



Construction Management Plan

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1.0 Introduction

This Construction Method Statement has been developed for the installation of a temporary school building being constructed at Uxbridge Academy. Please refer to Appendix B – Site Delivery Route for general layout of site. The Portakabin building module installation will begin on 26th May for an expected period of 12 weeks.

The works allow for the Installation of a 3 storey building in the College Grounds and consists of 39 Portakabin Building modules that will be delivered to site by articulated lorry and installed with a mobile crane.

2.0 Logistics

This Construction Method Statement is intended to set out the procedures and measures that will be put in place ensure that there is no material impact on adjoining owners, neighbours and stakeholders during the construction works. The Construction Method Statement considers analysis of the current scope of works, site and project constraints, how the critical construction activities will be undertaken, and covers the general access and plant usage and activities of the proposed development.

3.0 Construction

The philosophy of minimising road use as far as reasonably practical formed part of the construction planning and the development of the Construction Method Statement.

All planning and procurement relating to plant hire and its usage has been based around keeping these items on site for the duration of an activity, rather than the normal practice of plant coming and going from site for the duration of an activity to keep hire rates to a minimum.

4.0 Transport of Personnel to Site

In order to minimise the amount of traffic caused by site workers all Portakabin Operatives and contractors will be encouraged to share vehicles.

Parking spaces to be provided by the college to ensure that Portakabin Operatives do not need to park on the adjacent roadways.

5.0 Transport of Materials, Plant and Equipment to Site

Site deliveries will be timed to avoid the busiest rush hour periods whenever practicable, the site opening hours will be between 07.30 and 18.00. There will be no deliveries between 8.15 to 8.45 and 15.15 to 15.45 if the installation overlaps term times. There are no planned deliveries at weekends.

Due to Abnormal load restrictions it may not be possible to prevent delivery of the building modules at the above times.

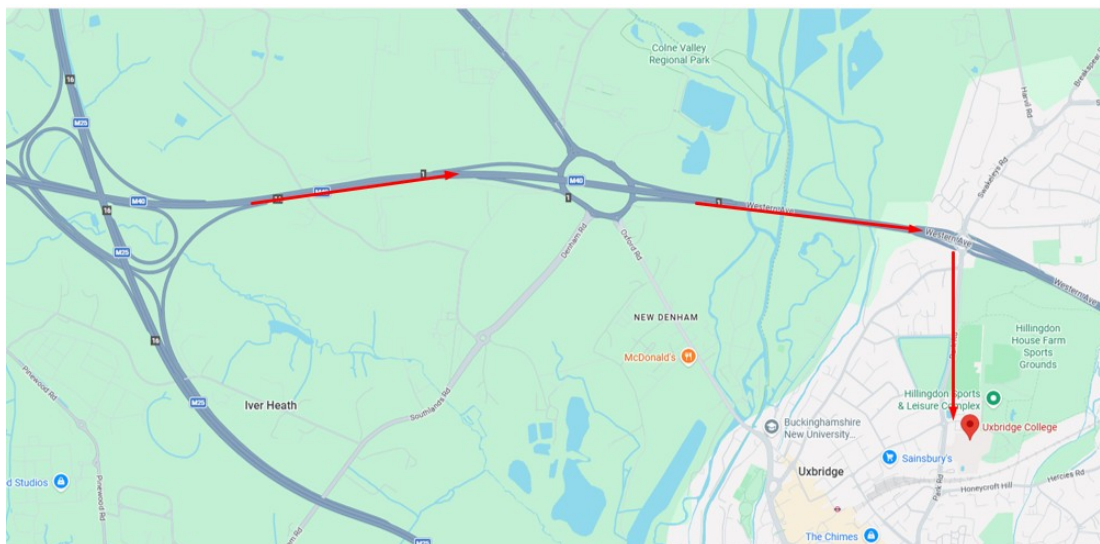
Please refer to the Programme Appendix C for the order, phasing and general scope of works.

6.0 Route to Site

The route for general site traffic is to use the M25 Junction 16, A40 eastbound, B483 Park Road, Turn left into site or Turn left into Gatting Way then Turn left into site. Smaller vehicles may use alternative routes depending on point of origin.

The Building Modules will be routed by the Metropolitan Police and will follow the authorised route submitted. Please note that although the vehicles require an authorised route they do not require an escort.

All suppliers will be notified in advance of the route to site and allowable delivery times. Refer also to Appendix A Site Delivery Route.



7.0 Interface between on-site and off-site vehicle movements

Large deliveries which are unable to turn on site will be guided on and off site by a trained Site Operative.

Vehicles will be using internal tarmac roadways and trackway road to access working areas and therefore it is not anticipated that there will be any soil/med transferred onto the highway. The highway will be monitored and if excess soil/mud has been transferred from site arrangements will be made to clean the highway as required.

Dust suppression measures will be taken for tasks which may cause dust to be blown onto the highway.

8.0 Interface with Pedestrians

The site will be heras fenced off within the site boundary. Vehicles will be able to drive directly off the road at pre-existing junctions. Entrances will be closed when not in use to prevent members of the public or staff/pupils entering the site.

