

Construction Environmental Management Plan

for

**The Old Rectory
8 Rectory Lane
Market Bosworth
Nuneaton
CV13 0LS**



INTRODUCTION

This Construction Environmental Management Plan has been prepared in response to planning Condition 5:

Condition 5 – Construction Environmental Management Plan

Prior to commencement of development a Construction Environmental Management Plan shall be submitted to and agreed in writing by the Local Planning Authority.

The plan shall detail how, during the site preparation and construction phase of the development, the impact on existing and proposed residential premises and the environment shall be prevented or mitigated from dust, odour, noise, smoke, light, and land contamination. The plan shall detail how such controls will be monitored.

The Construction Environmental Management Plan will demonstrate the measures adopted to minimise disturbances including but not limited to noise, vibration, dust etc emanating from the site during the Refurbishment of existing structures and formation of new and refurbishment of existing hard and soft landscaped spaces. The Construction Environmental Management Plan will be updated regularly throughout the duration of the works which are anticipated to be completed in full in 26 weeks.

DESCRIPTION OF THE WORKS

Change of use of The Old Rectory from dwellinghouse (Class C3) to a Specialist Education Needs (SEN) School (Class F1), alterations to the building and other works within the curtilage of listed building including the erection of two single story classrooms, a Multi-Use Gaming Area (MUGA), revised parking layout with electric charging points, widening of access, replacement perimeter fencing and external landscaping, works to trees and other works.

GENERAL MATTERS

- **Site Management**

The Site Project Manager together with his onsite team will be responsible for the coordination of the approved works and be responsible for the implementation and enforcement of all duties and strategies included in this document.

The construction team will reduce as far as reasonably possible, any potential impacts of the proposed works construction on the adjacent highways and residents during the execution of the proposed works.

- **Communication on Site**

The site induction is the primary means of communicating the Construction Plan to all site personal. The site induction is carried out by the Site Manager to new operatives on the first day at work and includes explaining the site specific rules.

The Method Statement and Risk Assessment for individual activities will be produced by Big Red when our direct labour is utilised, or by specialist sub-contractor for Big Red to Review and incorporate with in the plan.

Site contact number will be placed in a prominent place on the existing boundary viewable for the public should any issues occur.

- **Information Board**

Safety signs and notice boards will be erected in accordance with company procedures.

A Site Safety Notice Board will be located in a prominent position of the project and regularly Updated. Our site H&S notice boards are clearly erected with the relevant information displayed.

- **Safety of the Public**

The safety of the public and protection of pedestrians will be ensured at all times by having the construction area, materials storage areas and waste storage areas, either hoarded or fenced with lockable access. Relevant signage will be erected to ensure adequate warning/information regarding the health and safety of the public.

The site boundaries will be protected by a combination of existing perimeter fencing and by the erection of signed heras type fencing with controlled access to the works.

Throughout the period of the works, adequate means of escape must be continually maintained for contractor's personnel and visitors to the site.

- **Proposed Working Hours**

The proposed working hours in the execution of the proposed works are set out below

- Monday - Friday 7:30am to 6pm
- Saturday - 8am to 1pm
- Sunday - no working

CONTROLS AND MONITORING

The following control measures will be implemented by Big Red in the execution of the approved works.

Big Red implement this policy through an integrated Safety and Environmental Management System which is regularly audited.

Big Red Construction Phase Plan (CPP) details the on-site management of these issues. The CPP is an integral part of the project's implementation strategy for controlling issues that have the potential for impacting on the wider community.

Monitoring and review of the procedures proposed in this plan will be carried out monthly or as required during the Health and Safety and Environment inspection carried out by the Safety Advisor. The inspection report will identify failures to comply with this plan and in consultation with the Project Manager will detail actions and responsibilities to ensure ongoing compliance.

Project Environmental Considerations	
Groundwater / nearby watercourses	There are no nearby water courses that could be impacted by site activity. However, it is noted that any contaminated water could make its way to the water course as such water used on site will be monitored and controlled as needed. Any ground water run of will be captured within the site.
Wildlife (nesting birds)	There are no areas within the immediate vicinity that will be affected by site activities to our current knowledge. However, the trees around the site will need to be monitored. It is noted that the trees on the site are to be protected during the project. This will be made known to all working on site and they will be fenced of as required.

