

## Construction Management Plan



**As required by Condition 11 of Planning Permission Ref. DC/19/05419**

**at Land off Ipswich Road, Hadleigh**

**Rev A**

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## **1.0 Aim**

The Construction Method Statement has been prepared in response to the requirements of Condition 11 of Planning Permission DC/19/05419 and should be read in accordance with supporting documentation in respect of the discharge of planning conditions. It also implements and promotes safe systems of work throughout the various stages and construction activities involved with the project.

This Construction Method Statement will be implemented by the Construction Team with assistance from all Persimmon departments to enable adherence.

## **2.0 Hours of Construction**

There will be no construction work outside the hours of 07:30 hrs -18:00 hrs Monday to Friday and 09:00 hrs - 13:00 hrs on Saturdays. No work to take place on Sundays or Bank Holidays.

The Site Management team will induct and advise all site personnel, visitors, contractors and deliveries to the approved working hours of the development. These will also be communicated to the workforce during site induction.

Hours of construction operations include the removal of excavated materials and waste from the site.

### 3.0 Commencement and Sequence of Works and Build Programme

All HGV's will access the site from the A1071 (either from the Sudbury or Ipswich direction) and contractors will be informed in advance, in writing, not to use Benton Street. The site manager will be responsible for ensuring that the above is adhered to and a complaints log will be maintained and made available for inspection by the Local Planning Authority upon request.

Construction workers using cars or small vans will be advised to avoid Benton Street where possible. Construction traffic will enter the development from the roundabout on the A1071 Ipswich to Sudbury Road, via Ellen Aldous Avenue.



**Access from A1071**



**Location of Compound within Phase 2**

Once the site entrance is formed the site compound will be relocated from the existing location serving Phase 1b to its new position as indicated on detailed Drawing Ref. 941-E-206 'Compound Location Plan'. The above drawing identifies the location of the compound within the context of the approved layout.

The build programme will follow the sequencing indicated on the build route and phasing plans in Appendix 3 of this report.

## **4.0 Site setup**

### **4.1 Parking of vehicles for site operatives and visitors**

Site staff and contractor parking will be within the site compound area located within the site boundary, which is accessed off the roundabout on Ipswich Road and on to Ellen Aldous Ave (as shown in appendix 2).

No parking will be permitted on the surrounding highways.

### **4.2 Loading and unloading of plant and materials**

Construction traffic will enter the development and will be unloaded in un-occupied area of the development road ways, or within the compound area indicated on the Build Road and Loading Bay Layout Sheets.

Every effort will be made to schedule deliveries so that unnecessary vehicle movements to and from the site are avoided. All construction plant used on site will be of a size and type required to undertake the construction operation safely and efficiently

Deliveries of materials will be organised to maximise the safety of all personnel. The emergency services, e.g. fire appliances, ambulances, etc. will use the same access routes to the working areas. These routes and the main entrance to the site will be kept free from obstructions throughout the construction phase. Loading and unloading operations shall only be undertaken within the site boundaries.

Traffic rules apply (No illegal parking, speed limit of 5 mph), and place materials as close to the working area as possible. Materials will be ordered on a 'just in time' basis to minimise the amount of space needed on-site. Deliveries and collections will avoid peak times to minimise contact with the public.

No unloading of vehicles will take place on the highway, all unloading will be within the confines of the site, unless not practically possible. If the unloading must happen within highways then care must be taken to



obey parking restrictions and to avoid blocking access to neighbouring properties or emergency services. All operative will be made fully aware of any restrictions on deliveries for the site.

#### **4.3 Arrangements for storage of plant and materials**

Plant will be stored within its own fenced off area within a compound so it is secure when not in use, material will be stored within the material storage compound as indicated by the plan submitted for Appendix 2, where the site office and welfare are also shown.

#### **4.4 Site Layout and Information**

Information relating to general health, safety and environmental matters, site specific information and statutory notices will be displayed on the site notice board. This includes the following:

- Contract Name;
- Site Plan;
- Current Key Risks and Information;
- This Week's Topic;
- Health & Safety Law Poster;
- Designated Fire Marshal (s) and First Aider (s);
- F10;
- Insurances;
- Policy Statements;
- Site Information (Fire Alarm, Deliveries, Parking, Emergency (Medical), Environment, Police, HSE).

