

Construction Environment Management Plan (CEMP)
Land south of Amlets Lane and north of Roberts Way, Cranleigh.



Construction Environment **Management Plan**

CALA Homes South Home Counties Site Office
Land south of Amletts Lane
www.cala.co.uk

Planning application reference :- WA/2014/1038

Construction Environment Management Plan (CEMP)
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Document Name:	Cranleigh Construction Environment Plan.
Document Ref:	CALA Homes SHC CT 001
Revision Number:	Rev - A
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Date 1 st Issue prepared:	14 th March 2016
<u>Revision Status</u>	

Note 1:- This Construction Logistics Plan (CLP) has been produced to satisfy the conditions detailed in Detailed planning permission ref WA/2014/1038 . The Logistics relates to this CMP and the attached narrative and attached site plans.

Note 2:- Document to be reviewed on a monthly basis or as required. On completion of any revisions document is to be formally re-issued.

Note 3:- Any members of the team that believe the document to be incorrect or requires updating should notify C. Traill.

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Health & Safety

The CEMP and information for covering conditions detailed in the planning approval integrates with all other documentation pertaining to CALA Homes overall planning for the project. In accordance with CDM regulations, a detailed strategy for managing Health & Safety (H&S) has been developed by CALA Homes. This document is referred to as the “**Construction Phase H&S Plan**”. This plan is now formally issued and will be held on site for the duration of the project. It will be available at all times during our construction works for inspection if required.

CALA Homes is committed to operating safe, well run sites - see below the management structure of H&S within the CALA Homes SHC Team:-

South Home Counties Managing Director – John Kennedy

Regional Construction Director – Chris Trail

Group Health & Safety Director – Marc Coulon

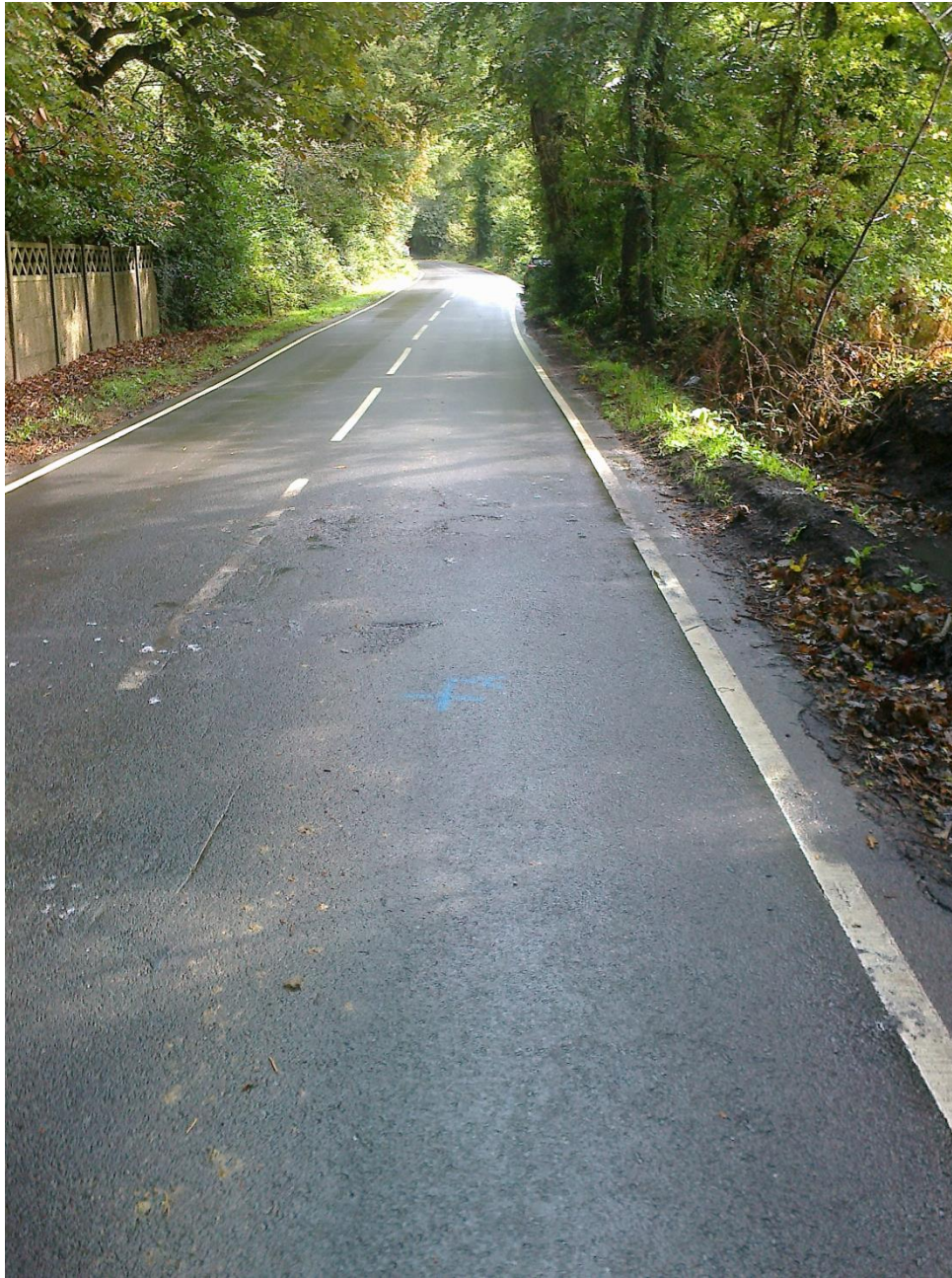
Health & Safety inspector – Steve Morris