9.0 Delivery of Portakabin Building Modules

The delivery of the Portakabin Building Modules (Maximum Dimensions 3.43m(W) x 9.9m(L)) will be delivered on standard articulated vehicles which will drive directly onto the school site Via the entrance on Park Road and travel the wrong way along the one way system under the guidance of designated Traffic Marshalls. Vehicles will turn into carpark and reverse onto site and up to the crane with assistance of Traffic Marshall. Lorries will be driven off site with the assistance of Traffic Marshalls travelling in the correct direction on one way system. Traffic Marshalls will temporarily hold up the traffic to assist vehicles on and off site if required.

10.0 Crane Installation of Modules

60 ton Crane will be set up in the building footprint on hardcore road, crane to lift modules from lorry parked adjacent to the tennis court. Crane to lift modules from multiple location on site. Please refer to Appendix B.

During delivery of modules access to the roof of buildings will be using footed ladder by operatives connected to fall arrest system as per Portakabin working at height policy.

11.0 Working at Height

External works at height to the Portakabin building will be carried out using MEWPS, we will have a Scissor lift on site throughout the installation and once required we will have a second Scissor lift or a Cherry Picker.

In areas that are not accessible by MEWPS we will install scaffold.

Internal works at height will be using Aluminum Platform Steps, only Portakabin approved steps will be used on site.

12.0 Access and Egress into Building

Once the building is in place Portakabin will provide temporary access steps to the main entrance points to the building.

Depending on the distance to floor level these will either be fixed height aluminium steps or adjustable platform steps. It is the intention to replace these steps at the earliest opportunity with the permanent access solution.

13.0 Noise, Vibration and Dust

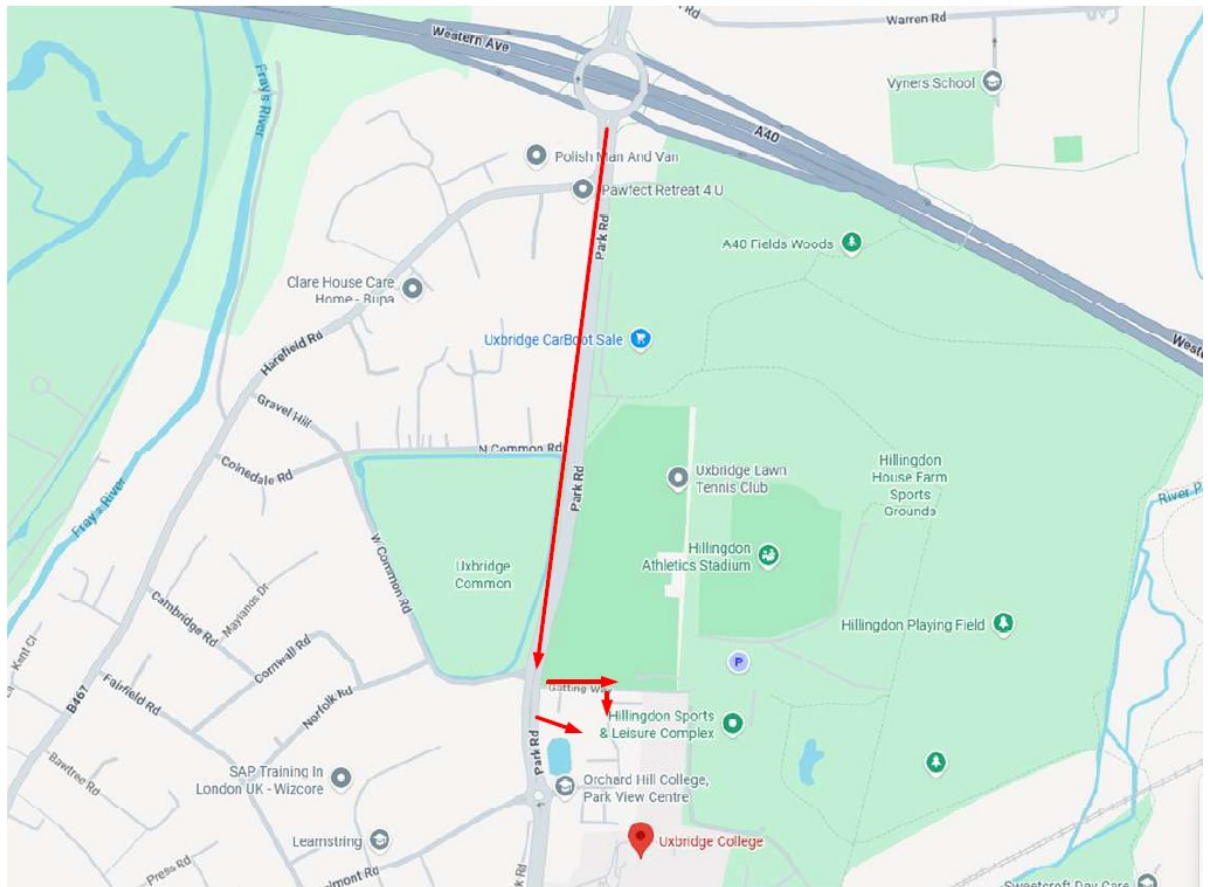
Noise and Vibration will be kept to a minimum to protect workers, public and local residents. Vehicles not in use will be switched off and not left idling unnecessarily; site supervisor will regularly monitor noise and vibration on site. These works do not require any piling or breaking.