A plan of the site compound layout will be produced and displayed on site notice board. It identifies the following as far as is possible at this stage in the contract:





- Vehicle and pedestrian routes around site by means of metal pedestrian barriers and gated vehicle access to provide safe access throughout the work areas and also control access between show home visitors and residents during construction. These routes will be updated as construction progresses within the development.
- Emergency muster points.
- Fire extinguisher locations.
- First aid box locations.
- Welfare facilities.
- Safety signs.
- Location of foul and surface water drains.
- Spill kits.
- TPO's and other ecological mitigation/aspects.

The plan is suitably developed for commencement on site, it is a live document and will be amended as necessary as work proceeds and adapted to site conditions. It will be drawn to the attention of contractors and their operatives during induction. Please refer to site compound layout plan drawings 941-E-206 Compound Location Plan.

#### **4.5 Site Boundary and Public Protection**

Site security fencing (1.8m high) will be provided around the perimeter of the development, which will be double clipped wind braced with appropriate hazard warning signage. Site entrances will have gated access, with appropriate signage and contact details for visitors and deliveries. Site materials stores and compounds

The proposed arrangements for site security are as follows:

- Any compound enclosures will be secured at the end of the working day or if unattended during the working day.



- Security straps and bolts will be used to fix the fence panels into their bases if on site experience shows that this is necessary.
- It is not proposed that decorative displays or facilities for public viewing will be provided.

The proposed arrangements for the protection of the public are as follows:

- Any visitors to the site will be directed in the first instance to the site office.
- All visitors will have to sign in on arrival and sign out when leaving the site.
- All public access areas to be clearly marked.
- Work areas fenced off and kept secure.
- Posters and signs erected to inform and indicate safe routes.
- Maintain good housekeeping to all areas of work.
- Interface with the public will be kept to a minimum by means of metal pedestrian barriers and gated vehicle access to provide safe access throughout the work areas and also control access between members of public and residents during construction. These routes will be updated as construction progresses within the development.
- No burning shall take place on site during construction/site clearance

The proposed arrangements regarding work in public areas are as follows:

- No work will be permitted in public areas unless the proposed work area has been isolated by Heras fencing / low-level barrier fencing with signs indicating that work is being carried out.
- No debris, waste or tools will be left unattended in areas accessible to the public UNLESS these are in such a position or in such a condition that they pose no significant health and safety risk. When assessing this consideration WILL be given to the possible presence of children in the area. Refer to Part vii for Management of Waste.

- All existing public rights of way will be managed to remain separated from construction activities and will remain open, and protect from the construction area by Heras fencing and or chapter 8 pedestrian barriers and signage.
- Permission to temporally realign any footpaths to allow safe working practises if required will only take place after consultation with the Highways Department and once the necessary paperwork has been submitted and approved.

#### **4.6 Wheel washing facilities and road cleaning**

Persimmon Homes will minimize, as reasonably practicable, driving off designated hard areas by adhering to the Traffic Management Plan.

When necessary all vehicles wheels leaving site will be cleaned with the use of a pressure washer, which will be available at the entrance of the working area to ensure that mud is not carried onto existing roads.

All roads will be managed to avoid as reasonably practicable, any mud or debris being deposited onto the public highways. This will be monitored throughout the working day. Thorough inspections will be done at the end of each working shift. Should any debris be found then it will be cleared up using a shovel and broom, forklift with sweeper attachment or if deemed necessary and industrial sweeper.

#### **5.0 Project Health and Safety**

Persimmon Homes have established a health & safety strategy for the works with a target of zero accidents of all types, and in addition we will set up a benchmark standard for the monitoring of health and standards on this project by means of a system of monitoring of incident and accident frequency rates, using both active and reactive monitoring procedures prior to the commencement of works. All subcontractors working on this project will be expected to achieve a similar standard and provide outline procedures for inspecting and auditing during the project.

Our divisional Health & Safety officer will visit site prior to, after site set up and once works have commenced. During these visits items site activities will be discussed to ensure that these do not become a nuisance to any surrounding area's or site neighbours.

## **6.0 Dust Control Measures**

Dust and dirt will be controlled with our SHEQ procedures. Completed earthworks will be covered or vegetated as soon as possible. Exposed soil and stockpiles will be dampened, if necessary, using hoses if longer term exposure is envisaged. The following mitigation measures will be adopted to minimise impacts:

- Use sheeting to screen and contain any dust.
- Using localised screening and water sprays to damp down dust at loading or material handling positions.
- Using water sprays to damp down dust in dry weather
- All delivery vehicles will be covered and cleaned, if required, before going on public highways.

## **7.0 Noise Control Measures**

Noise & Vibration will be controlled with our SHEQ procedures, with examples of impacts and mitigation measures are detailed.

