

ST WEONARDS

Construction Environmental Management Plan

Produced by



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Site Management Arrangements

Personnel on-site to include full-time Site Manager and Forklift Driver.
An Assistant Site Manager, Banksman, Ecologist, Labourer to be employed as and when required and/or any other personnel. All site personnel to adhere to site rules set out in Appendix 2

Safety and Welfare Legislation

All work must be carried out in strict compliance with all current Safety and Welfare Legislation. The regulations that currently apply to any work carried out as follows:

- The Construction Design and Management Regulations 2015
- The Management of The Health and Safety at Work Regulations 1999
- The provision and Use of Work Equipment Regulations 1998
- The Control of Substances Hazardous to Health Regulations 2002
- The Noise at Work Regulations 2005
- Confined Spaces Regulations 1997
- Personal Protective Equipment Regulations 1992

The list above is not exhaustive and those planning and carrying out work may need to consider requirements stated by other regulations

Site Working Hours

Site hours Mon-Fri 07:30 – 17:30

Site Hours Sat 07:30 – 16:00

Site Hours Sun/BH No working

Site Security

The site will be securely fenced using Heras type fencing. Access will only be allowed to site staff through a single gated access. This access will remain closed at all times when not in use. During periods of use the entrance will be manned using a Banksman who will not only ensure that vehicles using the entrance are safely manoeuvred into position but maintain a watching brief for other people/vehicles in the vicinity.

Identification and Removal of Hazardous Materials

During the construction phase any hazardous materials identified will be isolated and placed in a specific within the waste management area. If necessary the area will be fenced while in storage. The hazardous material will then be removed from site to a registered tip.

Delivery, Installation and Removal of Materials, Plant and Equipment

All deliveries and removal of materials and plant will be completed during the normal hours ie 07:30-17:30hrs. The only time this may alter is if an item of plant has been damaged and requires immediate removal from site. It will be the intention of the site and procurement staff to co-ordinate as far as is practicably possible the delivery of materials so as to avoid sudden increases in traffic flow. The deliveries will be distributed throughout the day and will be delivered to the site compound the purposes of storage as required

Abnormal Deliveries, Craneage Etc

A limited number of activities will require special arrangements with regard to maintaining access and ensuring the safety of others. Where cranes or exceptional loads are required on site an additional volume of planning will be required to ensure that disruption is kept to a minimum for all involved. This may mean that the residents will need additional warning and where lifting activities are involved a mechanism for ensuring that the public cannot stray into the working area and that the timing is such that the delay issue is kept to minimum.

Welfare Arrangements

The welfare will be located within the site compound as per appendix 1. It will conform to the guidelines detailed in HSE Document 18. Facilities to include the following:

- Toilet block
- Canteen with kettle, microwave, drinking water and refrigerator
- Drying room
- Site office
- Meeting room
- Hot running water

It is the responsibility of the site manager to monitor the cleanliness of the welfare and appoint a competent person to clean the canteen on a daily basis.

Waste Management Plan

Site waste management area to be established to control the segregation of the following waste streams:

- Inert
- Plasterboard
- Metal
- Timber
- Light Packaging/Plastics
- Hazardous Waste
- Non-recyclable

Licensed waste management contractor to be appointed to remove waste streams from the development and provide recordings of quantities for each stream

Wheel Washing and Road Sweeping Arrangements

During the Initial Groundwork's lorries and other vehicles coming onto the site will be washed on the way out using a wheel wash. A jet wash and water bowser facility shall be in place to clean the wheels and underside of vehicles at all times as they leave the site.

The wheel wash facility will be located close to the site entrance/exit, however will be changeable as the site progresses through the build phases. All vehicles will be visually inspected prior to leaving the site.

The site manager shall check the immediate highway vicinity on a daily basis to observe the effectiveness of this system, and take remedial action if necessary.

Road sweepers will also be mobilised to act as an additional cleaning method to ensure the cleanliness of the local area highways during the early stages and periodically up until the completion of the construction works.

Landscape and Visual Mitigation

This section outlines the specific design and mitigation measures which will be implemented during the construction period in order to limit landscape and visual impacts.

- Land / vegetation clearance will be limited to the minimum necessary to facilitate the works.
- Temporary protection of retained vegetation that are to be retained shall be undertaken in accordance with best practice guidance BS: 5837 (see

further details in Ecology section below). A tree protection plan will be required to be prepared in advance of any site clearance and construction works.

- Temporary storage of soils and other material considered of value for retention. All stockpiles shall be inside the site, not under the canopy spread of existing trees, and with no steeper than 1 in 3 sides.
- Construction areas will be laid out to minimise adverse landscape and visual impacts arising from temporary structures, construction activities and lighting;
- Use of artificial, construction site lighting outside construction working hours will be restricted to the minimum necessary for workforce and public safety, and for security. Directional luminaires will be used to limit unwanted light spill;
- Regular maintenance will be undertaken to ensure tidy and contained site compounds;
- The removal of all temporary structures and stockpiles when no longer required, and prompt reinstatement of construction areas to agreed final surface treatment will be carried out;
- Return of all agricultural land required temporarily during construction back to the landowner in an acceptable condition
- Advanced planting/landscaping will be undertaken, where possible, for example with any translocation of hedgerows; and
- Consideration will be given to phased implementation of the planting works with the entrance structure planting and planting around the site boundaries undertaken as early as possible in line with the build programme to provide early screening and habitat benefits.

Noise and Vibration

This section identifies the mitigation measures required to alleviate the potential noise impacts arising from construction of the Proposed Development.

