

CONSTRUCTION METHOD STATEMENT AND SITE MANAGEMENT PLAN

F/23/96301

18 Crowsport, Hamble, SO31 4HG
23rd September 2024

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Introduction

The purpose of this Construction Method Statement & Site Management Plan is to ensure the proposed development at 18 Crowsport, Hamble, SO31 4HG is carried out with minimal disturbance to neighbouring occupiers (in terms of noise, vibration, traffic and dust) and does not detrimentally impact on the environment and the safe operation of surrounding highways.



Figure 1 Site Location 18 Crowsport, SO31 4HG

Scope Of Works

The work to be carried out is the demolition of an existing bungalow and the erection of two storey timber frame house.

The work is to be carried out by two main contractors:

Demolition

The demolition will be carried out by:

Wessex Demolition
1 Fort Fareham Industrial Estate,
Fareham,
PO14 1AH

Wessex Demolition & Salvage Ltd was formed in 1994, and has been steadily growing in both stature and knowledge. Over the past 20 years we have provided our services throughout the UK, becoming one of the south coast's leading demolition experts with a reputation of providing safe, efficient and cost-effective demolition solutions to their clients. They have numerous accreditations including NFDC, CHAS, Safe Contractor, SMAS and have a valid EA Waste Management & Carrier Licence

Construction

The construction of the new property will be undertaken by:

MBC Timber Frame UK Ltd.
Quedgeley Court,
Shepherd Road,
Gloucester
GL2 5EL

MBC Timber Frame, A family-owned company supplying award-winning Timber Frame homes for over 20 years across the UK & Ireland.

The construction phase on the project will be phased:

Demolition and Site Preparation (5-7 days)

Groundworks and Foundations (8-10 days)

The foundation for the house will be an insulated raft. Based on our current soil survey is it not envisaged the piling will be required.

House Frame Erection (3 weeks)

External Rendering and Fit Out (4-6 months)

Working Hours

No Deliveries or noisy work (including the loading and unloading of waste and materials) is to take place on Sundays, Bank Holidays or outside the following working hours:

08:00 – 18:00 Monday to Friday

09:00 – 13:00 Saturday

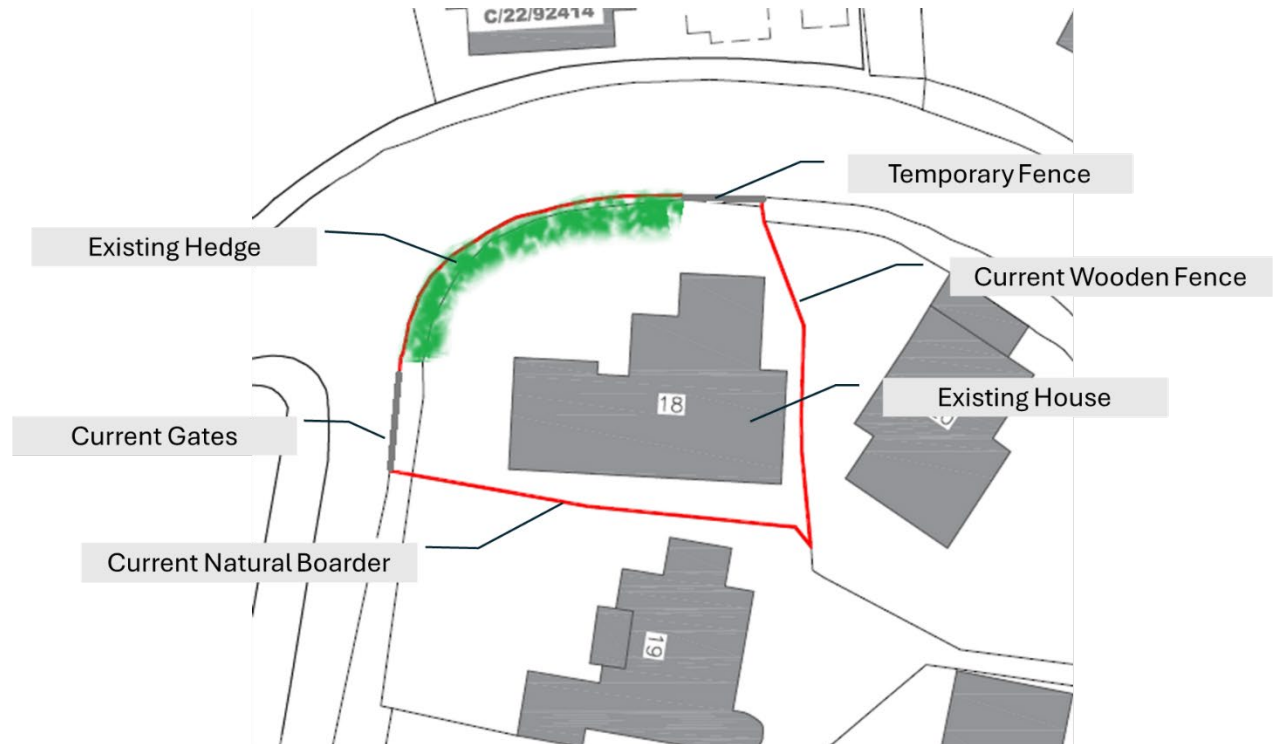
Any requests to carry out such works outside of these working hours will be directed to the local authority at least seven days in advance, together with details of the works (including the expected noise levels) and why these cannot be carried out during normal working hours.

