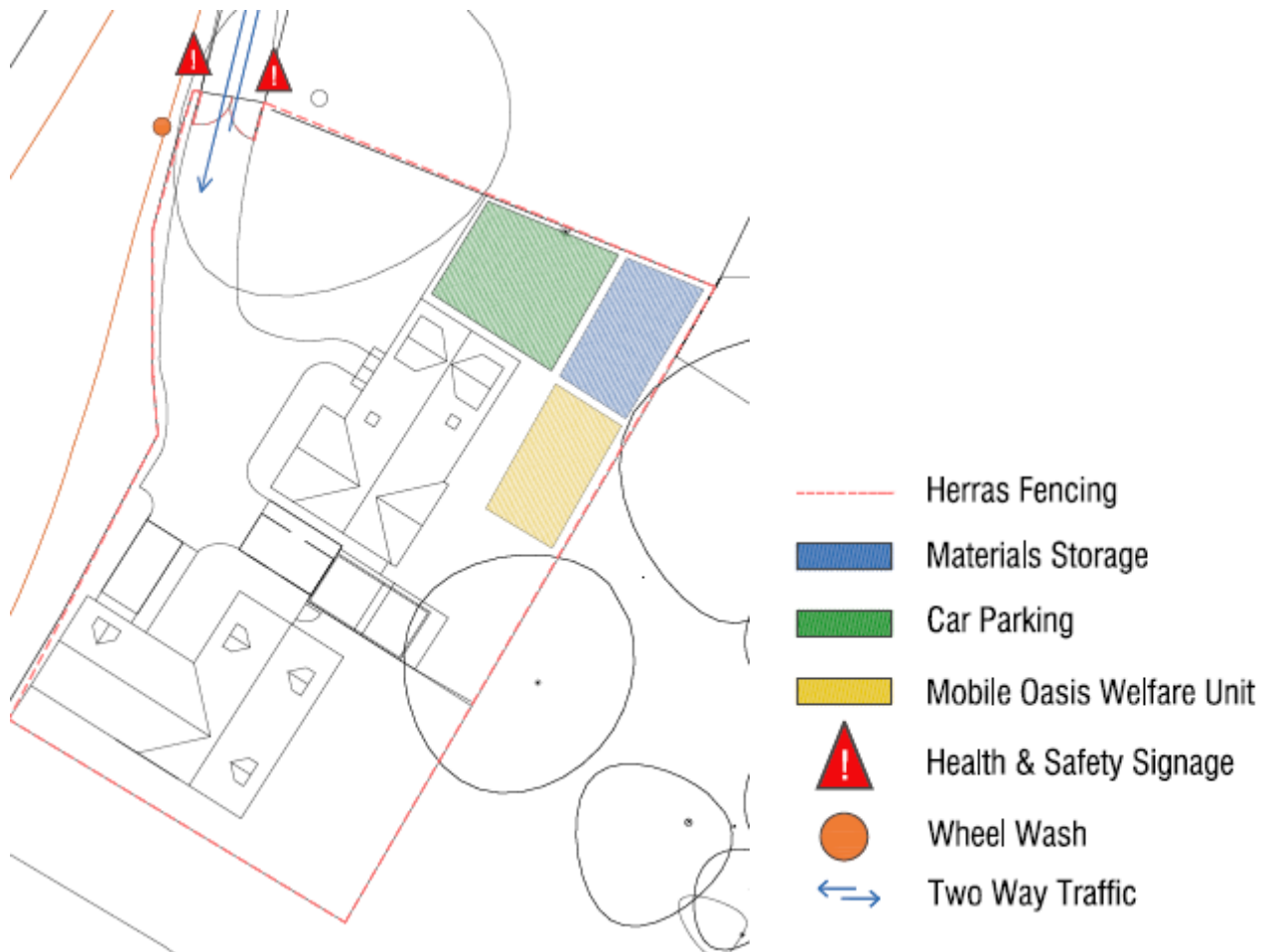
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1.0 SITE SET UP

The site set up plan is shown below.

The plan shows the areas for parking and material storage, site office and welfare. All storage and parking will be outside of the root protection areas of trees.



2.0 CONSTRUCTION TRAFFIC ROUTE

There is an existing access to the site, shared with Netley Hill Farm, that is to be used for the construction of the new dwelling. Vehicles will be directed to approach the site, from the Southern end of St Johns Road, which will allow larger delivery vehicles to reverse down the track, on to site and enable them to leave in a forward gear. A banksman will be made available to oversee such manoeuvres, to ensure highway safety is not compromised.



3.0 DUST, NOISE & VIBRATION, NEIGHBOURHOOD LIAISON AND COMPLAINTS

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 St Johns Road, 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 and 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.

Neighbourhood Liaison and Complaints

Prior to construction commencing and prior to any extraordinary deliveries/activities or inconveniences with the potential to cause disruption during development, notification will be issued to all neighbouring properties (as soon as reasonably practicable) informing them of the intended date and type of activity, together with contact details of the building contractor.

If complaints are received in terms of elevated noise levels;

- The building contractor will investigate the source of the noise and carry out a range of checks at the identified source of the elevated levels, if it is found to be originating from within the site. As part of these checks, the building contractor will consider the need for quantitative noise monitoring;
- All noise monitoring should be completed, with due regard paid towards the methodology prescribed in British Standard 5228+A1 (2014) (BS5228): '*Code of practice for noise and vibration on construction and open sites – Part 1; Noise*';
- The results of any monitoring will determine whether construction activities are causing an unacceptable noise impact at the receptor location;

- The building contractor will then ensure that construction activities are being undertaken in accordance with the manufacturers specifications, to the requirements set out in this Construction Management Plan and ensure that any improvements required to minimise the noise levels are made; and
- The results of any monitoring needed and details of the corrective action taken will be shared with the Local Authority.

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.

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

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

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 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

7.0 SITE HOARDING

This site is set considerably lower than St Johns Road and is well screened on that side, by a dense line of existing vegetation and trees, so hoarding is not required along St Johns Road itself. The remainder of the site is currently bounded by 1.8m high close boarded fencing, being the boundary screening between this site and the neighbouring properties. As such, the site does not require any hoarding.

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.