Site Manager – TBC

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Site Location and Layout

Photo below shows position of proposed access off Amletts lane.



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See appendix for larger copies and site layout

Image below shows location of development



Project Description and Scope of the Plan

This document has been prepared to describe how CALA Homes SHC Ltd intends to manage the CEMP at the development detailed below:-

Land South of Amlets lane and North of Roberts Way, Cranleigh.

CALA Homes SHC have purchased the above site. There is a Planning permission ref WA/2014/1038 for the erection of 125 dwellings. CALA Homes SHC are now submitting within this document the appropriate information to discharge conditions 5,6,24,25 and 28 of this planning consent.

During the construction period on site CALA Homes SHC Ltd will be the Principal Contractor and will comply with CDM regulations 2015 during the planning and operational phases of the development.

This plan will remain a live document throughout the duration of the project and will be reviewed by the CALA Homes SHC Construction Manager on a monthly basis. Should the document be updated during the project it will be formally amended and re-issued to the site team.

The main aim of this document is to demonstrate that CALA Home SHC will operate in a manner to minimise the impact of our works on the roads directly adjacent to the construction area and the highways in the wider area and local community in and around Amlets Lane Cranleigh

The project comprises of the construction of 125 residential properties.. As such the site is a major/large project and the anticipated volume of construction traffic delivering and collecting from the site will need to be managed to avoid bottlenecks and congestion in the area of the site entrance.. The location of the site and entrances are located off Amlets Lane. This road is a fairly busy B-road and as such the access arrangements into the development will require careful management and timing.

It is a requirement of the planning permission that the entrance in to the development is formed prior to the commencement of the main site works, the installation of this access is covered by a 278 application that is being progressed. The details of the installation of the new access including traffic management are dealt with under a separate application specific to the 278 agreement.

Following the installation of the site access the site will benefit from sufficient space to allow deliveries to be taken into the development prior to off loading.

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In this report a vehicle routing strategy is considered, arterial routes to the site are considered and highlighted and the methodology of managing and enforcing the CEMP is outlined. The delivery and collection of abnormal loads is considered, the location of the vehicle waiting and delivery area's highlighted and given special treatment.

CALA Homes Senior site staff will manage the plan during the life of the project. Any issues arising from mishaps, nuisance or non compliance with the CEMP will be dealt with promptly. CALA Homes site staff will always be available for impromptu meetings to discuss any aspect of the CEMP.

CALA Homes SHC Construction Manager will carry out regular reviews of the document and any further revisions to this document may be necessary.

CALA Homes SHC are committed to ensuring that their operations cause the least disturbance possible to the residents directly impacted by the construction works and the wider community for the duration of this project.

Site Location and Layout

The site is a green field development and is accessed via Amlets Lane, it can be approached from both the North & South.

The site is bordered to:-

North – Field areas and dwellings.

South – Private housing .

East – Large detached properties in substantial grounds..

West – Open farmland and fields.

