CaddickConstruction.

Gateway 36 Phase 2A.1
Construction Method Statement
and
Air Quality Management Plan

Ref: CCL/CMS & AQMP Rev 1
dated 04 February 2022

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This document is prepared in response to the requirements of planning conditions no.33 and 51 (duplicates) of planning permission ref. 2019/1573 regarding a Construction Method Statement and Air Quality Management Plan.

1. Construction Method statement

Pre-Commencement Condition	Caddick Construction Ltd (CCL) Response
The parking of vehicles of site operatives and visitors;	• The main construction compound will have a hard-standing surface to its parking located in an area next to the welfare facilities and site offices for visitors and operatives
Means of access for construction vehicles	• A full-time gateman will control access/egress to the site, he will be located at the front gate to site as noted in the logistics plan attached • All construction traffic will utilise the public highway infrastructure in place and use the recommended route to site wherever possible • CCL will minimise and control any nuisance arising from construction traffic by using measures such as controlling vehicle speed and keeping all site entrances clean. • Delivery vehicles will initially stop at the site office, where they will be met by the appropriate contractor supervisor or his representative.
Loading and unloading of plant and materials;	• During unloading/loading activities to the site area all vehicle audible and visual devises will be used i.e. reversing alarm and flashing beacon; and high visibility clothing worn at all times. • All deliveries will be managed and offloaded in such a manner that the need for operatives or drivers to access the vehicle on top of the load will be removed. • Where reversing operations are required, vehicles will be restricted from such operation unless managed by a banksman.
Storage of plant and materials used in constructing the development;	• There will be a requirement for deliveries and materials to be stored within the site area throughout the course of the project. • There will also be the need for the removal of materials and waste from the site area, this will be managed in a "just in time" basis as to minimise disruption to neighbouring road networks. • We shall schedule deliveries to the site, and waste removals from site when both vehicle and pedestrian activity is at a minimum. • The main construction compound will have a hard-standing surface for fuel storage areas, with a closed drainage system and bunded fuel storage • CCL will ensure that materials or debris are not be stored immediately adjacent to the perimeter fencing