Site Layout



Hording and Site Security

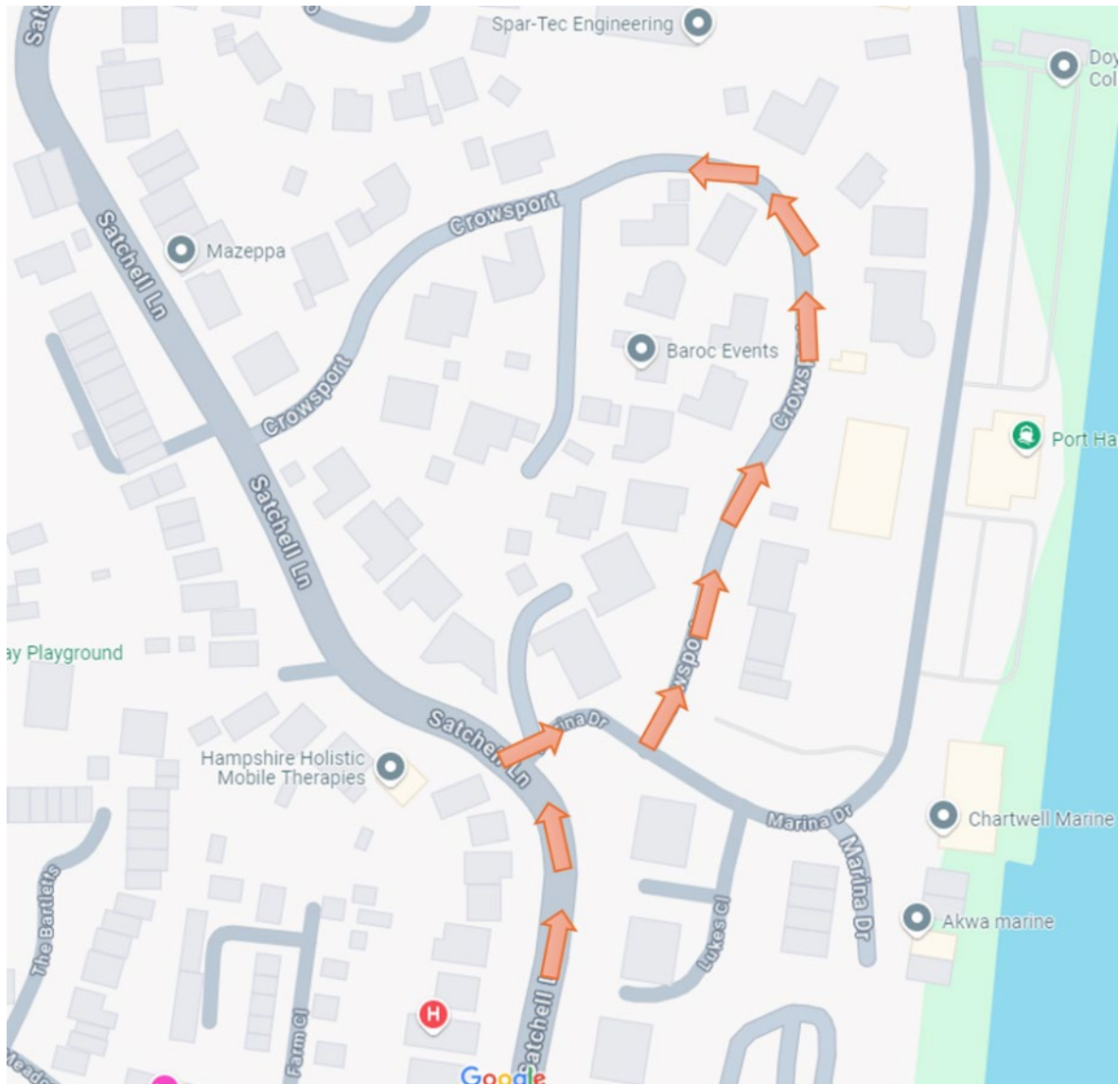
The current site is already very well secured with fencing and hedging.