Access is permitted from both East and West along Amlets lane and due to the location of the development it is not planned to stipulate and place restrictions on direction of access for larger vehicles vehicles.

The location is approx 23 miles from the M25 junction at Leatherhead and 10 miles from Guildford on the A281. As a result the site can be accessed by the motorway network and major A roads.

The site benefits from being 1 mile from Cranleigh main line railway station.

Description of development

The development has planning permission for 125 residential dwellings which will be accessed from Amlets Lane via a site network of unadopted roads..

The properties are generally of traditional construction, although 5 HA units will be constructed as Timber Frame.

- **Site layout – See appendix 1.**

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Planning Permission Ref: - WA/2014/1038 dated 20th November 2014

Please see below a summary of the planning conditions relating to the site and description of those addressed in this construction plan.

Condition 5 and 6:- Construction Environment Management Plan.

The following sections deal with the provisions required.

Section i. The project is planned to start in July 2016 and will take approximately 3 years to complete, it will be developed in two phases, which are split East/West by the middle belt of trees and the main water course.

Section ii. Contact arrangements are detailed on page 19 of the CEMP.

There will be a number of ways that CALA SHC will address this matter as detailed below.

1. SHC Contact details are available on the CALA website.
2. Letters to residents advising of contact details. This includes office main numbers, personnel mobile numbers and email address.
3. The site will have a notice board located on the external boundary near the site entrance. This will provide the name and number of the main site manager on site.
4. The site will be registered with the Considerate Constructor Scheme and details of their contacts and CALA management on site will be clearly displayed at strategic locations around the development.

Section iii. CALA Homes will ensure that all plant supplied to and in operation on the site is in safe working order, is selected on the basis of reduced noise emissions and certification provided. Its operating noise levels are carefully monitored and the site manager will have authority to both monitor and stop activities that produce excessive noise. Regular maintenance of plant will ensure that the machines operating noise will also be reduced.

Details of any static plant needed for the site activities, for example generators or compressors shall be submitted to the LA before installation, to ensure that they will not exceed a level of 10dB(A) below the existing background level (or 15dB(A) below if there is a particular tonal quality) when measured according to British Standard BS4142; 1997 at a point 3.5metres external to the nearest noise sensitive premises.

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BS5228:2009 gives several examples of acceptable limits for construction or demolition noise. The most simplistic being based upon the exceedance of fixed noise limits and states in paragraph E.2:

"Noise from construction and demolition sites shall not exceed the level at which conversation in the nearest building would be difficult with the windows shut."

It also confirms that ;

"Noise levels, between say 07.30 and 18.00 hours, outside the nearest window of the occupied room closest to the site boundary shall not exceed:

- 70 decibels (dBA) in those dwellings on the boundary away from main road traffic and industrial noise;

These limits are for daytime working outside living rooms and offices."

Working adjacent to boundaries especially those having occupied houses will need consideration with regard to potential dust , but also plant noise levels can be reduced by direction of dig/excavation and correct exhaust and baffle mechanisms in place.

Other strategies to consider during the construction phase will include the following measures ;

- any compressors brought on to site shall be silenced or sound reduced models fitted with acoustic enclosures;
- all pneumatic tools shall be fitted with silencers or mufflers;
- deliveries shall be programmed to arrive during daytime hours only.

Care shall be taken when unloading vehicles to minimise disturbance to local residents. Delivery vehicles shall be prohibited from waiting within the site with their engines running;

- all plant items shall be properly maintained and operated according the manufacturers' recommendations in such a manner as to avoid causing excessive noise. All plant shall be sited so that the noise impact at nearby noise-sensitive properties is minimised;

- local hoarding, screens or barriers shall be erected as necessary to shield particularly noisy activities, the site will have the perimeter facing and hoarding erected in the first instance.

- problems concerning noise from construction works can sometimes be avoided by taking a considerate and neighbourly approach to relations with local residents. Works shall not be undertaken outside if the hours agreed with the local authority.

All plant will be recorded in the site register on a weekly basis.

Key items of plant are:-

Forklift

Generator

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Trade hand tools

Crane details:- N/A on this development

Section iv. Short term Floodlighting will be used around the site welfare locations and the site parking facilities and during the winter months along main pedestrian walkways. The lights will be timer controlled and or PIR activated to minimise nuisance, the direction of the floodlighting will be directed away from occupied properties and where possible in a downward direction. These will be 100W lamps in the compound areas supplemented by site floodlights at strategic locations in the order of 200w at around 2.4m height generally.

