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Our Ref: 20/718/03
January 2020

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

FOR:

MR JORDAN WHEAWALL

ERECTION OF DWELLING AT PARADISE NURSERIES, CHEADLE ROAD, WINNOTHDALE, STAFFORDSHIRE, ST10 4HX

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1.0 INTRODUCTION

1.01 General

The purpose of the construction management plan is to prevent indiscriminate parking and obstruction of the highway during construction phase of the project. It sets out proposed measures to minimize and mitigate the impact on the community and controls the ways the site is managed. The management plan will be constantly reviewed during construction and is subject to change.

Should the appointed contractor propose any new changes to the plan, the appointed project will be required to submit to the local authority for approval the revised document prior to works commencing on site.

This document will provided at project outset to the principal contractor, and will form part of the project induction carried out by the principal contractor with all employees and all subcontractors working on site. It will form part of the documentation within the site construction phase health & safety file, and as such, all employees and subcontractors will be inducted on activities of concern and mitigation measures to be taken as part of the formal signed induction process.

All contractor staff are to have received training in the company's environmental policies and will ensure it is implemented fully on site, and environmental awareness demonstrated at all times.

1.01 Description

The site is located witihin a rural area in the county of Staffordshire, 2 miles south east of the town of Cheadle. The site is a former garden nursery, accessed via narrow country lanes.

The first phase of the project is demolishing the existing nursery buildings with the construction of the new dwelling to follow immediately afterwards with landscaping / parking areas to conclude the project.

1.02 Expected construction dates

It is anticipated construction will commence in summer 2020 but is subject to review and change as soon as the main contractor has been appointed and the project reaches a more established stage.

2.0 CONSTRUCTION MANAGEMENT PLAN

2.01 Construction Access.

Construction traffic to and from the site will be via the only entrance and exit available at the front of the site off Cheadle road. This will be a dedicated entrances and exit for all construction traffic and will be managed accordingly to prevent any non-construction vehicles or pedestrians from entering the construction site.

The contractor will undertake a pre-commencement and post construction survey with photographic records of the existing highway access and make good any damage that could occur as a result of the development. All material purchase orders will clearly reference the site access point for delivery. A banksman will be provided for the supervision of deliveries in large vehicles.

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2.01 Public Access

No public access is to be granted to the designated site area within the security boundary at any time during the construction programme. There are no public rights of way through the development area. Adequate construction safety warning and signage will be erected at suitable locations on the site boundary.

2.02 Site Establishment & Welfare Facilities.

It is the intention that the proposed front driveway within the proposed development area will be used as the contractors compound. A temporary site portakabin will be positioned within this location along with welfare facilities, materials storage and bins etc. It is the responsibility of the contractor to provide suitable welfare facilities.

2.03 Plant Material and storage

Material storage on site will be kept to a minimum and no material will be stored outside the site boundary. All materials are to be stored both at the front and rear of the proposed development.

2.04 Loading and unloading of materials.

Loading and unloading of materials will be via grab lorry vehicles off Cheadle road and into the site boundary. For large deliveries, a supervising banksman will be required to maintain pedestrian safety. Smaller deliveries will take place directly inside the site security hoarding where possible.

2.05 Security Hoarding.

Temporary fencing will be provided by the appointed contractor to create a secure and uninterrupted boundary line around the construction area, Heras type fencing is suggested for this purpose. The site will be rendered safe and secure at the end of each working day.

2.06 Routing of construction vehicles to and from the site.

It is anticipated that all construction vehicles should exit from the site to the junction of Hollington road and then proceed along this main road. The return journey should be the same.

2.08 Parking

Construction site visitors will be expected to park within the site development area / boundary whenever possible. If this is deemed not possible due to materials on site, parking will be on Cheadle road directly in front of the site whenever possible. On road parking is to be minimized at all times and no parking is to take place in front of dropped kerbs or access routes into neighbouring properties. The contractor is reminded of considerate parking at all times. The blocking off the residential pathway is strictly prohibited.

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2.09 Wheel Washing Facilities

Site vehicles are not expected to deposit any deleterious materials on to the highway. The appropriate wheel washing facilities will be provided by the contractor and be positioned adjacent to the site entrance and exit as required. The contractor is expected to organise road sweeping/cleaning on a regular basis where required.

2.10 Measures to Control Dust on Site

Dust from construction activities will be minimised by keeping the cutting and grinding of materials on site to a minimum. Where cutting or grinding is unavoidable, equipment and techniques to minimise dust will be used such as water suppression.

Loaded lorries and skips will be covered with netting/sheeting to prevent spillage of waste materials onto the public highway. Water suppression will be used during dry periods to prevent dust from vehicle movement.

2.11 Noise

Noise & vibration from construction activities will be minimised as far as reasonably practicable.

It is anticipated that a 3 tonne digger plus dumper will be used during the groundworks phase in the initial project phasing. No piling is anticipated subject to the prior site investigation.

Noise and vibration will be controlled and limited so far as reasonably practicable so that sensitive receptors are protected from excessive noise and vibration arising from construction. All operations will take place during normal working hours in accordance with planning condition no.12.

All plant will be maintained in good working order and fitted with silencers wherever possible

All plant will be shut down or throttled back between periods of use.

2.12 Waste Management on Site

The appointed contractor will provide a suitable waste management plan in accordance with the EU Waste Framework Directive. The appointed contractor will endeavor to limit the amount of waste produced on-site and implement suitable waste segregation. Prior to any demolition, an asbestos survey is to be carried out.

Skips will be available throughout the construction period and positioned appropriately within the site boundary where possible. These should be emptied regularly and covered where appropriate to avoid waste spillage to the rest of the site. Material recycling processes will be employed.

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2.13 Hours of Operation

All construction work to be carried in accordance with times stated in the subsequent planning approval.

2.14 Environmental monitoring

There are no ecological or heritage sites within close proximity of the construction site

Construction works will be undertaken in accordance with the principal contractor's environmental policy, with key objectives including:

- Zero pollution incidents
- Minimise waste sent to landfill
- Minimise environmental disruption to residents

The contractor will demonstrate environmental awareness at all times and environmental issues will be monitored on an ongoing daily basis by the principal contractor.

2.15 Tree Protection

Tree protection methods shall be installed in accordance with any requested tree survey and arbourcultural impact assessment produced for the planning application.

To ensure tree survival during and post construction work, BS 5837:2012 provides recommendations to protect the trees. To achieve this there are two main considerations.

Protection of tree roots.
Protection of the upper parts of the tree, the trunk and branches

A banksman should be used to supervise vehicle movements to avoid damage to any trees on site.

The contractor is required to create "Construction Exclusion Zones" around the trees. These are based on the "Root Protection Area" or RPA as calculated as required in BS 5837:2012. The RPAs for all the trees are included in the survey schedule within the Arboricultural Report for this project.

2.16 Site Signage

The contractor will provide adequate signage in and around the site with contact details. Detailed and prominent sign boards will be displayed along the principal elevation which will provide a dedicated phone number and email address of the principal contractor as the immediate point of contact for any queries or complaints related to the project.