Prior to commencement of site works the perimeter of the site and entrance, will be securely protected with good quality security fencing which complies to guidelines contained within HSG151 Standards. This will be complete with all necessary signage in accordance with HSE requirements.

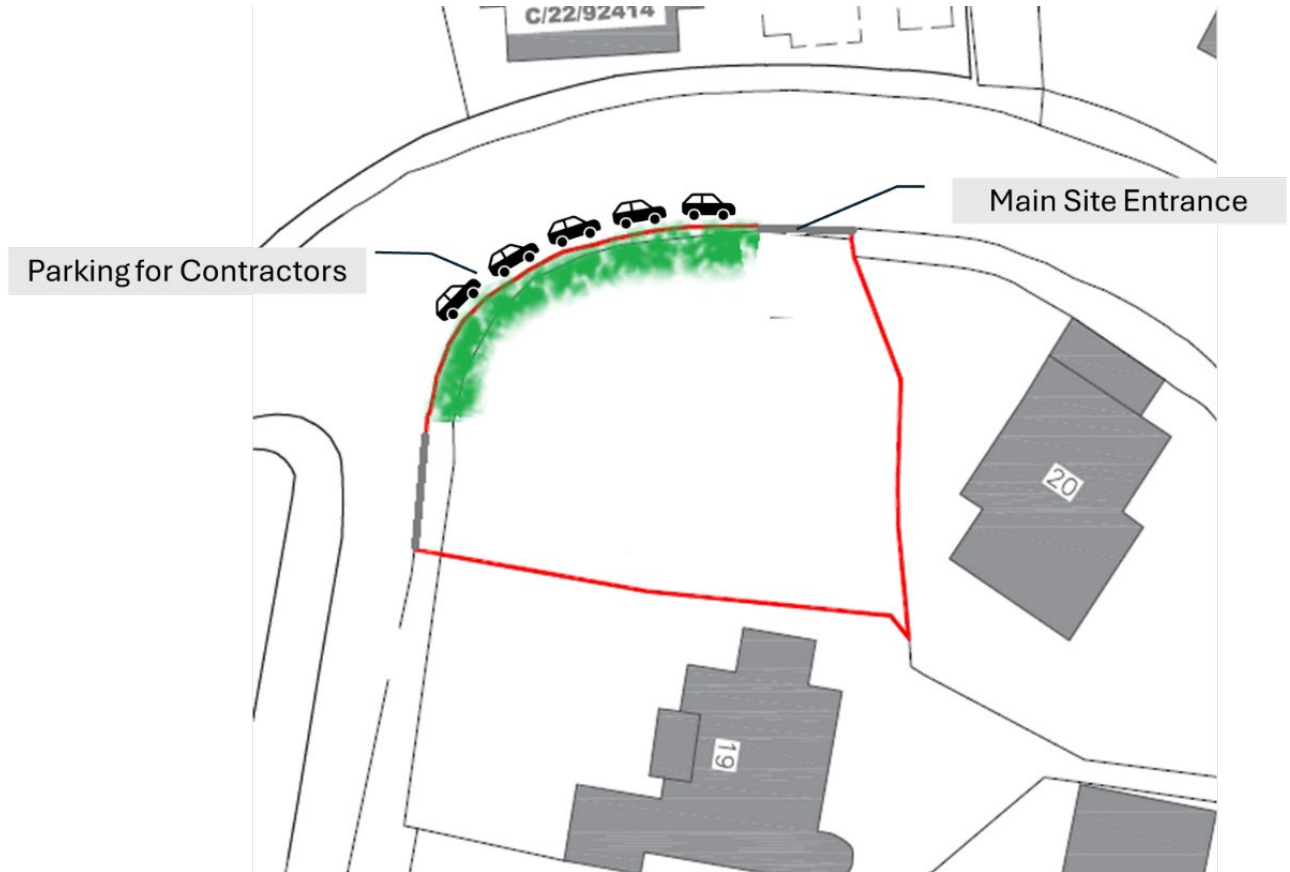
Site Access

All deliveries will access the site via Hamble Lane and Marina Drive. Deliveries will be advised that access from Satchel Lane is restricted. All vehicles will have the ability to turn around within the Crowsport Estate before existing via Marina Drive.