Section v. The site has provision for parking for site staff, sub contract operatives and visitors. However this will need to be controlled and there may be the need for lift shares to be organised during the busiest periods on site.

It is estimated that the average personnel on site during the construction process will be 80 with the potential for the maximum to be around 140.

The site parking and access arrangements will be discussed fully at all pre order meetings with contractors and suppliers.

The successful contractors and suppliers operatives will then be fully inducted to the site on the 1st day of attendance and will be fully briefed on access to the site and the parking arrangements.

During site inductions the CALA Homes Site Manager will advise personnel of the following:-

Parking:-

Parking on site will be discussed and rules of attending site agreed.

Personnel will be encouraged to lift share and/or to use public transport to attend site.

The site has parking available and this is detailed on the Traffic Mangement Plan appendix 1. This plan will negate the requirement to park on local roads adjacent to the site. Additional parking is also being reviewed and will be installed in areas of the site that are programmed to be commenced in the later stages of the development, this process remains ongoing and this section will be updated in prior to the plan going live.

Public Transport:-

There are numerous opportunities for the use of public transport to gain access to the site.

The site is situated near to Cranleigh and benefits from:-

Overland rail connections

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Cycle network

The use of public transport will be discussed at Pre Order meetings.

Bicycles:-

A secure storage area will be included in the site set up compound area.

All personnel will be encouraged to use bikes for access to site. This is not always practical due to requirement for materials and tools to be transported to the development but encouragement will be given.

CALA Homes encourage all staff to use bikes for transport to and from site and run the "Ride to Work Scheme" to promote this fact. A number of personnel and directors have taken advantage of this scheme and are regular cyclists to and from work.

Subcontract and supplier delivery routes:-

Access is permitted from both East and West along Amlets lane and due to the location of the development it is not planned to stipulate and place restrictions on direction of access for larger vehicles vehicles.

The location is approx 23 miles from the M25 junction at Leatherhead and 10 miles from Guildford on the A281. As a result the site can be accessed by the motorway network and major A roads.

Larger deliveries will be timed to avoid the rush hour period, this will be detailed in all material and subcontract orders and will be policed by CALA Homes site management. Due to the proximity of two schools arrangements will be made to limit deliveries during the peak student movements, site to liase with the schools in the first instance

Deliveries will be accepted as below during hours of work:-

Mon - Friday – 0800hrs – 1800hrs

Saturday – 0800Hrs – 1300Hrs

Sundays and Bank holidays - No deliveries permitted

CALA Homes have a proven track record of working within these types of parameters and are confident in the management of suppliers and contractors in this area.

CALA Homes Site and Project Managers will monitor this area to ensure compliance by subcontractors and suppliers

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At busy periods during the development it will be necessary to time deliveries to ensure that the site and surrounding roads do not become overly congested.

Site Working Hours

The site will operate within the hours detailed in the conditions of the planning permission and as stated within the Considerate Constructors scheme, these are:-

Mon - Fri - 8am - 6pm

Saturday - 8am - 1pm

Sundays & Bank Holidays - No working permitted

It is CALA Homes policy to work within the hours stipulated above. However should works be required to be completed outside of these hours they will be addressed on an individual basis and if required notification to Waverley Borough Council and the local community will be made to seek agreement prior to progressing operations. In addition to this a letter drop will be compiled and delivered to all the required residents detailing the work that is to be carried out with an emergency contact number of a member of CALA Staff.

Example activities that could be required outside working hours detailed above & delivery hours noted below:-

- Removal of large quantities of subsoil during 1st phase of works will require HGV vehicle use outside of hrs detailed below.
- Delivery of large items of plant i.e. – Excavators and cranes..
- Delivery of large material elements requiring overnight transport to site to avoid traffic disruption. i.e. - large roof truss elements and concrete floor beams.
- Work within the dwellings that causes no noise disturbance to the local community i.e. - painting and decorating
- Emergency site attendance i.e. - security issues, service issues.

Site Delivery Hours

Mon – Fri 0800 – 1800hrs

Sat & Sun 0800 – 1300hrs

Deliveries arriving outside these hours without authority from the Site Manager will be turned away and asked to return during the hours detailed above.

