

Code of Construction Practice

Site –

Westside

Wrotham Road

Meopham, Gravesend

Kent DA13 0HW

Prepared By

J Cassidy

The Site

The site is a detached residential dwelling on Wrotham Road Meopham.
The site will be cleared to provide 1x new build detached house

Objectives

It will be Cassidy Hall Building & Landscaping Ltd's objective throughout the course of this project to minimise, as far as reasonably practicable, any adverse impact of the construction process on the surrounding environment. All appropriate licenses, consents etc will be obtained as necessary for site operations as necessary.

Site Information

Site and Surrounding Area

The development site is set in a semi-rural residential area

Scheme Description

The development comprises one residential dwelling,.

In summary the consented scheme comprises:

- Construction of one residential units
- Vehicular access to the Site is to be provided from Wrotham Road

Working hours

The working hours on the site will be:-

07.30 am to 18.30 pm Monday to Friday

08.00 am to 13.00 pm Saturday

No working Sundays / Bank Holidays

All construction traffic will be coordinated to adhere to these working hours as far as reasonably practicable. This will include heavy construction traffic carrying out deliveries and removal of material from the site.

Good housekeeping

Cassidy Hall Building & Landscaping Ltd will follow a “good housekeeping” policy at all times, which will include the following;-

Ensuring considerate behaviour of all site staff

Open fires are not allowed

Dust control measures will be implemented and will include the keeping clean of roads, especially during the excavation stages when earthworks are being carried out.

A wheel washing facility will be set up near the site entrance for all heavy transport leaving the site.

The site will be kept clean and tidy and rubbish will be removed from the site at regular intervals

All hoardings will be regularly maintained as necessary to ensure the security of the site and the safety of the public

Welfare and toilet facilities provided for the site and visiting staff will be maintained on a regular basis

All food waste will be kept in the appropriate container and removed from site on a regular basis to avoid vermin and pest infestation and nuisance

Security and Public information

The site fencing will be erected to enclose the entire site to provide a safe working environment and prohibit the access by the public as far as practically possible. This will include;-

Erection of new 2.2 high site fencing to the existing boundaries and the installation of access gates. The access gates will be installed to ensure vehicles do not block the highway when accessing the site.

All relevant posters, notices and signs will be displayed on the outside of the hoarding.

The site will be left secure and locked at the end of each working day and all unauthorised entry to the site will be prevented as is reasonably practical. Access gates will be provided to the front of the site within the hoarding and these will be locked when there is no site activity.

Site layout

The location of site offices, welfare accommodation, toilets and skips etc will all be positioned within the site boundary fencing.

Health & Safety

The Construction Phase Health & Safety Plan will be place and approved by the Principle Designer prior to works being allowed to commence on site. All relevant statutory provisions, including the Health and Safety at Work Act 1974, will be adhered to in order to ensure the safety of both the public and the site personnel.

The CPHSP includes the procedures to be carried out in the event of a site emergency.

Site access

Vehicles entering and exiting the site from Wrotham Road will be in a forward direction only. The site is such that all turning of vehicles can be done within the site boundaries, a banksman will be on site to ensure the vehicles are maneuvered safely.

Parking Traffic Management

Vehicles belonging to the site personnel will be parked within the site boundaries throughout the period of the contract. No overnight parking of transport will be allowed.

All goods deliveries will be on a just in time basis where all vehicles will be unloaded and the materials taken to an appropriate storage area.

Vehicles will be kept clean and sheeted when on public highways. Where possible deliveries will be timed to avoid peak hours on the local road network;

Action will be taken to minimise and control any nuisance arising from construction traffic by using measures such as controlling vehicle speed, sweeping roadway clean, and wheel washing where necessary and keeping all site entrances clean.

Traffic Management and Vehicle Cleaning

Site shall contain mains water and brushes, dedicated operatives shall....

Check each vehicle as its about to leave site

If necessary clean vehicle wheels, hose underparts and remove loose mud or materials before vehicles leave.

At the end of each day and when safe to do so, sweep the road adjacent to the entrance clear of mud and debris and hose down if necessary.

If a build up of mud becomes excessive mechanical cleaning shall be used comprising a lorry based roller cleaner.

