

Old Road

Construction Method Statement

**Proposed Housing
Development
Plot 11 Old Road
Chatburn.**

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Pre – Commencement

A site inspection of the existing highways and surrounding areas to be conducted with the Local Authority Highways engineer and a dilapidation survey taken prior to commencement on site.

We will undertake an existing Utilities survey of the site and surrounding areas and locate any services within our working zones to record the exact locations, depths and to identify the service.

Any required tree protection will be put into place and this will be monitored throughout the project to ensure the protection remains in place.

Site Access and Egress / Surrounding Neighbours

The Construction traffic access and egress points are shown on the site logistics plan.

To the site perimeter, Heras fencing will be erected to keep the site area secure, we also aim to erect the permanent fencing at the earliest possible opportunity and then operate a Site Closed Gate Policy – Any pedestrian crossing will include opening the gates.

Safety signage will be positioned at regular intervals on the perimeter fencing.

Pedestrian access will be off the adjacent land to the rear of the plot as this is controlled by JJ Construction NW Ltd [JJC] and will give safe access/egress route noted on the site logistics plan.

Vehicle deliveries to site will be through the site entrance gates at the top of off Old Road and delivery vehicles will be held within the two gated zone so to avoid blocking Old Road with materials then moved through to the site location as denoted by the site logistics plan and the duration and controls any vehicles entering the site area, this is noted on the logistics plan.

All vehicular and pedestrian routes will be appropriately signposted.

There will be no reversing off site, vehicles will turn around at the site materials storage areas and then exit site onto Old Road.

The first phase of the project will be to form the new entrance and this section of highway giving clean access to commence construction of the foundation, also to prevent mud and debris being transported onto Old Road. The material excavated will be deposited and sealed to level areas of the site to the rear [South] of Plot 11 and used as appropriate infill to avoid the material having to be removed from the area. This will prevent unnecessary vehicle movements and transportation disruption.

A wheel wash facility will be in position before the site exit point at the storage and site office [Top of Old Road] to ensure all site traffic wheels are cleaned before exiting onto Old Road once we have a temporary water connection in place, prior to this we will utilise road sweepers to keep the carriageway clean from any vehicles leaving the site.

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A check at the end of each working day will be carried out to ensure the site access and egress point is clear of debris, signage hasn't been dislodged, fencing is secure and all is in order before we leave.

We will post through the local neighbouring properties or [via email] a letter drop prior to commencement on site with details of the up and coming project and contact numbers.

Site Access Point

The site access point will have:

- Secured access gates with padlock.
- Signage fully complying to Health and Safety legislation and highways recommendations located in prominent positions

External site hoardings will be Heras fencing 2.0m high until the new timber property perimeter fencing is erected to the areas noted on the drawings.

Heras will remain to any areas not designated for timber fencing until the project is completed. All fencing will be regularly inspected and maintained through by the site team.

Contractor Car Parking

Contractor parking will be on site within the car parking area noted on the logistics plan, once we develop the site further there will be available parking to the new home frontage and driveway and at designated points.

For the public footpath demarcation we will be using pedestrian barriers and relevant signage, there will be crossing points designated for any traffic and pedestrians to cross as the project progresses.

Storage, Unloading and Distribution of Materials:

Our supply chain will be clearly instructed to use the agreed traffic routes for all deliveries and the access/egress gate will be used.

Our suppliers will be instructed to avoid any deliveries between the hours from 8.45 – 9.30am and 2.45pm to 3.30pm to ease any congestion for local traffic for the school runs.

All deliveries will be unloaded on site under the supervision of a banksman in the designated material storage areas.

Storage areas for bulk materials have been identified on the site logistics plan.

As the project progresses we will utilise the area to the front of the plot for materials solely for that plot.

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Distribution of materials around the site, and the initial unloading of vehicles will be carried out in the main using a tele-handler forklift truck of the vehicles hiab.

Like many projects an amount of manual handling and distribution will take place, however this will be kept to a minimum where possible by using the neighbouring field under the ownership of JJC.

Site Establishment

The accommodation will allow space for the site management offices and subcontractor welfare ; see appended logistics plan.

All personnel attending the site will report to the site office first and receive an induction regarding the works and expected behaviour on site.