*In certain instances it may be required to complete deliveries outside of the stipulated delivery hours. Examples could be large plant

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deliveries such as Crane or concrete floor deliveries. These deliveries are permitted if authorized in advance by the Site Manager.

Control of delivery vehicles

1. The CALA Homes Site Manager will be fully inducted by the CALA Homes Construction Manager to the content of the CEMP. This induction will be recorded in the CEMP document. During the induction the access and egress of delivery vehicles and specifically HGV's will be reviewed fully and the details laid out below agreed.
2. Delivery vehicle waiting area to be kept clear at entrance to development. The waiting area will be clearly identified.
3. Signage will be erected at the entrance to the development. This signage will instruct delivery drivers to :-
 - All delivery drivers must park vehicle in delivery waiting area.
 - All delivery drivers are to phone the Site Manager before entering the site access road.
 - All HGV's entering the site must do so under supervision of site staff.
 - All HGV's leaving the site must be banked out onto Stane Street. At no time should vehicles exit the site without supervision.
4. The access arrangements will be monitored during site visits completed by both the CALA Homes Construction Manager and the CALA Homes H&S Manager. Should problems be encountered with the access arrangements to the site the CEMP will be updated and re-issued to record any changes made.

Section vi.

The building will be constructed using a wide range of construction materials, concrete, steel, bricks, blocks, timber and internal finishing's, all the usual materials normally associated with a building of this classification. Accurate design information, material specification and drawings in an electronic format are produced for all the building layouts, elevations and building components. This enables the buying department to specify precisely what materials are required on site. This exercise reduces over ordering, off cut wastage and re working. The detailed drawings prepared by our design team and consultants are provided to our subcontractors to allow them to order materials in the same way. Subcontractors then supply drawings to CALA Homes

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for approval to achieve the same benefits as detailed above for the material they then supply.

Storage

CALA Homes operate a "Material Protection Policy", this policy is detailed in each Site Managers detailed manual and is displayed in all site offices.

Materials are stored on site in a way to prevent the likelihood of damage which would otherwise become waste. Due to limited storage space on site our site team and subcontractors are encouraged to operate a "Just in Time" delivery process. This limits the amount of materials stored on site and ensures that materials being used are in the best possible condition.

The CALA Homes Site Manager is responsible for the protection and presentation on site. Toolbox talks are to be held on a regular basis to promote best practice in this matter. Regular production meetings will be held on site and this matter will be discussed. Contractors not adhering to our presentation requirements and/or the material protection policy will be reprimanded and then charged if they do not comply with our requirements and their duties in this area.

Construction Type and Method

The buildings are to be constructed using traditional construction methods. Details listed below:-

Foundations - concrete strip foundations

External walls - Brick and block

Ground Floors – Concrete block & beams supported on load bearing walls & steel.

1st Floors – Engineered timber

Roof structure – Engineered timber truss and loose cut infill.

External and internal finishing's - Traditional materials.

Communication and Managing Change

Throughout the development there may be changes made to the product for a number of reasons.

CALA Homes operate a policy where the site team hold a Project Team Meeting (PTM) on a monthly basis. During these meetings all aspects of the build are reviewed and discussed.

Changes that are made at any stage of the build are notified to the team during the PTM and recorded within the PTM minutes.

It is the responsibility of the Construction Manager to ensure that any changes made are notified to the construction team.

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It is extremely important for the build programme, waste and therefore cost control that any changes are thought through fully before being made and implemented.

Section vii.

Plant & Equipment

CALA Homes will ensure that all plant supplied to and in operation on the site is in safe working order.

All plant will be recorded in the site register on a weekly basis.

Key items of plant are:-

Forklift

Generator

Trade hand tools

Crane details:- N/A on this development

Supply Chain Management

We recognise the potential impact of our development on the local community and the environment so we encourage and challenge our supply chain to provide a better service giving consideration to the impact of their traffic movements on the community local to the development and the wider area.

Existing and potential suppliers will be advised of the all restrictions relating to this development prior to order placement, see summary below:-

- All HGV vehicles will access the site via the A29
- Delivery drivers must contact the site manager prior to arrival on site to confirm access is available
- No deliveries to site prior to 8am
- Preferred transport routes must be adhered to
- Waiting locations to be determined.
- Potential trailer parking points to be determined.