Deploy signage indicating vehicles are to enter and leave site at low speeds and with caution.

Deploy signage and notify suppliers that deliveries are to be outside of the hours 7.45am – 9.00am and 2.45pm – 4.30pm to avoid school times

Deploy signage to indicate specific delivery area on site.

Dust and Air Pollution

Emissions of dust and pollutants in to the air will be minimised as far as reasonably practicable to avoid creating a nuisance.

Standard dust control procedures will be implemented which will include;-an

Adequate water supply will be available on site

No burning of waste in open fires will be allowed on the site and all materials to be removed from site will be controlled as set out in the SWMP.

As stated previously, a wheel washing facility will be set up to clean vehicle wheels and thus minimise dust emission.

A batching plant will not be used on this site and therefore dry batching will not be required, thus eliminating the dust caused by such.

Sand and ballast will be the most common materials delivered in bulk and will be placed in selected areas on the site dependent on the works at the given time. These will be covered to prevent the emission of dust during excessively windy periods or damped down

The mixing of cement mortar or concrete using material as indicated above together with cement will be controlled by the avoidance of double handling and carrying out operations in close proximity to the working area.

All water runoff from washing and mixing activities will be contained within the site boundary. There are no run offs to courses outside the site

All hard standings will be washed with hoses on a regular basis

Prior to the construction of the drive, un-surfaced routes across the site will be damped down as far as reasonably practicable during dry conditions

All vehicles carrying loose or potentially dusty material to or from the site will be fully sheeted

Materials with the potential to produce dust will be kept away from the site boundary where at all possible

Loaded skips will be sheeted up and enclosed

Regular inspections will be carried out by the site agent to ensure compliance with the control procedures

Measures to limit emissions and therefore avoiding nuisance will include :-

Ensuring all engines of mechanical plant and vehicles are turned off when not required to reduce exhaust emissions and noise.

Using low emission vehicles and plant fitted with catalysts or similar devices if practically possible.

Using ultra low sulphur fuels in plant and vehicles if possible

Use of plant and vehicles that have been regularly maintained and serviced.

Use of electrically operated equipment where possible

In practice, all vehicles used must comply with the MOT emission standards and as such, emissions will be controlled through the MOT process.

Waste and Materials Management and Storage

The transportation of waste to and from the Site will comply with the Duty of Care requirements.

These include ensuring waste is transported by registered carriers, disposal to appropriately licensed sites and maintenance of appropriate waste transfer documentation. The Site Manager will audit waste carriers and disposal facilities and maintain documentary evidence that these requirements are being met, including a register of waste carriers, disposal sites (including transfer stations) and relevant licensing details for each waste stream. Waste contractors who remove waste will be registered with the Environment Agency.

Where possible, excavated materials will be re-used on-site as general or landscaping fill

Plant and equipment will be stored in areas which are less susceptible to possible pollution incidents, or on dedicated areas of hard standing. All static plant shall be placed with drip trays to prevent ground contamination as a result of oil spills and leaks.

Refuelling of plant will be undertaken in designated areas on an impermeable surface and away from any drains or watercourses. A spill kit will be available for use in the event of an accident. Refuelling will always be carried out in a controlled manner with absorbent materials available to clean up any spillages.

Noise and Vibration

The following generic mitigation measures are likely to be adopted:

- Modern, silenced and well maintained plant will be used at all times, conforming to standards set out in the EU Directives;
- Equipment and vehicles to be shut down when not in use;
- Where possible, mains electricity to be used instead of generators
- Cutting operations or other noisy tasks will be minimised through off-site fabrication where practicable.

Artificial Lighting

The following best practice measures will be implemented during the construction works:

- The placement of temporary floodlights and construction compound will be undertaken for each phase
- Lighting will be switched off when not required for construction activities or for security / health and safety;
- The programme of works will take into account the location of sensitive receptors, in particular the residential properties either side of the development, pedestrians and road users, through the careful selection of the compound location, restricting hours of operation and through control and careful direction of lighting used;
- Glare caused by poorly directed security and floodlighting will be minimised by positioning lights to less than 70 degrees and directing lights away from Site boundaries;
- Light spill will be minimised by avoiding poorly sited lights on the Site boundary;