

# **CONSTRUCTION METHOD STATEMENT & MANAGEMENT PLAN**

**New Residential Building to form 3 new dwellings: Walcott house, Ralphs lane, Wyberton, PE21 7AX.**

## **1.0 Purpose of this Statement**

This report outlines how this project will be constructed efficiently and under controlled environmental conditions. This method statement describes how I propose to minimise inconvenience to the neighbouring owners.

## **2.0 Site Set-up for Offices and Welfare Facilities**

Welfare facilities and office/storage space will be provided within a dedicated site cabin.

## **3.0 On Site Worker Parking**

The site is large enough to cope with all on site parking needed during construction.

#### **4.0 Construction Vehicle Movements / Deliveries**

Heavy Goods Vehicle (HGV) movements during this phase will have to be monitored closely with detailed traffic management and logistics plans updated and monitored daily.

The management of the site logistics is key to the success of the project and will require a myself to develop a detailed plan to control and manage the site.

There will be storage allowed on-site and it is expected that all deliveries will be booked in with the logistics team not less than 7 days prior to arrival on-site and where possible I will aim to buy in larger deliveries to help minimise the amount of deliveries being made.

All materials delivered to site will be dropped at a designated area and then manhandled and taken up the outside of the building.

#### **5.0 Delivery and working times**

We will adhere to the following key principles:

The working hours on site will be from 08.00 a.m. until 6.00 p.m. – Monday to Friday. Where work needs to occur beyond the agreed “normal” working hours, consultation and agreement will be sought from the local Authorities at least 7 days before such an event.

Delivery times will be further restricted from 09.30 a.m. until 3.00 p.m to avoid peak traffic.

#### **6.0 Delivery Vehicles**

For Delivery vehicles, there will be a delivery rota system, whereby deliveries must be pre-booked at least 24 hours in advance to avoid the areas peak travel hours. Not only should this prevent congestion on site but it will also spread the resultant traffic over a longer period. When a delivery takes place; someone from site will adopt the role as traffic marshal to make sure access and exit of site vehicles is processed in a safe manner. This procedure will be detailed within the contract documentation for both subcontractors and suppliers, to ensure that all delivery drivers are aware of the requirements.

#### **7.0 Wheel washing / Road Cleanliness**

I will be laying hardcore down on the site to minimise the problems caused by mud as much as possible, this should also help to avoid mud being carried out onto the road. If however this doesn't fully mitigate mud being carried out onto the road then wheel washing will be provided as the vehicle leaves site.

The highway itself will be kept free of debris at all times, with routine inspections after every delivery. The adjacent footpath will also remain unobstructed at all times.

#### **8.0 Dust Suppression Measures, Noise Attenuation and Monitoring**

Best practicable means of preventing, reducing and minimising dust will be adopted. It is expected that the Proposed Development will adhere to the relevant Code of Practice during construction. On-site good practice procedures will be followed in order to mitigate noise, vibration and air pollution (e.g. through dust and fume generation) impacts under the Considerate Contractors Scheme. Measures currently planned to be adopted include:

- Water used to dampen dust down when cutting materials such as brick.
- Where there are gaps in the neighbouring boundary I will ensure that these are filled with a fence to help mitigate noise and dust carrying to the neighbouring properties.

- Hydraulic construction to be used in preference to percussive techniques where practical.
- All plant and equipment to be used for the works to be properly maintained, silenced where appropriate, and operated to prevent excessive noise and switched off when not in use and where practicable.
- Plant will be certified to meet relevant current legislation and British Standard 5228 (BS5228) Standards.
- All Trade Contractors to be made familiar with current legislation and the guidance in BS5228 (Parts 1 and 2), which will form a pre-requisite of their appointment;
- Threshold vibration limits will be set and monitoring equipment established at locations outside the site that are deemed sensitive.
- Loading and unloading of vehicles, dismantling of site equipment such as scaffolding or moving equipment or materials around site will be conducted in such a manner as to minimise noise generation. Where practical these will be conducted away from noise sensitive areas.
- Deviation from approved method statements to be permitted only with prior approval from myself and other relevant parties. This will be facilitated by formal review before any deviation is undertaken.
- Noise complaints, or exceeding of action levels, will be reported to myself and immediately investigated.
- Brushing and water spraying of heavily used site hard surfaces and access points as required.
- Wherever possible, plant and equipment will be switched off when not in use.
- Vehicles transporting materials capable of generating dust to and from site to be suitably sheeted on each journey to prevent release of materials and particulate matter.
- Effective wheel/body washing facilities to be provided and used as necessary.
- Burning of wastes or unwanted materials will not be permitted on-site.
- All hazardous materials including chemicals, cleaning agents, solvents and solvent containing products to be properly sealed in containers at the end of each day prior to storage in appropriately protected and bundled storage areas.
- As far as possible, construction works will be carried out using methods that minimise noise. For actions such as breaking out of old foundations, there is little reasonable choice other than to use percussion tools in one form or another. Quieter types of machinery will be specified for these works where possible and this type of work will be carried out at respectable times of the day within standard working hours (08.00-18.00) Monday-Friday.

## **9.0 Site Waste Management Plan**

I am aware of the effects that the disposal of waste can have on the environment and I always aim to reduce wastage in all possible areas. One of the key principles of the approach is to make the operatives more responsible for waste and waste management. Where possible I would be mindful of the environmental factor of materials I order and their packaging. Also a management plan will be developed to organise the segregation of waste into separate containers so that recyclable items such as metals and timber can be recovered. The following practices will be adopted and monitored:

- Implementation of an organised and timely material delivery system for fragile materials to avoid them being stockpiled, which increases the risk of their damage and disposal as waste.
- Attention to material quantity requirements to avoid over ordering and generation of waste materials.
- Segregation of waste at source where practical and re-use and recycling of materials off-site where re-use on-site is not practical (e.g. through use of an off-site waste segregation facility and re-sale for direct re-use or reprocessing).
- Burning of wastes or unwanted materials will not be permitted on-site.
- All hazardous materials including chemicals, cleaning agents, solvents and solvent containing products will be properly sealed in containers at the end of each day prior to storage in appropriately protected and bundled storage areas.

#### **10.0 Public Relations / Complaints Procedures**

I aim to build a good relationship with my neighbours so if they do have any issues I would like to feel they could approach me about them; which would then give me a chance to rectify the issue as quickly as possible to work in as much harmony as possible. I have already introduced myself to both sets of neighbours and I would like to think we have a nice relationship and that is something I aim to continue. They have lived there far longer than what I have owned the property for and I will always be mindful of that when approaching this project to ensure the change that's happening around them is as considerate and polite as possible.

#### **11.0 Site Security**

Heras construction fencing will be erected to the site.

A highly visible 24 hour contact number will be displayed at all times for emergency and general queries.

At night the site compound and site cabin/container will be kept locked. I am very aware that construction sites are a "magnet" for children. So will ensure that the Heras fencing is locked at the site entrance every night and that there is a physical boundary around the whole site. Furthermore, I will provide appropriate measures to mitigate against pollutions and the dangers of removing hazardous substances and materials. All entry points will be clearly signed.

#### **12.0 Materials handling and storage**

All materials will be handled and stored in a manner that protects them from damage, moisture, dirt and intrusion of foreign materials.

Bricks will not be stacked higher than 2 pallets and will be hoisted in pallets.

Aggregates and sand for the mortar mix will also be contained off the ground with a proper base and with kerbs in a clean and dry area to protect from dirt and intrusion of foreign matter.

All passageways will remain clear of obstructions and tripping hazards.