Site Parking

Site parking is available on site for a number of contractor cars.



Loading and Unloading of Plant and Materials

- All loading / unloading is to take place from the main entrance of the site and never outside the permitted working hours unless previously agreed upon with the Local Authority.

Construction Vehicular Movements and Deliveries

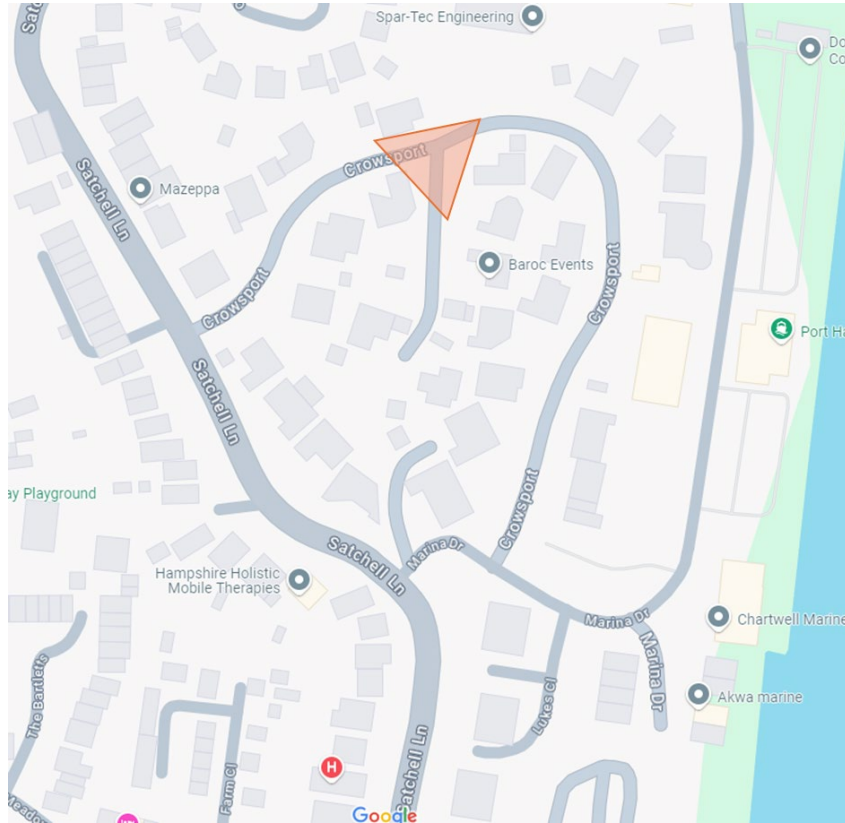


Figure 2 Turning Circle for Lorries

- It is anticipated that the largest lorry type utilised during the construction of the development will be of a maximum gross weight of no more than 20 tonnes.
- A turning circle will be provided and kept clear on site for delivery vehicles
- A Banksman/ Traffic Marshall will be available on site to coordinate deliveries and to ensure the safety of pedestrians, cyclists and other vehicles at all times.
- There will be a rota system requiring all deliveries to be pre-booked at least 24hours in advance to avoid on-site and off-site congestion by spreading the resulting traffic over a longer period.
- Other methods to optimise deliveries and to reduce their impact on traffic and congestion include:
 - Consolidation deliveries whenever possible
 - Not accepting part loads unless essential
 - Issuing notices to sub-contractors and delivery companies stipulating deliveries that have not been booked in advance or happen outside agreed delivery slot may be turned back and re-scheduled

Storage of Plant and Materials

In addition to the delivery procedures listed above, the principle of “just in time” deliveries will be followed strictly throughout the development process to ensure plant, machinery and materials are not stored on site before they are actually required for the building works

When materials are kept on site, this will always be within the site boundary and only for as long as necessary.

All materials especially those prone to emitting dirt or dust, will be covered by appropriate sheeting and securely fastened.

All areas within the site and on adjoining highways will be checked for spillages on a regular basis

All machinery and plant equipment that must be kept on site will be switched off when not in use.

Wheel Washing Facilities and Road Cleanliness

Due to the nature of the site no lorry will enter the site. All lorries that will be used to carry excavation mud or soil will be extracted from the kerbside.