Many of the suppliers and subcontractors will have been used by CALA Homes in the past, however there will be contractors and suppliers that are new to CALA Homes and effective communication will be required in these cases.

Local Suppliers

We aim to use suppliers and contractors that are based locally to the development.

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This not only benefits CALA Homes by reducing transport costs and costs to operatives and therefore our overall build costs but can also reduce the total amount of traffic movements through the area during the project.

This area is an ongoing part of the plan from planning through to completion

Section Viii.

The existing housing boundaries will be checked for security and any independent gated access will need to be closed with the co-operation of the existing residents. At other areas of the site boundary a combination of 2.4m hoarding or 2.4m chain link fencing will be considered and erected and maintained.
, under H7S guidelines.

At the entrance to the site a branded hoarding will be installed at the outset to secure the site and to provide a background for site information and contact details, a gate will be set sufficiently far in to the site to allow a lorry to park in front without hindering passing traffic.

As the site develops this construction hoarding will be moved to suit phased occupation and to secure the working and active part of the site.

Public viewing locations are not necessarily a practical consideration for this development, although the main gates will be mesh only for security and wind considerations and at some points to the West boundary the chain link will afford some site viewpoints.

Section ix. At the exit of the site on to Amlets Lane a wheel washing facility will be provided, this will be operated and maintained by a Gateman stationed at this junction. A cattle grid arrangement to contain debris and mud will be constructed, this will be supplemented with regular visits from site road sweepers to ensure deposits are cleaned from Amlets Lane should this arise. Any small droppings will be dealt with by the Gateman. Where possible as much of the site roads and infrastructure for Phase 1 will be constructed at the outset to limit the access and egress of vehicles from driving on parts of the site without hardstand or tarmac.

Section x.

During the Construction phase of works, steps will be taken to reduce noise and dust. This will be in accordance with:-

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- 1) CALA Homes Construction Phase H&S Plan
- 2) Trade specific risk assessments and method statements. RAMS
- 3) Waverley Borough Council Environmental Health and Building Controls Enforcement Policy Section 60 of "The Control of Pollution Act 1974"
- 4) Trade specific Risk and Method statements

This will include:-

1. Adherence to site working hours.
2. Water suppression of dust during material cutting, road sweeping vehicle loading and unloading.
3. Burning is strictly not permitted
4. Installation of site fencing to boundaries and including temporary site hoarding to reduce noise nuisance.
5. Radios not permitted for use externally.
6. Liaison with site neighbours to monitor areas of concern.

Dust and dirt mitigation measures. Due to the nature of the site ground conditions and that there are no demolition works to be completed it is expected that the potential for production of dust will be greatly reduced. However dust control measures will be used as required under H&S Approved Codes of Practice ACOP, these will form measures as detailed below:-

1. Water dust suppression will be used on roadways during dry periods and should large vehicle numbers be required.
2. Water based dust suppression will be used for all cutting processes.
3. Fencing will be installed to boundaries with adjoining residential properties.
4. Should weather conditions required water "Misting" generators will be installed as required on or near boundaries to stop dust migration off site.

All of the above will be monitored as part of the ongoing site management duties and during H&S inspection.

The Construction Environment Management Plan integrates with all other documentation pertaining to CALA Homes overall planning for the project. In accordance with CDM regulations, a detailed strategy for managing Health & Safety (H&S) has been developed by CALA Homes. This document is referred to as the "Construction Phase H&S Plan". This plan will be formally issued and will be held on site for the duration of the project. It will be available at all times during our construction works for inspection if required.

CALA Homes is committed to operating safe, well run sites.

CALA Homes will appointed contractors to complete all aspects of works. Prior to any works commencing detailed Risk Assessments and

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Method Statements will be requested from all contractors and no works will proceed without H&S approval.

Risk Assessments and Method Statement documents will be reviewed by our H&S Manager Steve Morris and works will not be permitted to commence prior to this approval.

CALA Homes Environmental policy statement Appendix 3

Section xi. CALA Homes SHC Ltd consider a Recycle Reuse and Reduce policy for all developments. This is considered with each tender package and reinforced at site inductions and pre-start meetings with sub-contractors and suppliers.

