

## Construction Method Statement

Construction of 1 no. Two storey four bedroom dwelling  
At Land adjacent to  
25 Tredegar Road  
Emmer Green  
Reading  
RG4 8QE

29/02/2023

## Content

1. The parking of vehicles of site operatives and visitors
2. Loading and unloading of plant and materials
3. Storage of plant and materials used in constructing the development
4. The erection and maintenance (including removal of any graffiti) of security hoarding including decorative displays and facilities for public viewing
5. Wheel washing facilities
6. Measures to control emission of dust and dirt during construction
7. A scheme for recycling/disposing of waste resulting from demolition and construction works
8. Any footpath closures or road closures needed during construction

## Introduction

This detailed construction method statement has been prepared specifically for the construction of a 1 no. Two storey four bedroom dwelling  
At Land adjacent to 25 Tredegar Road Emmer Green Reading RG4 8QE  
The purpose of this report is to act as a management document to be fully adhered to during construction phase of the development.



**Figure 1 - Site Managment Map**

**1. The parking of vehicles of site operatives and visitors**

Operatives and visitors' vehicles will be parked on site as shown on the map. Maximum number of vehicles that will be at the site at one time is 2.

**2. Loading and unloading of plant and materials**

The area hatched at the map will be designated for the loading and unloading of plant and materials together with the storage of the same throughout the development process.

**3. Storage of plant and materials used in constructing the development**

The area hatched at the map will be designated for the loading and unloading of plant and materials together with the storage of the same throughout the development process.

**4. The erection and maintenance of security hoarding including decorative displays and facilities for public viewing**

The site will be secured utilising existing fence (where appropriate) and additional security fencing (as required) to provide security and protection during construction works. Also, perimeter fencing will be regularly inspected and maintained to present a tidy site and minimise the visual impact. The area shown on the map will be with security hoarding.

**5. Wheel washing facilities**

For wheel washing facilities will be used Hand Jet Wash and Bowser, an independent unit to ensure that no dirt or dust is carried onto the public highway. The jet wash will be located at the entrance of the site and will be cleaned out on a daily basis so as not to become a mud hazard. This unit may also be used in conjunction with a rumble grid to remove cohesive debris.

In addition to the provision of a Wheel Washing Facility, our nominated contractors will also provide an approved Mechanical Road Sweeper with vacuum facilities, spray facilities and on-board storage. This shall be used for the sweeping and cleaning of the roadway system and the public highway immediately adjacent to the site, on a regular basis or as deemed necessary to prevent nuisance or hazards to other highway users.

Collected debris is to be disposed of at a licensed waste disposal facility. The location of the wheel washing facilities will be as shown on the map.

**6. Measures to control emission of dust and dirt during construction**

Control of dust will be a high priority during building works. The primary mechanism for dust control will be the use of hose(s) with misting spray bars. Proactive controls will be instituted to reduce the amount of dust generation during Site activities, Including;

- a) Enforcement of low speed limits for vehicular traffic, entering and leaving site.
- b) Decontamination of trucks leaving
- c) Height limits for debris/waste stock piles and these stock piles to be wetted down (If Site conditions require increased dust suppression, emulsifiers or surfactants may be added to improve the “wet-ability” of water sprays, and paper mulch mixed with a tackifier may be used on waste/debris stockpiles)
- d) Sustained wind speeds (the wind speed obtained by averaging the measured values over a one-minute period) exceeding 20 miles per hour, all active demolition and debris/waste loading must cease until the sustained wind speed declines to 20 miles per hour or lower. Non-dust producing activities may still be conducted during these periods.
- e) Covering stockpiles with plastic sheeting or tarps during high wind periods

Dust emissions from building works or other debris storage piles will be controlled using temporary covers, water sprays, and/or wind breaks. Controls for dust mitigation during debris or waste stockpiling include a water spray/mist, operation of the airborne dust wet suppression system and covering stockpiles. The height of stockpiles will be minimized, with a maximum height of 7 feet. At the end of each day, or when not in active use, each stockpile will be covered with 6 mil (or thicker) poly sheeting and weighted down.

Prevention of loose materials flicking up by tyres will be controlled by decontaminating vehicles before exiting the demolition work area. The exterior of vehicles will be decontaminated as required to remove any waste materials on the exterior of the vehicle.

Site banks man or personnel will be responsible for inspecting all vehicles exiting the site.

## **7. A scheme for recycling/disposing of waste resulting from demolition and construction works**

During excavation sub soil will be utilised onsite where required for levels and excess will be removed from site. It is expected that top soil itself will be recycled on site for the most part in connection with the proposed landscaping works.

The following good waste management practices will be considered as a general guideline during demolition and construction works;

- a) **Buying and Storing Materials**
  - o Order the amount of materials you need as accurately as possible;
  - o Arrange for 'just in time' deliveries to reduce storage and material losses;

- o Consider the source of materials (Is the company certified with environmental standards? Quality materials and recycled materials may prove cheaper).
- o Consider the packaging used for materials delivered to the site -can this be reduced or recycled
- o Ensure that deliveries are rejected if damaged or incomplete
- o Make sure storage areas are safe, secure and weatherproof (where required)
- o Store liquids away from drains, burns and in bunded areas to prevent pollution.

**b) Site Activities**

- o Ensure options for the use of reclaimed and recycled construction materials that meet the materials specification are considered.
- o Recycle suitable spoil, demolition materials, pruning's, and surplus construction material arising from the works on site to avoid the need to transport materials.
- o Keep the site tidy to reduce material losses and waste.

**c) Training and awareness**

- o Promote good practice awareness as part of health and safety induction / training for workers onsite.

**d) Waste Segregation**

- o Segregate different types of waste as they are generated using different skips where possible (given the space available). At a minimum there should be skips for wood, inert and mixed materials, although a skip for metals may generate some income. If there is a shortage of space and not enough room for multiple skips get a licensed waste management company to deal with waste - they may be able to recover recycled materials from mixed skips.

**e) Waste certification**

- o Complete waste transfer notes before any waste leaves the site
- o Ensure all waste carriers have a valid waste carriers registration certificate
- o Ensure all wastes are disposed of at a correctly licensed site
- o Complete notification for hazardous waste to SEPA