

Construction Method Statement

For

Proposed Construction of New Detached
Dwelling

Site address:

Land to North of 3 Grindleton View,
Chatburn

May 2025

Pre-Construction

The initial works to be carried out will not require the removal of any existing trees or hedges. If any trees or hedges are to be removed these will be carried out outside of the nesting season.

Before any construction work commences on site a site compound area is to be created. This will be created in the garden of 3 Grindleton View. The site compound is to have the existing ground level reduced and cleared of any vegetation. The site is then to have a crusher run hard standing created as shown on the attached construction site plan. This compound will be used throughout the construction of the dwellings and will be used to park contractor's vehicles and for the storage of materials. It is proposed that due to the nature and phasing of the works that there will not be more than 3 contractor vehicles on site at any one time.

It is proposed that all site plant/vehicles will be delivered and removed from site using trailers. No vehicles are to be tracked up from Ribblesdale View. This will mean that no mud will be transferred from the site plant/vehicles or via contractors vehicles onto the road. However, there will also be a dedicated area next to the delivery drop off zone where wheels/tracks can be washed off before being loaded on trailers as shown on the attached construction site plan. There will be some Heras fencing to the compound area to ensure no unauthorised access to materials out of hours. A site cabin, secure storage unit and W.C. facility will also be provided to the compound area.

During Construction

Upon commencement of works on site, construction works will take place on site between 08:00 hrs to 18:00 hrs, Monday to Friday and 08:00 hrs to 18:00 hrs, on Saturday. No construction work will be carried out on Sunday's or Bank Holiday's.

The proposed construction works are expected to last a period of 12 months, dependant on weather conditions.

Deliveries

All deliveries will be via 18 tonne ridged vehicles and will be unloaded onsite. Deliveries will be on a regular basis reducing the need for storage of materials onsite and ensuring delivery vehicles are as small as possible. All deliveries will be timed to ensure they are outside of

peak traffic hours, no deliveries will take place between 8.30 – 9.30am, between 3.00-4.00pm and between 5-6pm.

All vehicles will be directed onsite using a dedicated banksman.

Noise Management

Within the constraints of efficient site working and the requirements of the relevant British Standards, the following noise control measures will be implemented during the construction period:

- The use of any particularly noisy plant, will be limited to normal daytime periods, avoiding anti-social hours such as early in the morning;
- Plant maintenance operations will be undertaken away from the nearest noise and vibration-sensitive properties at all times;
- A site speed limit of 15mph will be implemented;
- Plant not in operation will be shut down, i.e. not left idling;
- Drivers will ensure that lorry tail gates are shut and locked before leaving tipping or drop off areas;
- Site works will be designed to be undertaken with any directional noise emissions pointing away from the nearest noise-sensitive receptors where practical;
- Construction/development activities will be organised so that early development provides screening to the nearby noise-sensitive receptors from subsequent operations wherever possible;
- Works vehicles will be prohibited from waiting or idling on surrounding roads;

Vibration Management

The following best practice methods of work are to be adopted for any vibration generating operations during construction:

Where reasonably practicable, plant and/or methods of work causing significant levels of vibration at sensitive premises should be replaced by other, less intrusive, plant and/or methods of working to reduce the potential effects resulting from construction generated vibration and such measures 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;
- Working hours should be restricted to periods where local residents are less at risk from disturbance, i.e. during the day when local residents are at work;

- Good site practice and appropriate supervision to keep vibration levels to a minimum;
- All plant should be properly maintained, any defective plant should be replaced immediately;
- Good community liaison should be maintained, vibration levels are more tolerable if they are expected.