CALA Homes endeavour to reduce waste at all times and materials that can be re-used are detailed below:-

- Hardcore produced following demolition to be retained on site for hard standing's and roads. This will drastically reduce the traffic movements to and from site during demolition and groundwork' phases.
- Excavated materials from groundwork's are re-used on site, this is considered at the design stage.
- Topsoil to be stripped from site prior to groundwork's and stored for re-use on completion of site.
- Segregated skips used on site
- Plasterboard waste to be collected in specific skips/bags and returned to supplier for re-use into similar products.
- Excess materials remaining on site will be stored until sufficient quantities are on site to allow cost effective removal to other CALA Homes developments.

The Construction H&S plan and the induction controls will at all times be available in the site office for inspection / review at any time.

CALA Homes review each site individually to put in place the best possible waste management system for the specific development.

The review of each site is to:-

- Minimise the waste produced by design
- Minimise waste by correct placement of material orders
- Re-use of produced waste on site i.e.
Hardcore produced from demolition to be re-used on site for hard standings and roads.
Levels designed on site to reduce the need to take materials away from site.
- Recycling of waste materials.

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CALA Homes will place an order for skips with a contractor that fulfils the requirements of our SWMP.

The appointed skip supplier will need to demonstrate that they will recycle greater than 90% of the waste that is produced by our works. The details of the recycling will be recorded on a monthly basis and recorded in the SWMP.

Details to be updated prior to site start as below:-

Demolition Contractor details:-

N/A

Groundwork's Contractor details:-

TBC

Skip supplier: - TBC

Address –

TBC

Certificate of Registration –
Environment Agency

Registration Number –

TBC

Site permit Number –

TBC

Landfill site –

TBC

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Storage of potential groundwater contaminants

All fuels and other potential pollutants will be stored as specified under H&S guidance and as detailed in COSHH statements.

1. Diesel fuel will be stored in bunded tanks in a safe and secure compound.
2. Paints will be stored in secure containers and not in such quantity that large scale pollution could occur.
3. Gas will be stored in secure storage cage in secured compound.

At this time there is not expected to be any other large scale materials held on site that could cause pollution risk. If this situation changes the CEMP will be updated.

During the construction phase there can also be pollution caused by water run off. This will be monitored and if required holding ponds will be installed to retain sediment.

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Freight Operator Recognition Schemes (FORS)

Although this development falls outside the area where this is required we will promote the scheme by way of this CEMP to encourage good practice.

FORS is a free membership scheme that is helping van and lorry operators in London to be safer, more efficient and more environmentally friendly. It is a requirement for all suppliers and haulage companies to register with the Freight Operator Recognition Scheme administered by Transport for London TFL

CALA Homes recognizes that FORS:

- Creates safer drivers - which significantly reduce collisions.
- Will encourage suppliers to improve in fuel economy associated with our project.
- Provides a system to identify “at Risk” drivers, allowing CALA Homes and our suppliers to target training and incentives effectively.
- More certainty with deliveries and collections
- Promote less journeys to and from site

We will include this requirement in our pre qualification process when placing subcontract and material orders.

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Condition 24 and 25.

Traffic Management

No operations involving the bulk movement of earthworks or materials to and from the development site shall commence unless and until facilities have been provided in accordance with the scheme so far submitted to and approved in writing by the Local Planning Authority to so far as is reasonably practicable to prevent the creation of dangerous conditions for road users on the Public Highway. This approved scheme should be retained and used whenever any such operations take place.

These measures are described within this document and are bound by active vehicle control in stipulated times, gateman and banksman at entrance to site, wheel washing measures and supplemented if necessary by road sweepers and a policy of constructing the roads and sewers to each phase to provide clean dry hardstands and one-way traffic routes as shown on the attached Master Plan ...Appendix One.

Safe Loading / Unloading areas / Tower Crane

All loading and unloading areas are off the adjacent roads and are contained within the development. These areas are detailed on the construction phase traffic management plan. See appendix 1

Gate Proposals and Management of Access

The details for this section are shown on the construction phase traffic management plan - appendix 1

Pedestrians

CALA Homes is fully aware of the risks associated with having public access running past the front of the entrance gate.

Pedestrians will be given specific consideration in the area of the main gates.

Pedestrian routing will be put into place to take residents and other pedestrians away from the construction entrance.

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Marshalling of pedestrians will be undertaken when large deliveries arrive and leave the development area.