Noise and Vibration Management

The following mitigation measures, will be applied to reduce the noise breakout from the construction activities:

- Careful selection of demolition/construction methods and plant to be used;
- Switching off plant and vehicle engines when not in use;
- Restriction of drop heights onto lorries;
- Regular maintenance and servicing of vehicles, equipment and plant;
- Appropriate handling and storage of materials;
- Appropriate operational hours (see site working hours above);
- Enforcement of restricted working hours for excessively noisy activities; and

- Implementation of an appropriate traffic management strategy.

In addition to the above, reasonable steps should be taken to keep the local community informed of proposed construction operations.

Air Quality and Dust

This section identifies the mitigation measures required to alleviate the potential impacts on air quality arising from construction of the Proposed Development. The construction works will be carried out in such a way that emission of airborne pollutants including dust and odours are minimised and managed by best practicable means. The proposed measures are outlined below.

Air Quality Management

- Plan site layout so that machinery and dust causing activities are located away from receptors, as far as possible.
- Fully enclose site or specific operations where there is a high potential for dust production and the site is active for an extensive period.
- Keep site fencing, barriers and scaffolding clean using wet methods.
- Remove potentially dusty materials from site as soon as possible.
- Ensure all vehicles switch off engines when stationary.
- Only use cutting, grinding and sawing equipment with dust suppression equipment.
- Ensure equipment is readily available on site to clean up spillages of dry materials.
- No on-site bonfires and burning of waste materials on site.
- Ensure water suppression is used during demolition operation.
- Ensure sand and other aggregates are stored in bunded areas and are not allowed to dry out, unless required for a particular process.
- Ensure bulk cement and other fine powder materials are delivered in enclosed tankers and stored silos with suitable emissions control systems.
- Avoid dry sweeping of large areas.
- Ensure vehicles entering and leaving the site are covered to prevent
- The site access gate to be located at least 10m from receptors where possible.

Ecology

Ecologically Sensitive Habitats and Features

Desk study and field surveys of the Site have been completed by qualified and experienced ecologists. All habitats within the proposed works area and immediately adjacent to the proposed scheme footprint have been mapped. Walkover surveys have assessed the Site for protected species.

Fencing Protection During Construction

Protection will be provided to create physical separation between construction operations and ecologically sensitive areas. Heras fencing will be used around each phase of development to limit working areas and plant/machinery to the phase under construction within the site.

Construction Lighting

Use of artificial, construction site lighting outside construction working hours will be restricted to the minimum necessary for workforce and public safety, and for security. Directional luminaires will be used to limit unwanted light spill.

Breeding Birds

All breeding birds are protected under the Wildlife and Countryside Act 1981 and avoidance of disturbance during the breeding season is required.

- Vegetation clearance of scrub, trees and hedgerows should preferably be undertaken in the autumn and winter (October to February inclusive) outside the bird breeding season (which is generally March to September inclusive).
- For site clearance works that cannot avoid the breeding season, the area affected will be searched for signs of nesting activity by a suitably qualified ecologist. Works will not proceed until any nesting activity is deemed to be over. A suitable exclusion zone to prevent disturbing nesting birds from vegetation clearance will be imposed by the ECoW.

The suitably qualified ecologist will be appointed by the ECoW. If active nests are recorded the ECoW will monitor the nest and will report to the site manager when breeding has ended, and the nest exclusion zone can be withdrawn to allow vegetation clearance to proceed.

Appendices

1. Build direction and Site Setup Plan
2. Site Rules

Build Direction



Appendix 2

Site Rules

- Care will be taken to ensure that the vehicles associated with the works do not block or impede local roadways
- The works will be carried out with the minimum of noise and inconvenience to nearby buildings
- The works shall comply with the BS 5228 and Control of Noise at Work Act 2005 so far as is reasonably practicable and the Contractors shall keep in constant dialogue with the Client regarding noise levels and any other restrictions.
- The site shall be deemed a hard hat area and enforcement will be made in accordance with the Construction (head protection) Regulations 1989 to ensure that all employees and visitors adhere to this ruling.
- The site is to be kept clean and tidy at all times.
- Smoking is only permitted in designated areas.
- Fires are not permitted on site.
- Mobile telephones can only be used when it is safe to do so and not when operating plant and machinery.
- Radios allowed but at levels to not cause a nuisance to existing residents.
- Children are not allowed in any of the work areas and must remain in vehicle cabs if accompanying delivery drivers. This practice, though should be dissuaded.
- Any persons found damaging or vandalising any plant, materials, welfare facilities or safety equipment must be removed from the site immediately.
- Contractors are responsible for ensuring they have adequate fire protection and fire fighting equipment for their site accommodation and working areas and have a fire risk assessment for the project completed which must be reviewed at intervals as the site dictates.
- Contractors are to ensure that no contaminants are discharged into the water courses.
- Contractors will not display any advertisements on site without the permission of MFF.
- Contractors shall not use the site for any other use other than carrying out the works.
- Suitable personal protective equipment must be worn as needed to suit relevant activities within the site area, including safety helmets, protective footwear, overalls, high visibility tops, safety boots, gloves, goggles, hearing protection, and respiration protection, as required by risk assessments, but helmets, boots, and hi vis vests must be worn at all times.
- Suitable personal protective equipment including respiration protection, gloves, goggles, and disposable/washable overalls must be worn as appropriate within any area defined as contaminated.

- Only persons who have received specific training will be eligible for authorisation to erect, modify, or adapt access platforms, scaffolds, handrails, ladders etc.
- Only trained authorised operatives will be permitted to operate mechanical handling plant.
- Only approved contractors are permitted to work on or remove asbestos containing materials.
- All operatives working on MFF projects must hold a valid CSCS.
- All Site Managers on MFF Projects must have attended a SMSTS course