Wheel and chassis washing facilities will be provided to remove stones, concrete and any other extraneous materials from any plant machinery on site

We will monitor the surrounding highways and footpaths daily and ensure the construction works do not have negative impact on road cleanliness.

Should the road become contaminated by any debris it will be removed by spade and jet washed.

Wastewater discharged from the wheel washing system shall be stored and disposed of on-site and shall not be discharged into the public sewage system without prior removal of soil, stones and any other suspended materials

Dust and Dirt Control Measures

The potential for the operations to produce dust will be minimised by implementing best practices measures such as:

- Due to the nature of the build and the offsite construction the generation of dust will be kept to a minimum.
- Appropriate dust measures will be in place to ensure works do not create an issue to the surrounding residential properties and habitats
- Wheel washing facilities will be installed at all exits as well as procedures for effective cleaning and inspection of vehicles
- Dampening of exposed soil and material stockpiles using dowsing, sprinklers and hoses when necessary to prevent dust and particulate matter becoming mobile
- Stockpiles of soil and materials will be located close to the current hedge, taking account of prevailing wind directions and seasonal variations in the wind.
- Covering of all skips
- Vehicles carrying loose aggregate and workings will be sheeted at all times
- Burning of any material is prohibited

Noise & Vibration

All contractors and sub-contractors working on site have a general duty to take all possible measures to minimize nuisance from noise and vibration. To achieve this the following requirements will be complied with:

- No works will be carried out on the site outside of the allowed working. All activities will be assessed for anticipated noise levels prior to works commencing, considering the potential for amplification of noise due to the layout of the site.
- All plant and equipment brought to site will be well maintained and operated in accordance with the manufacturer's instructions and should comply with or better than relevant national or international standards BS5228-1 directives or recommendations on noise or vibrations emissions will be used.
- Machinery and vehicles will be fitted with effective silencers wherever available and kept in good working order.
- Acoustic covers are to be closed during operation
- Equipment that breaks concentrate by crushing or similar, rather than by percussion, will be used as far as practicable (if required)
- Care will be taken when erecting or striking scaffolding to avoid impact noise from banging steel. All operatives undertaking such activities will be instructed on the importance of handling the scaffolds to reduce noise to a minimum
- Where practicable, rotary drills actuated by hydraulic or electrical power should be used for excavating hard material: and
- The use of non-reciprocating construction plant will be utilised where practicable
- Employees will not be permitted to use radios or other audio equipment in ways or at times which may cause nuisance

Air Quality

Air Quality impacted by fumes from vehicles and plant will be minimised by the following measures:

- Engines of all vehicles and plant on site will not be left running unnecessarily
- Low Carbon vehicles and plant fitted with catalysts will be used, where possible
- Ultra-low Sulphur diesel fuel will be used in plant and vehicles
- All commercial road vehicles and construction plant, including stationary plant must comply with any legislative requirements including the relevant European Emission Standards

Site Waste Management

Waste will be managed under the principle of hierarchical waste management priorities which, in order of importance, are as follows: Reduce, Reuse, Recycle and Dispose.

- Any waste resulting from site clearance and demolition will be salvaged
- The use of reclaimed aggregate will be encouraged. Where possible to reuse materials on site the contractor will attempt to transport these materials to other nearby building sites.

- Each sub-contractor will be responsible for ordering and supplying their own materials, thus minimizing the risk of waste through overordering.
- Each subcontractor will also be required to use the most environmentally friendly packaging at its disposal (including recycled) without adversely affecting the safer handling and protection of materials
- All waste resultant from the works will be segregated on site
- Resultant hard core will be re-used where possible
- Re-usable materials will be identified on site and removed from storage re-sale
- Recyclable materials will be removed from site for processing in licensed facilities
- Where reuse is not practical or possible, the contractor will endeavor to recycle as much waste as possible offsite using recycling companies.
- Hazardous materials are to be sealed, stored and disposed in an appropriate and safe manner. This is to avoid contact with ground or wastewater.
- The management and disposal of any remaining landfill waste will be handled in accordance with all relevant statutory requirements, including the Environmental Protection Act 1990 and the Environmental Permitting Regulations 2007
- A skip will be provided on site for any non-recyclable material

External Lighting

- It is anticipated that very little external work will be undertaken during the hours of darkness.
- Any lighting to be used at the site during construction will be directional and screened, where possible.
- Any illumination will not shine over and areas of habitat.