



Construction Method Statement

Under HSE CDM 2015 a Construction Phase Plan must be produced prior to construction. This Document with all associated risk assessments, reports etc will be on site at all time of which this Construction Management Plan will be part of.

- (i) Parking of vehicles of site personnel , operatives & visitors as indicated.
- (ii) Loading & unloading of plant & materials will be as indicated.
- (iii) Storage of plant and materials including cement masonry & washing will be as indicated.
- (iv) The erection and maintenance of security hoarding including decorative displays and facilities for public viewing as indicated.
- (v) Construction vehicles & wheel cleaning as indicated.
- (vi) Measures to be used for the suppression of dust & dirt throughout the course of construction will be as indicated.
- (vii) The location of any site huts/cabins/offices as indicated.

Noise & Dust Environmental Impact statement.

This document will form part of the appendices of the CDM Construction Phase Plan in addition to the items covered under 3.1 (e) & (h). This statement has been produced due to the nature of the sites location and its proximity to neighbouring domestic properties and focusses on the impact to the Environment rather than the user.

Crayfern Homes will write to all surrounding neighbours informing them of the construction program including giving all contact details for the site team and Crayfern Homes head office construction team. Neighbours are invited to make contact at any stage if they have any concerns

Working Hours:

As stated within the planning supplementary information no work relating to the construction of the development will take place outside of the hours of 8.00am - 6.00pm weekdays and 9.00am - 1.00pm on Saturdays. No working on site permitted on sundays or bank holidays.

Preventative Excessive Noise and Dust issues:

The Control of Noise (Codes of Practice for Construction and Open Site) Order 1984 gives legal approval for BS 5228, parts 1 & 2, 1984. This provides information on noise and noise control on Construction Sites which will be followed on this construction project. Noise assessments are to be carried out and reviewed periodically by a competent foreman or site manager and every attempt shall be made to control noise at source. Where noisy activities are unavoidable the disturbance will be minimised/attenuated by choice of technique, timing, shielding or protection or siting the activity away from neighbouring properties in accordance with guidelines set out within BS 5228.

Vibration Roller for road construction within month 1 and 2 of construction to be rated at < 80db(A) as stipulated by HSE "The Noise at Work Regulations 2005".

Noise and dust assessments are to be carried out and reviewed periodically by a competent foreman or site manager. If levels are thought excessive an alternative method for that task shall be implemented immediately. The list below identifies machinery & processes that may cause noise and dust issues & methods of limitation;

Radios

Radios must be kept to an acceptable volume.

Bonfires

No bonfires will be permitted on site during clearance or construction phases.

Dust Suppression generally during Demolition:

Existing water supply is available on site. Suitably sized & quantity of hoses are to be used to fully dampen the building during construction & demolition & a stockpile being created or transported. Sufficient personnel shall be available to carryout this task to maintain fully dampened material.

Dust Suppression during Construction Generally:

Wheel wash facilities will prevent dust & dirt migrating onto the highway. Roads to base will be constructed at the initial stage of construction to minimise dust & dirt migrating via transport.

360 degree tracked machine with grab during Demolition:

Machinery to be in good working order maintained with all silencers in place. Demolition grab and machine to be used by competent person grabbing materials of sensible load sized preventing falling debris by premature collapse.

Petrol Disc Cutters during Demolition, Groundworks, Bricklaying & Roof Tiling:

Disc cutters are anticipated to be used during these processes however should be used as a last resort. It is anticipated that disc cutters will be used upto 10 times a day for upto 2 minutes at a time. When disc cutters are used they should always have a water supply connected and working with the machine. All cutters shall be fit for purpose and fully maintained with only competent persons using. Cutters are to have silencers and be rated no more than 100db (A) however levels of use and noise shall be monitored with adequate breaks required as stipulated by HSE "The Noise at Work Regulations 2005".

Air Tools & Compressors:

These shouldn't be required, however if required alternative electric tools can be sourced. If in the event that there is no alternative sufficient breaks in using the tools should be monitored.

Hand Tools & Battery Tools:

To be used in preference to engine powered tools. No need for generators to be used as full 240v power reduced to 110V is available on site.

Lorry Delivery Types & Frequency

Deliveries include for vehicles covering groundworks and superstructure works from demolition through to final landscape works.