Dust levels will be kept to a minimum; any activities which cause dust will either use vacuum bags or be dampened down.

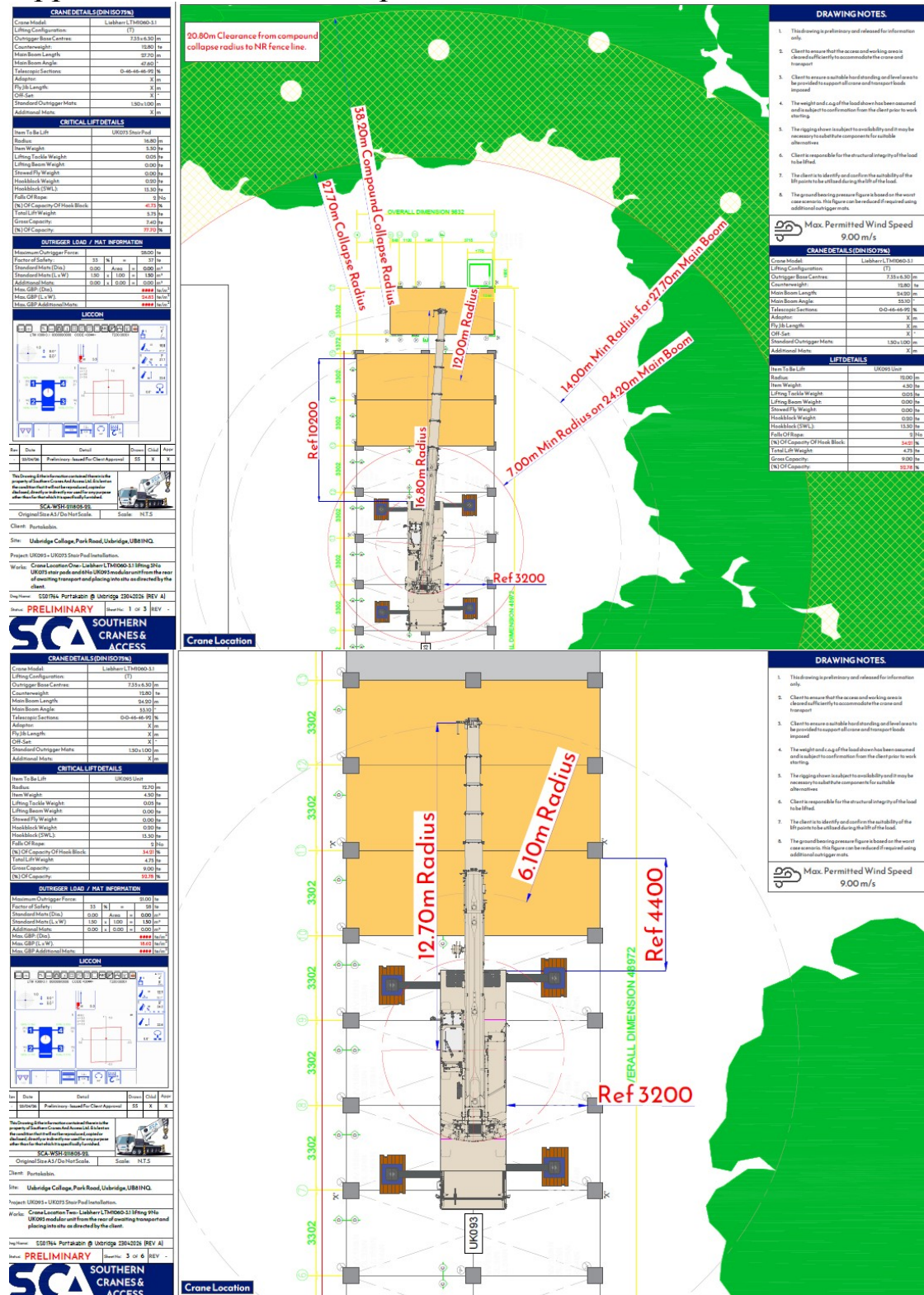
14.0 Monitoring and Management of Construction Method Statement

The Site Manager will be responsible for monitoring the Traffic Management Plan and ensure that it is adhered to and make changes if improvements can be made. The site manager will review the plan on a weekly basis and update as required. As part of the weekly review the site manager will monitor vehicle numbers and investigate whether it is possible to reduce these and ensure that vehicle sharing and public transport are utilised whenever practical.

Appendix A – Site Delivery Route



Appendix B – Crane Set up



Appendix C – Programme

