



Construction Method Statement

for

3No. Detached Houses

at

7 Hawkwell Park Drive

Project No: 760

Rev -

SKARCHITECTS



Introduction

The works associated with this statement are to prepare the site and erect 3 detached houses including associated services, landscaping at 7 Hawkwell Park Drive.

Health and Safety Aims and Objectives

The Client's goals for the project are to have zero reportable incidents, a strong health and safety culture to be promoted, and reduced hand and eye injuries by use of appropriate PPE.

Hours of operation

Construction to take place:

Monday to Friday 8am-6pm

Saturday 8am – 1pm

Sunday, Bank and Public Holidays – No work permitted

No deliveries are to be made outside of these hours

Health and Safety

All workers involved in the works will be supplied with, and required to wear at minimum hard hats, hi-visibility vests, steel toe cap safety boots and gloves. Additional PPE will be worn as required.

All workers will undertake a site induction prior to being permitted to carry out works on site. Any such persons deemed to not be adhering to the health and safety rules of the site shall be dismissed from site. The site operative will ensure any persons undertaking work on site are appropriately competent for the works being undertaken and hold relevant certifications where required.

All contractors/sub-contractors are to provide to the main contractor Risk Assessments and Method Statements as appropriate for the type and scale of the works.

A first aid kit and incident log book will be located in the site welfare office and anyone who enters the site will be made aware of its location. The nearest A and E to the site is Southend Hospital located 2.5 miles from the site.

The parking of vehicles of site operatives and visitors

Construction vehicles will be routed along Hawkwell Park Drive. Access to the site will be via double doors in the secure hording located on the corner of Hawkwell Park Drive and Park Gardens. Once the bulk excavation and site strip is complete a temporary hardstanding will be constructed from type 2 materials in the area where the finished parking spaces to the front of Plot 1 and 2 will be formed. This area will then be used by contractors and subcontractors as required for vehicles and will be secured. Site welfare will be located at the rear of plot 1. There will be no abnormal loads vehicles.

Loading and unloading of materials

Materials will be loaded and unloaded within the site boundary on the temporary hardstanding wherever practicably possible. Where this is not possible, a banksman will be in attendance to guide workmen and pedestrians to ensure the health and safety of all persons near the site.

Where possible, vehicles will leave the site in a forward gear. In situations where this is not possible a competent banksman will be in attendance to assist in vehicles manoeuvring off of the site. All drivers will report to the site office prior to any unloading and unloading taking place.

Storage of plant and materials used in constructing the development

Vehicle and pedestrian routes are to be marked out on the site and kept clear with defined storage areas for materials. Materials and plant will be stored as close to their place of use as possible. Hazardous and flammable materials including plant fuel will be securely stored in appropriate containers.

Wheel and underbody washing facilities

Wheels and the underbody of vehicles exiting the site will be inspected and checked. Before leaving the site any heavy deposits will be removed using scrapers and the wheels of vehicles will be cleaned by a site operative as necessary using a high pressure jet wash. Once the site operative is satisfied, the vehicle will be permitted to leave site. The site operative will ensure that water used during the wheel washing does not migrate out onto the highway.

A road sweeper will be hired to combat any instances whereby there are any deposits on the highway. As soon as a main contractor has been appointed, their details will be passed on to the Local Authority to enable contact should any breaches or issues arise once the work has commenced.

Dust suppression measures

Proposed measures to control dust and dirt include the following:

- Wheel and chassis washing facilities near the vehicular exit
- Covered storage areas and sheeted delivery lorries
- The use of fine sprays during the loading or unloading of materials as well as on buildings and structures (during demolition works), cutting and drilling plant, unpaved areas, sand, spoil and aggregate stockpiles
- Preference of hydraulic construction over percussive techniques
- Burning of waste or unwanted materials on site to be strictly forbidden
- Covering of all chutes and skips
- Correct use of all plant and machinery and regular maintenance of their exhaust systems
- To damp down with water spray
- Use water suppression or on-tool extraction
- Limit the number of activities that cause dust

Site Security

A timber hoarding is to be erected around the accessible areas of the site until the construction process is substantially complete.

Waste Management Plan

The contractor will identify and determine the environmental issues requiring attention and implementation of the measures to achieve continuous improvement. In particular, attention will be given to the use and re-use of materials to minimise and curtail creating waste whenever practicable.

Waste will be managed under the principle of hierarchical waste management priorities which are to Reduce, Reuse, Recycle and Dispose. In addition, the following principles will be applied to the project.

Reduce:

- Ensuring the correct quantity of materials are ordered
- Use of pre-fabricated systems where possible
- Each sub-contractor will be responsible for ordering and supplying their own materials, minimizing the risk of overordering
- The principle of "just-in-time" deliveries will further reduce the risk of damage (and therefore waste) through stockpiling
- The Main Contractor will employ as many local sub-contractors and suppliers as possible in order to reduce fuel consumption

Reuse:

- Where it is not possible to reuse materials on site the contractor will attempt to transport these materials to other nearby building sites or to sell them to intermediary companies for reuse
- The contractor will make use of material and waste exchanges, such as those listed on the BRE's smartwaste website or wastebook.org.

Recycle:

- Where reuse is not practical or possible, the contractor will endeavour to recycle as much waste as possible through the use of recycling companies
- To facilitate this, segregated waste and recycling skips will be made available at all times

- Each sub-contractor will be responsible for moving waste and recycling (segregated where possible) into these skips
- Procedures for recycling will be part of the Site Induction process.

Dispose:

- Hazardous materials are to be sealed, stored and disposed of in an appropriate and safe manner in order 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
- The burning of waste or unwanted materials on site will be strictly forbidden.

Noise and Vibration

All available techniques will be used to minimise, as far as is appropriate, the level of noise to which operators and others in the neighbourhood of the site operations will be exposed.

Existing Services

All existing services at the site are to be appropriately terminated prior to the commencement of the works. A water supply will be provided at the site during demolition works to be used for health and hygiene of those on site, and for dampening down and cleaning.

Fire Safety

Water hoses and fire extinguishers will be on site at all times and clearly sign posted. All personnel on site will be made aware of the location of fire extinguishers and water hoses. A muster point will be allocated and clearly signed, and, in the instance of a fire, the site foreman will account for all personnel.

Working at Height

All working platforms will be provided with substantial guard rails, barriers, toe boards and brick guards as appropriate to prevent risk of a person or materials falling.

Only qualified scaffolders will erect and/or carry out alterations to scaffolding. All working platforms and/or scaffolding will be inspected by a competent person before anyone is allowed to use it, and inspected thereafter at regular intervals.

Ladders and step ladders are only to be used where safe to do so and for short periods of time only. Improvised/temporary working platforms are not permitted under any circumstances.

Ecology

- Any chemicals shall be securely stored to ensure they are not knocked over or accessed by wildlife
- Open pipework with a diameter of more than 120mm shall be properly covered at the end of the work day to prevent wildlife entering.
- No litter shall be left on site

Should there be any concerns raised for protected species during the works, or any works which would require supervision, the contractor shall consult An Ecology Consultant prior to continuing the works.

Water and Electricity Supply

To be provided from the existing connection to the pre-existing house. These will be capped off and adapted on site for use during construction.

Notifications to Residents

The surrounding residents (tenants/owners/landlords as appropriate) will be notified as required including notification of the full construction start date and expected completion, in addition to any

mobilisation works e.g. demolition. The letters sent will provide a contact number for the Main Contractor for residents to contact should they have any concerns or queries. The site hoarding will further provide the relevant Contractors' details.

Site Plan