Site working hours will be from:

Monday to Friday – 7.30 am until 5.30 pm

Saturday – 8.00am until 2.00pm (only if required)

Site Security

Throughout the normal working day, security will be maintained by the site management team. CCTV cameras if this is deemed required for the site will be installed and with the appropriate warning signage displayed (ICO Reg No ZA441270)

Site compounds will have safety lighting for security and also for operative's access and egress to the site accommodation and car parking.

Generators maybe used during the initial stages of the contract until we connect to the temporary electric supplies for the development of the home, these generators will be fitted with suppression measures to comply with relevant standards.

Access ladders to scaffolding will be removed at the bottom section at the end of each working day.

All visitors will report and sign in at the main site office, leaving details of name, company, time of visit and vehicle registration and all operatives and visitors will undergo a site induction.

Site Waste Management

- Waste segregation will be implemented and enclosed with divisional fencing to the skips and relevant signage for the different waste streams.
- Specific waste collection area will be designated and the waste segregated into separate skips for wood, paper, hardcore, general waste, etc.
- Waste figures will be recorded using the data collected from site. This is sent into our head office monthly and recorded.

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- Duty of care certificates will be filed on site in the appropriate folders.

Working Adjacent to Underground Services

Prior to any ground works taking place, a full survey of the area will be carried out to ensure we have taken all necessary precautions to minimise the risk of coming into contact with existing underground services.

Such measures will include:

- Consulting existing drawings
- Obtaining drawings/records from the various statutory authorities and we also commission a secondary organisation to also carry out obtaining any records of services within and around our development
- A sweep of the area with CAT and Genny equipment
- Hand trial excavations
- Surface plotting and protection of the service runs

Fuel Storage and re-fuelling

All fuel storage will be contained within a self bunding fuel storage tank within an area of the site away from the major traffic routes.

This fuel tank will be protected from collision using barriers to the full perimeter of the re-fuelling area no closer than 600mm from the fuel tank.

A spill kit will be located within close proximity of the re-fuelling area along with relevant signage.

Fuel deliveries will be fully supervised to ensure the efficient execution of the fuel delivery is carried out and all deliveries will be using approved tank vehicles.

Noise and Dust Pollution including Vibration

The following procedure will be considered and adopted where appropriate in an attempt to minimise noise and dust pollution.

The control of dust arising from the construction works will be controlled in a number of ways depending on the work source causing/providing the dust and the timing/stage at which the construction works are at. Measures for the control of airborne dust particles will be as follows:

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Bulk excavations and loading of vehicles

In damp or wet conditions, little or no action will be required as the material will hold together, virtually eliminating any dust breakout from this operation.

In dry conditions, wetting down of the excavated materials when being excavated or loaded into the tipper wagons will be carried out with large hoses (circa 50mm to 75mm) connected to either mains stand pipes or pumped water bowsers.

Supervision by way of a banksman will be employed during such operations. Vehicles will also be covered when leaving site to control any dust “blow off” from the vehicle whilst the material is being transported to landfill.

Demolition/breaking up where applicable

Dust control in the same manner as bulk excavations by means of wetting down tipping of Bulk Aggregates.

Delivery vehicles will be fully sheeted to eliminate any “blow off” of materials. Dry and dusty materials will be wet down prior and during discharge from the vehicle, supervised by banksman.

Cutting of New Concrete and Masonry Materials/Products

Those operations will be carried out with dust suppression mechanical power tools fitted with wet suppression units or vacuumed dust extraction units.

Identified Operations	Tools
Concrete Cutting	Wet floor saws
	Disc Cutter – wet suppression
	Disc Cutter – vacuum extraction
Masonry Cutting	Wet table saws
	Guillotine block splitters
	Manual hammer and bolster
Paving	Guillotine block splitters
	Disc Cutter – wet suppression
	Disc Cutter – vacuum extraction

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Concrete and Clay Drainage Goods	Disc Cutter – wet suppression
	Disc Cutter – vacuum extraction

Control of Noise

The following procedures will be considered and adopted where appropriate in an attempt to minimise noise pollution on the site.

Use plant fitted with noise suppressors

Minimise the use of noisy plant, with a restriction on operating hours. These operating hours will be from 7:45 am in the morning until 4.45pm at night.

If we encounter any bedrock that requires breaking out we will use the appropriate machinery for this task , the area to be broken out will be surrounded using fencing panels with as fitted acoustic matting to reduce the db levels under the recommended levels. We will also monitor the noise levels created using the appropriate noise meter readings.