Dust Management

Activities undertaken during the construction phase of a development have the potential to generate fugitive dust emissions. The site is located close to residential properties and mitigation measures will therefore be needed to reduce dust effects beyond the site boundary. This will be carried out as bellow:

Site Preparation

- Machinery, fuel storage and dust generating equipment will be located away from the site boundary and sensitive receptor locations as far as practicable.
- All site personnel will receive training on health and safety and site housekeeping. Inclusion of these items as part of site induction training should be considered. Additionally, all staff will be aware of reporting procedures and a trained and a responsible Site Manager will be on site during working hours to carry out any necessary inspections. The Site Manager will be available to address any public concern throughout the construction of the development and his details will be clearly displayed on the site.
- Careful consideration should be given to site layout and, where possible, dust generating activities are to be located away from the boundary and sensitive receptor locations. However, it should be noted that due to the nature of construction this will not always be possible.
- All routes within the site are to be scraped, water sprayed and swept clean as necessary. It is necessary to continuously monitor for dust throughout the day. This will be in the form of visual inspections undertaken by the Site Manager. Records of any significant emissions or impacts will be maintained.
- The access to the site is located off Park Road. The number of vehicles entering and leaving the site will be limited as far as possible to reduce dust impacts at these locations.
- Vehicles leaving the site have the potential to transport dust beyond the boundary through trackout. There will be procedures for effective cleaning and inspection of vehicles upon leaving the site. The entrance and exit to the site is to be cleaned as necessary. The wheel wash facility will be provided as shown on the attached plan.

The waste water from the wheel wash is minimised as this wheel wash automatically recirculates the water collected in the sump. This water will be collected on a weekly basis or more regularly if required in the wetter months. The sump will be cleaned out on a regular basis by onsite operatives with the waste sediment being disposed of in the onsite skip. If any large contamination is encountered this will be dealt with by specialist contractors with the correct licences and this will be done as/if needed.

- Vehicles carrying dusty materials are to be securely covered and information about vehicles entering and leaving the site, and their loads, is to be recorded by the Site Manager.
- Vehicles will avoid leaving engines idling and queuing of vehicles entering the site will be controlled.
- All site activities will be undertaken in accordance with an approved Method Statement produced by the relevant contractor. This will consider potential dust emissions where relevant.
- Excavation and earthworks will be undertaken throughout the site in order to prepare the foundations for the relevant plot. Significant earth moving works will not take place on dry or windy days if variations to construction programme are possible. Where applicable, water is to be used as a dust suppressant during excavation and earth moving activities. Any exposed areas will be re-vegetated as the development progresses. Physical screening of soils will be a contained process.
- Stockpiles are to be kept for the shortest possible time and the height minimised. The predominant wind direction will be taken into account when sighting stockpiles to reduce the likelihood of effects upon sensitive receptors. Regular checks for dust will be carried out by the Site Manager to prevent dust build up.
- The use of diesel and petrol powered generators will be minimised by using mains electricity as a power source for site machinery as far as possible.
- Cutting, grinding and sawing activities will not be conducted on site where possible and pre-fabricated material will be imported. If cutting, grinding and sawing on site is necessary, all equipment will have either water suppressants or dust extraction systems installed.
- All machinery for activities such as plastering, sanding and rendering are to be fitted with dust suppression and/or collection equipment.
- Burning of any materials will not be permitted on site. All wastes will be recycled or disposed of in accordance with relevant legislation.

The below table gives a summary of the mitigation measures that will be taken throughout the project.

Issue	Control Measure
Site planning	<ul style="list-style-type: none"> • No bonfires • Plan site layout – machinery and dust causing activities will be located away from sensitive receptors • All site personnel to be fully trained • Trained and responsible manager on site during working times to record activities and carry out site inspections
Construction traffic	<ul style="list-style-type: none"> • Vehicles to avoid leaving engines idling • Effective vehicle cleaning and specific fixed wheel washing on leaving site • All loads entering and leaving site to be covered • Avoid site runoff of water or mud • On-road vehicles to comply to set emission standards • Minimise movement of construction traffic around site • Hard surfacing and effective cleaning of haul routes • A site speed limit of 15 miles per hour to be implemented
Demolition	<ul style="list-style-type: none"> • Use water as dust suppressant • Securely cover skips and minimise drop heights • Cutting equipment to use water as a dust suppressant or local dust extraction, where possible
Earthworks	<ul style="list-style-type: none"> • Minimise dust generating activities • Use water as dust suppressant where applicable • Re-vegetate earthworks and exposed areas
Construction works	<ul style="list-style-type: none"> • On-site cutting, grinding and sawing activities to use water suppressant or appropriate dust extraction systems • Machinery for plastering, sanding or rendering to be fitted with dust suppression/collection equipment