Noise	Construction by its nature always creates some noise. However, this will be limited where possible. Noise monitoring will be carried out on site during all works on site and at regular intervals in accordance with our Quality Assurance Systems. The most modern low noise- and vibration generating plant shall be used to reduce the level of noise emissions and vibration from machinery as far as is reasonably practicable. Wherever practicable, all plant and equipment shall be powered by mains electricity in preference to locally powered sources such as diesel generators. We will keep the reversing of vehicles to a minimum possible to reduce the sounds of White noise alarms for delivery vehicles and any other plant onsite. Noise will be minimised by the selection of construction methods and the use of modern, silenced plant. Noise monitoring equipment to be utilised in sensitive areas as required and Operatives, contractors and visitors are able to wear hearing protection in any hearing protection zones that have been established (theses will be identified by the relevant signage). The control of noise during construction will be monitored by using Tool Box Talk also. Best Practicable Means (BPM) will be used, including low vibration methods and silenced equipment and machinery, in accordance with the Approved Codes of Practice of BS5228:2009 for noise and vibration control on construction and open sites. Big Red shall employ the best practicable means to minimise noise and vibration produced by the operations and will have regard to the recommendations in BS 5228 "Noise Control on Construction Sites".
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Noise (cont.)	All mechanical plant and vehicles will be fitted with effective exhaust silencers and will be maintained in good and efficient working order. All compressors and generators will be sound reduced with acoustic covers which will be kept closed whilst in operation. Any ancillary pneumatic equipment will be fitted with mufflers of the type recommended by the manufacturer. Plant/vehicles in intermittent use shall be shut down in periods between works or throttled down to a minimum. All noise and vibration producing plant/operations will be carefully controlled
Dust	The site is adjacent to residential areas and thus the impacts and mitigations in terms of dust and emissions and noise will be controlled by the following methods: • Environmental Tool Box Talks • Best Practicable Means (BPM) will be used in controlling dust emissions, in accordance with the Best Practice Guidance. Where operations will create a larger amount of dust, appropriate actions will be taken to keep it to a minimum. Operations to be controlled in this way include: • Rubbish dumping in skips – sheeting shall be used to prevent the escape of dust, particularly during transportation. • Earthworks/Haulage routes on site – Dust will be controlled at source using vehicle speed restrictions and/or damping down procedures. (Precautions will be taken to ensure that water used in the damping down process, which may have become contaminated, does not run into a watercourse or sewer). • Cutting and grinding of materials will be completed whilst using an effective water suppression system. With appropriate personal protection being utilised whilst working within

	zoned off cutting area As per industry guidelines the creation of dust will be controlled at all times. Dust will be controlled at the point of generation in the first instance through vacuum and bags. Where this is not possible it will be damped down and then cleaned to prevent it becoming airborne. Dust production will be closely monitored on the site and further controls put in place as needed.
Management / containment of Fuel	There are no plans to have a fuel store on site due to site constraints. All plant and equipment that requires fuel shall be checked regularly for any defects and there will be spill kits available on site in case of any emergencies
Waste Management	Due to minimal room for onsite segregation, we will look to recycle on site waste as far as reasonable. All other waste shall be removed from site via a licensed waste transportation organisation for offsite segregation and recycling. There will be no burning of any waste on site.
Contaminated land	If any ACMs encountered during the ground works , works will cease the area made safe by means of segregation and dampening down to a higher degree and a suitably qualified consultant will be engaged to assess the risk of any materials suspected of being an ACM the land will be protected from being contaminated. The main risk is from waste water which will be controlled as per the ground water section.
Light Pollution	Lighting is to follow the protocols outlined in the Lighting Engineers document "Guidance for the Reduction of Obtrusive Lighting" (2005) - Any lights used on site will be angled away from surrounding residence and turned off when not in use. The majority of works will take place during day light hours requiring no extra external lighting.

Odours	Big Red do not foresee any high odour processes taking place during this project. However, it will be monitored and addressed throughout the build.
Smoke	Big Red do not foresee any processes taking place during this project that will produce a large amount of smoke. However, it will be monitored and addressed throughout the build. Should the need arise filtration will be added at source As noted above there will be no burning on site.