

Supporting Statement for Construction Management

Land to the South of Sundown Littleheath Road Fontwell BN18 0SR

The text below shows a pre-commencement condition Arun District Planning wish to impose on the application. The following text and associated drawings provide information to cover this requirement during the application process. The numbering sequence matches that of the image below, which is taken from the consultee response.

Construction Management

No development shall take place, including any works of demolition, until a Construction Management Plan has been submitted to, and approved in writing by, the Local Planning Authority. Thereafter the approved Plan shall be implemented and adhered to throughout the entire construction period. The Plan shall provide details as appropriate but not necessarily be restricted to the following matters:

- a) An indicative programme for carrying out of the works;
- b) Details of the arrangements for public engagement / consultation both prior to and continued liaison during the construction works;
- c) Measures to minimise the noise (including vibration) generated by the construction process to include hours of work, proposed method of piling for foundations, the careful selection of plant and machinery and use of noise mitigation barrier(s);
- d) Details of any floodlighting, including location, height, type and direction of light sources and intensity of illumination;
- e) The parking of vehicles of site operatives and visitors;
- f) Loading and unloading of plant and materials, including permitted times for deliveries;
- g) Storage of plant and materials used in constructing the development;
- h) The erection and maintenance of security hoarding including decorative displays and facilities for public viewing, where appropriate;
- i) The provision of wheel washing facilities and other works required to mitigate the impact of construction upon the public highway (including the provision of temporary Traffic Regulations Orders);
- j) Measures to control the emission of dust and dirt during construction;
- k) A scheme for recycling / disposing of waste resulting from demolition and construction works i.e. no burning permitted.

Reason: To protect the amenity of local residents in accordance with Policy QE SP1 of the Adopted Arun Local Plan 2011 – 2031

- a) Indicative construction programme which covers the main construction period. Please note this is subject to change due to inclement weather and the supply of labour and materials. (Refer to separate document.
- b) The Contractor has already spoken to the immediate neighbours and the applicant has spoken to the wider neighbours over the past few weeks about the proposed construction of the new residential dwelling. The contractor is very familiar to the area and has engaged with a number of the local residents.

- c) Under the HSE Regulations the Contractor has a due of care to not only his staff and workforce but also to the wider audience. The HSE Health and Safety in Construction HSG 150, CDM 2015 Regulations and The Absolutely Essential health and Safety Toolkit INDG 344 are key documents which the contractor will have available to guide him through the General precautions to be undertaken include (but not limited to) the following

The contractor proposed for the construction of the dwelling is well acquainted with working in residential areas on dwelling houses.

The process for each construction activity would be assessed under:

Identification – Assessment – Prevention – Control.

Noise assessment would normally be covered under a RAMS assessment, which identifies the construction process and any mitigating measures to ensure both the workforce and neighbours are protected from risk, be it noise, dust, heights, movements etc.

1. Using current / new machinery, rather than older equipment. All noisy equipment shall be assessed and property maintained and silenced where possible.
2. Tools are correct for the job in hand and sharp enough to perform correctly
3. Assess the work in hand be carried out using different methods to eliminate or reduce noise to all (within RAMS)
4. Noise protection barriers erected for local noisy work
5. Any noisy works are carried out during generally acceptable times during the day.
6. Adjoining neighbours are suitably advised on any excessively noisy site activities that are unavailable
7. Staff are trained to identify noisy activities and review process if necessary

As the project involves piling to the lower chalk through possibly loose or dense gravel and silts, a CFA pile is proposed rather than a bottom driven pile, therefore limiting or eliminating any vibration through the soil along with the airborne impact noisy. Final choice of equipment will be at the discretion of the appointed contractor and following his RAMS assessment given the locality of the site and the prevailing HSE Regulations on noise to neighbours and construction staff.