Month 1-4: 4 x 6/8 Wheelers per day, 1 x rigid lorry per day, 2 x arctic lorries a week.
Months 5-10: 4 x rigid lorries per day, 1 x box van a day, 3 x arctic lorries a week.
Months 11-14: 4 x 6/8 Wheelers per day, 1 x rigid lorry per day, 3 x box van per week, 1 x arctic per month
Months 15-18: 1 x 6/8 Wheeler per day, 3 x rigid lorry per week, 2 x box van per week, 1 x arctic per month

Parking

All construction and visitor parking will be on site.

Security

PIR wireless alarms to site accommodation and plots monitored by Southern Monitoring and Cobra Security. CCTV/ PIR security lighting. Hoarding and fencing will be erected as shown on the drawing.

Public Consultation

All neighbouring properties will be sent a residents notification letter with copy of site plan and basic programme of works. Emergency contact details and contact details for Site Manager, Contracts Manager and Construction Director will be included. Any concerns can be raised and dealt with as appropriate.

Public Right of Way

Public Bridleways will be maintained at all times with Bridleway pedestrians having priority. Construction traffic signage will be placed on entry and exiting bridleway stating "Bridleway traffic has priority". Works to Bridleway crossover in accordance with section 278 agreement and under Public Rights of Way Licence only.

Site Specific Highway Items

No parking cones will be placed at half metre centres between the new site access and the zigzag markings of the pedestrian crossing to the south of the site i.e. across the front of the existing layby. In addition to this a number of spare cones will be retained on-site to replace any that might become damaged in-use or go missing during course of construction.

A large sign is to be placed within the development site advising the drivers of construction vehicles that they are not to exit the development until any vehicles travelling southbound along Pagham Road have passed across the site access. A suitable 'stop line' will be painted on the access where drivers should wait until road is clear to emerge as per instructions. This is required to prevent a construction vehicle turning left out of the development site colliding with a vehicle travelling southbound as the latter will be partially on the former's side of the road (and possibly vice-versa) when parked vehicles are evident along the eastern side of Pagham Road.

Road sweeping will be carried out to Pagham Road or other roads as deemed necessary if mud is deposited on those roads throughout the construction period.

All delivery companies will be informed that construction vehicles can only enter and leave to and from the north. This is to minimise impact of construction vehicles within the village south of the site.

All deliveries are to be made within the site and clear of the public highway (including the turning of such vehicles).

In the event of any abnormal loadsn appropriate measures - such as banksmen - will be employed.

Advance-warning signs will be located at appropriate locations on the approaches to the site entrance to make other road users aware of the presence of the site.

Notes:-

1. All deliveries will be by the main site entrance off of Pagham Raod. Materials will be offloaded and moved to a suitable storage area.
2. A pressure washer will be available adjacent to the site entrance. Prior to leaving site, all vehicles will have their wheels assessed by a nominate operative to see if cleaning is required. If so then all wheels will be washed using the pressure washer. This operative will also be responsible for cleaning the road, should it be required, as well as removing any debris that might fall onto it.
3. The Green zone is an area in which authorised access & full protective protection equipment is not required though as soon as someone enters the site zone they need to have a full site induction & full protective measures & safety measures are implemented.
4. All tree protection as indicated.
5. Boundary fencing to be erected prior to groundworks.
6. A condition survey of the immediate vicinity of Pagham Road will be carried out pre & post construction.
7. All roads to be completed to base for access.
8. All site related uses must not encroach outside of the site boundary, this includes the storage area to the north not impinging upon the public footpath.

- RAISED ROAD AREA WITH CELLWEB TREE ROOT PROTECTION (SEE TREE REPORT FOR DETAILS)
- TREE PROTECTION AREAS
- STONED AREAS
- MATERIAL STORAGE
- PARKING AREAS
- SCAFFOLDING
- LOADING BAY
- SKIP FOR GENERAL WASTE
- SKIP FOR PLASTERBOARD WASTE
- SECURITY CAMERA
- SECURITY LIGHTING
- SITE HOARDING 2.4m HIGH
- HERAS FENCING
- TREE PROTECTION FENCING

16.11.2017 - Rev A: Drawing updated to highways constraints



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On-site noise and vibration, the extent of disturbance and the duration of the noise and vibration are not to be a consideration of work. This drawing is the property of Crayfern Homes Limited and may not be copied, altered or reproduced in any way without their written authority.

SITE LAYOUT SITE WIDE ELEMENTS
DEVELOPMENT AT:
251 PAGHAM ROAD
PAGHAM

FOR
CRAYFERN HOMES LIMITED
Scale : 1:200 @ A1 Date : OCT 17
Drawing No : 158.16.10 Rev A