Noise and vibration will be caused during construction activities by:

- Traffic movements;
- Plant movements;
- Excavating operations;
- Generators;



- General construction activities;

The following mitigation methods will be implemented in order to mitigate the impacts of noise and vibration:

- Noise and vibration will be limited to the core working hours previously defined.
- Contractors must use “best practicable means” (BPM) to minimise the nuisance from noise and vibration.
- Recommendations made in BS 5228 should be applied to all aspects of the construction to ensure that the amenity of the local residents and on-site workers is maintained.
- The location of plant will be planned to minimise noise levels and screening will be used where necessary.
- Adherence to noise limits should be included in contractual agreements with contractors. Key construction processes will be assessed for predicted noise levels and mitigation measures implemented to control noise. Monitoring will be undertaken during construction to ensure that noise levels are controlled to an acceptable level.
- General induction training for site operatives and specific training for staff having responsibility for particular aspects of controlling noise from the site.
- Intermittently operating plant will be shut down in the intervening periods between operations.
- All on site permanent construction plant, construction vehicles and/or other construction equipment capable of reversing under power shall be installed with white noise reversing alarms only and such alarms where activated shall be used. Visiting vehicles (including delivery vehicles shall have white noise reversing alarms where practically possible)
- Any compressors brought on to site would be silenced or sound reduced models fitted with acoustic enclosures.
- All pneumatic tools will be fitted with silencers or mufflers.
- Wherever possible, the use of hydraulic attachments or other means of crushing concrete and hard materials will be used in preference to pneumatic breakers.



- Care will be taken when erecting or striking scaffolds 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.
- Deliveries will be programmed to arrive during daytime hours only as specified in VIII, above. Care will be taken when unloading vehicles to minimise noise. Delivery vehicles would be routed so as to minimise disturbance to local residents. Delivery vehicles will be prohibited from waiting on the highway or within the site with their engines running.

In terms of monitoring, the site manager will be responsible for ensuring that the above (as well as movements of HGV's, referred to in Section 3) is adhered to. A complaints log will be maintained and made available for inspection by the Local Planning Authority upon request.

No piling works are proposed as part of the proposals.

## **8.0 Waste Management Procedures**

### **Waste Management**

Waste levels will be minimised wherever possible for example balancing cut and fill so that cartage of arising off site is minimised and use of recycled materials in construction.

- As far as practicable, all loose waste materials will be removed from all areas of the site at the end of the working day
- Waste skips will be kept in fenced areas where the public do not have access
- Waste skips will be removed when full

Persimmon Homes are committed to reducing the waste generated by their projects, minimising the waste that is sent to landfill through our waste management processes and to maximise the opportunities for using materials with high recycled content. In order to do this we require the support of our supply chain. Our supply chain has a role to play at all stages of the project – pre construction / planning, construction

and post construction. A copy of Persimmon Environmental Management System is appended to this report.

All waste is managed in line with environmental legislation. All waste produced by Persimmon Homes as part of the contract is taken onto the highway by a licensed waste carrier under a waste transfer note and disposed of at a licensed facility, preferably a waste transfer station to maximize recycling opportunities. Suitable storage facilities are provided for all waste, including hazardous waste streams. Copy of Persimmon's Environmental Protection (Duty of Care) Regulations is appended to this report.

### **9.0 Keeping the public informed of the build programme.**

Persimmon will send a letter out prior to commencement of construction works on site to advise local residents of the build programme. Thereafter a series of meetings will take place co-ordinated through the local councillors and attendees will comprise the Ward Member(s), representatives of Hadleigh Town Council, Persimmon Homes and local residents.

Persimmon Homes set up a web site [www.persimmonhadleigh.co.uk](http://www.persimmonhadleigh.co.uk) (commissioned to address issues relating to Weavers Meadow, Phase 1b) to which local residents can refer for up-to-date information. The web site has been extended to address matters relating to Phase 2 (Rose Manor).



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## **Appendix 1 – Environmental Management System**

Please refer to attached document.





## **Appendix 2 - Compound Location Plan**

Please refer to the attached drawing Ref. 941-E-206 'Compound Location Plan'.

### **Appendix 3 - Build Programme**

Please refer to the attached drawings:-

- '941-E-203 Build Route and Phasing Plan Sheet 1'
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- '941-E-204 Build Route and Phasing Plan Sheet 2'
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- '941-E-205 Build Route and Phasing Plan Sheet 3'.