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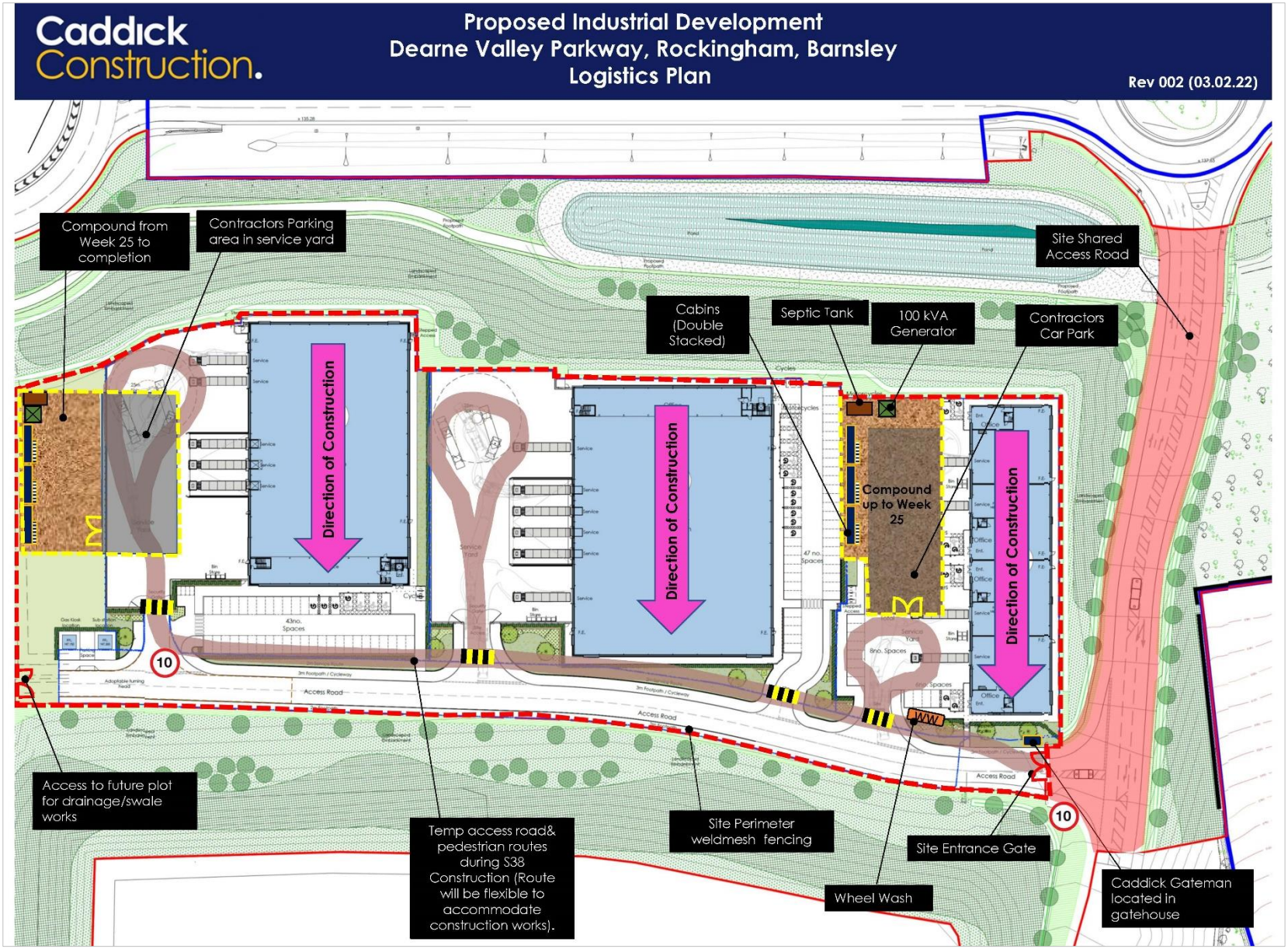
The erection and maintenance of security hoarding including decorative displays and facilities for public viewing, where appropriate;	• CCL will robustly manage the site and compound boundaries and ensure that the integrity of the perimeter fencing remains intact throughout the project period • CCL will record an inspection of the hoarding perimeter at first use and every 7 days thereafter and after any inclement weather or event that may require additional inspections. Daily • The perimeter fence will predominately be Heras fencing panels secured to timber posts, with double metal security gates at the site entrance • No client advertising/decorative displays have been notified as yet • No public viewing is expected due to project location • CCL will place suitable and sufficient signage indicating personal risk around the perimeter and at the entrance of the site
Wheel washing facilities;	A wheel wash will be considered however: • There is no mains water to site • A hand-held jet wash will be available • CCL intend to make all vehicle movement areas 'sacrificial' hard surfaces in order that all vehicles can leave site 'clean'
Details of the provision of an on-site water supply or water storage facility;	• CCL are expecting to facilitate the project with water from a bowser & pump • It is hoped that mains water can be connected to the site, via temp supply, at the earliest opportunity
Measures to control the emission of dust and dirt during construction;	• To reduce the hazards caused by air borne dust, all waste skips will be sheeted when leaving the site and aggregates will be tipped in a controlled manner • If the source cannot be eliminated CCL will ensure the risks are reduced at source with water suppression, on tool extraction or proprietary LEV • Appropriate RPE/PPE will be used as detailed within contractor RAMS
Measures to control noise emissions during construction;	• All works will be conducted within the daily work times stipulated within the planning conditions • All works undertaken will be risk assessed against the hierarchy of control – Eliminate, reduce, isolate, control, PPE, discipline • Noise monitoring & noise assessment will be undertaken at regular intervals at the point of works and the site boundary • Machines in intermittent use will be shut down between work periods or throttled down to a minimum. • Pumps and mechanical static plant such as generators will be enclosed by acoustic sheds/barriers • No mechanical equipment will be left running outside of the project working hours (Generators etc)

Pre-Commencement Condition	Caddick Construction Ltd (CCL) Response

A scheme for recycling/disposing of waste resulting from demolition and construction.
 	
	• No waste will be generated by demolition activities, this has been completed by others.
	• CCL align all our projects with the waste management hierarchy of:
	  ○ Prevention
	  ○ Minimization
	  ○ Reuse
	  ○ Recycle
	  ○ Recovery
	  ○ Disposal
	• Waste generated by construction activities will be disposed of by using a competent, licenced waste contractor to provide skips, collection and disposal at an EA registered waste facility
	• The waste contractor will provide waste transfer notes for every full skip that leaves the site
	• CCL will record and retain all WTNs as required under EA legislation
	• Construction waste will be cleared into segregated skips including plasterboard and hazardous waste

2. Air Quality Management Plan

Hazards	Control Measures
CO2 EMISSIONS	Promote use of Public Transport. Promote use of a Cycling to Work. Promote Car Sharing. Regular Maintenance of onsite Plant and Equipment. Plant to be switched off when not in use. (No idling).
DUST MIGRATION	Lorries to be sheeted during transportation of Friable Construction Materials and Spoil. Sealing of completed Earthworks will be undertaken as soon as reasonably practicable. Regular cleaning of Surfaced Roads and Maintenance of Unsurfaced Roads will be undertaken to reduce off site transport of Soils and to avoid Dust Migration. Careful location, grading and management of Stockpiles of Soil and similar materials will be undertaken to prevent Wind -Blow. Vehicles will be restricted to speeds of less than 10mph. Water spray dampening of Soils and Spoil may be undertaken. Plant and Equipment will be designed and used in a manner which minimizes Dust Generation. Positioning and Movement of Construction Equipment will be undertaken in a manner which minimizes Dust Generation. Water suppression to be used with Concrete Cutting Tools. Dust extraction systems to be used where possible with Bench Saws etc. Vacuum Cleaners to be used where possible to prevent Air Borne Particles from sweeping.

Appendix A – Site Logistics Plan