Effective noise control which is reviewed under the RAMS appraisal for each activity

- Quieter Equipment
 - Modifying Existing Old Equipment
 - Barrier Protection
 - Maintenance
 - Noise Perimeter Zones
 - Work Activity Scheduling
- d) No external flood lighting is proposed during construction. Any construction lights will be limited to LED lights internally to aid works. These will be turned off at the end of each working day
- e) For parking of construction vehicles please refer to drawing No 000000000.
- f) For loading and unloading during construction please refer to drawing No 000000000.
- g) For storage of plant and materials used during construction please refer to drawing No 000000000.
- h) The Western boundary currently has a 1.8m high timber panel fence. This fence is to be retained during construction. Heras fencing will be provided behind the existing access gate at time when the site is closed. At some stage during the construction the existing gate position will be relocated to the position of the proposed gate. This will again have a heras protection fence when the site is closed
- i) Provision of Wheel Cleaning and access road cleaning

Prevention of debris onto the public highway.

In order to ensure that the highways are kept clear of mud and debris it is intended to ensure the Contractor will implement the following site procedure.

- Prior to departure from site all vehicles are inspected for mud and debris on the wheels and under the vehicle chassis
- All loose mud and debris is either dry brushed off or in extreme cases jet washed off the vehicle. Jet washing is only being used in extreme cases as this operation in itself creates more mud and mess for the forthcoming vehicles.
- All loads leaving the site are also checked to ensure that they are well below the top rim of the storage area for the vehicle or skip.
- Should any mud or debris reach the highway this will be removed immediately by brush or shovel, depending upon extent. This operation is reviewed following departure of the vehicle.
- A contract with an approved road Sweeper or similar organisation will be implemented by the contractor to ensure any mud deposited on the road from the site within a wider area of the site is also cleaned up efficiently. This will also apply should manual sweeping not be effective, following inclement weather.

- j) Measures to control emission of dust & dirt during construction is to be a 3 phase approach
1) Prevention, 2) Suppression and 3) Containment

Prevention:

- Review of construction method statements that generate dust
- Prepare RAMS ahead of dusty works
- Pre-plan dusty works
- Instruct staff.
- All staff to be trained accordingly.
- Limit on site cutting activities
- Use pre cut or pre manufactured elements
- Erect effective barriers around dusty activities
- Effective wheel cleaning prior to site departure
- No bonfires
- Ensure machinery is not left idling when not in use.
- Record dusty activities
- Learn from dusty activities and adjust method statements as works progress
- Erect dust barriers to open areas
- Dampen down access and dusty areas
- Clean up work areas
- Ensure highway is clear of mud and debris - Refer to (i)
- Use the right tool for the job

Suppression

- Use water as dust suppressant where applicable.
- Use air extraction equipment when cutting items that are water susceptible
- Limit dusty cutting exercises on upper scaffold areas

Containment

- All loads leaving site to be covered.
- Ensure all stock piles of loose material are covered or bagged
- Cover site located skips

General guidance for controlling emission of dust during construction is contained within the HSE Guidance Notes and **Construction Information Sheet No 36 – Construction Dust**

There is no demolition involved in the works

- k) Recycling / disposing of waste as a result of construction works. The management will depend on the type of material and the construction operation and prevention is better than disposal.

Best Practice: Reduce – Re-use – Recycle - Dispose

Prevention (Reduce – Re-use – Recycle)

- Review construction method statements to inform on potential product wastage
- Contractor to prepare a site waste management plan prior to commencement of works based on the projects elements of work
- Pre-plan works to minimise any wastage of materials
- Order sufficient material for project
- Ensure correct storage of products to avoid damage, deterioration

- Use pre-manufactured elements where possible
- Prepare a waste management strategy and site protocols (Contractors internal management)
- Train staff on waste management with onsite training and direction
- Toolbox talks on wastage
- Use trained staff for activity
- Signage for waste and recyclable materials
- Carry out works in the correct order
- Audit amount of site wastage
- Minimise movement of materials
- Plan for inclement weather with deliveries
- Engage with waste contractors (right container for right product)

Waste Provision (Dispose)

- Provision of separate containers for differing materials
- Plan ahead for change containers when full
- Stockpile loose materials in manageable piles with separation
- Re-use material where possible either on-site or another project
- Return unwanted / unused products where possible
- Ground works (where possible) Use cut and fill exercises
- No site burning is allowed