Details of site specific pedestrian routes are detailed on the construction phase traffic management plan. See appendix 1

The pedestrian footpath is also addressed as part of the section 278 agreement.

Estimate of Total and Average Vehicle Movements

The total and average numbers of vehicle movements has not been requested by HDC and as such it is not addressed within the CEMP; it is however of relevance to the traffic management of the development and as such will be controlled by the site team to avoid potential bottleneck periods in the area of the site entrance.

Abnormal and/or special Loads

At this time there are not expected to be any abnormal or special loads that will require specialist transport onto the development.

The working drawing package is in progress at this time and when complete it will be reviewed fully by the construction team and this section of the CLP will be updated as required.

Load Booking and Management Scheme

The location of the development is directly accessed from main roads and arterial routes.

The Site Manager will produce a weekly programme of deliveries. A draft of this programme will be presented and discussed at the weekly trade production meetings to ensure that the proposed delivery schedule meets with the programme requirements but will not impose traffic bottlenecks within the Stane Street or surrounding A & B roads.

When material call offs are made it will be made clear in this call off the time window for the requested delivery. The delivery times for the development are:-

Mon - Fri - 8am - 6pm

Saturday – 8am – 1pm

Sunday and Bank holidays - No deliveries.

Time slots will be allotted within these daily delivery windows and it will be the role of the Site Manager to arrange and agree specific times within these periods.

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The subcontractors and suppliers will be notified of the need to adhere to the details listed above and it will be highlighted that this efficient way of controlling deliveries to site will be both beneficial to the production and control on site and also the efficiency of the vehicles making the deliveries.

Avoiding Peak Hour Deliveries

As stated in previous sections the site will not accept deliveries before 8am and after 6pm Mon - Fri.

It will be made clear in all material orders and call offs and vehicle arriving on site outside of this window will be turned away from the site. It has been found by experience that a lorry turned away from the site will send out the required signal to the supplier and this situation does not then commonly re-occur.

In certain instances it will not be possible to avoid out of hrs deliveries and /or peak hr deliveries. In this situation these deliveries will be agreed with the site manager prior to arrival.

Maintenance and upkeep of site access road and approach roads

Condition 24 and 25 additional items not covered elsewhere;

Road Condition Survey:-

It is highlighted that the works will result in substantial movement of heavy vehicles on Stane Street. A photographic survey has been completed and a copy of this survey will be submitted with the Rev A CEMP to Waverley BC . This survey will consist of a visual inspection and a photographic record of the Roads, Verges & Margins of Stane Street in the vicinity of the site.

Highway Cleaning:-

The site access road will be paved for the duration of the construction process to avoid spoil being carried on to the public highway, Stane Street.

Should spoil or other debris be carried onto Amlet Lane it should be removed immediately, if required a road sweeper should be used to keep the road in a suitable condition on a daily basis.

A jet wash station will be set up by the site access gate to clean wheels before vehicles leave the site and enter Stane Street. This station will be detailed on the site "Traffic Management Plan". Should the proposed jet wash solution be unable to cope with wheel cleaning due to a

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longer period of inclement weather a more substantial wheel wash facility will be installed on the development. It is though our practice on this size of development to ensure that vehicles attending the development are controlled on surfaced and maintained roads to avoid the necessity for intensive wheel cleaning.

Considerate Constructors Scheme

The site will be registered with the Considerate Constructors scheme and the associated paperwork can be located in the site office.

CCS will complete as many as 5 inspections/audits of the site during construction; the details of each of these inspections will be included in the CEMP

Information Boards

This section is to be reviewed.

CALA Homes will keep residents in the local community advised of progress on site and special activities that should be noted.

This will be done by:-

- Letter drops
- Resident association meetings
- Emails to the resident associations chairman
- Notice board in the location of the site entrance

Monitoring

Monitoring and reviewing of the procedures proposed in this plan will be carried out monthly or as required during Health & Safety inspections carried out on site.

The Construction Manager will review the health and safety reports and then review all site activities on a monthly basis. Changes required to the plan will be made at this time and the plan then re-issued to site and Horsham District Council.

Risk assessments

Risk assessments are held within the Construction Phase H&S plan and other associated Subcontract Method Statements and Risk assessments.

Examples of the above can be submitted to HDC if required or reviewed on site during the construction phase.

Appendix 1 – Traffic Management Site master Plan.