

Construction Logistics Plan (Condition 10 on planning permission 17722/APP/2022/223)

Land at 1 West Drayton Park Avenue West Drayton, ub7 7qa

The following details are provided to address the items identified in Condition 10 of the permission above

Introduction

This Construction Logistics & Management Plan (CMP) provides the framework required for the planning and implementation for the building of a new dwelling house at 1 West Drayton Park Avenue. It sets out the approach for the proposed construction works and in particular, explains how construction activities can be undertaken in accordance with Policy: DTM 2 of the Local Plan :part 2- Development management policies(2020) – Promoting Sustainable Transport and references the code of Considerate Practice as set out in the Considerate Contractors Scheme.

Hours of work;

Hours of Work Hours of Work Hours of Work Working hours for construction activities and deliveries will be restricted to prescribed hours. These hours are;

- 08:00 – 18:00 Monday to Friday
- 08:00 – 13:00 Saturdays
- No piling works before 09.00
- No work will be undertaken on Sundays or Bank Holidays

Hours of deliveries to the site;

Monday to Friday 8-4 pm

Saturday 8am- 1pm.

No delivery outside of these hours including Sundays and Bank holidays.

Vehicle parking for site operatives;

During the demolition phase and clearance of the site, all site vehicles and staff will be park within the site boundary. If no space is available, vehicles may park directly in front of the site outside of traffic parking restriction hours. Due to the nature of the site during the construction phase however, there will be limited or no vehicle parking for the construction team or visitors within the confines of the site. There is a possibility for parking on church road. This will assist in maintaining a secure site environment and preventing over spill of site debris in to the public domain. The roads around church road have the appropriate spare capacity to accommodate daytime parking. Wherever possible, subcontractors will be encouraged to commute to site by public transport and to plan the sharing of vehicles for their team members and their required tools, to minimize any disruption to neighbours.

Vehicle Routing;

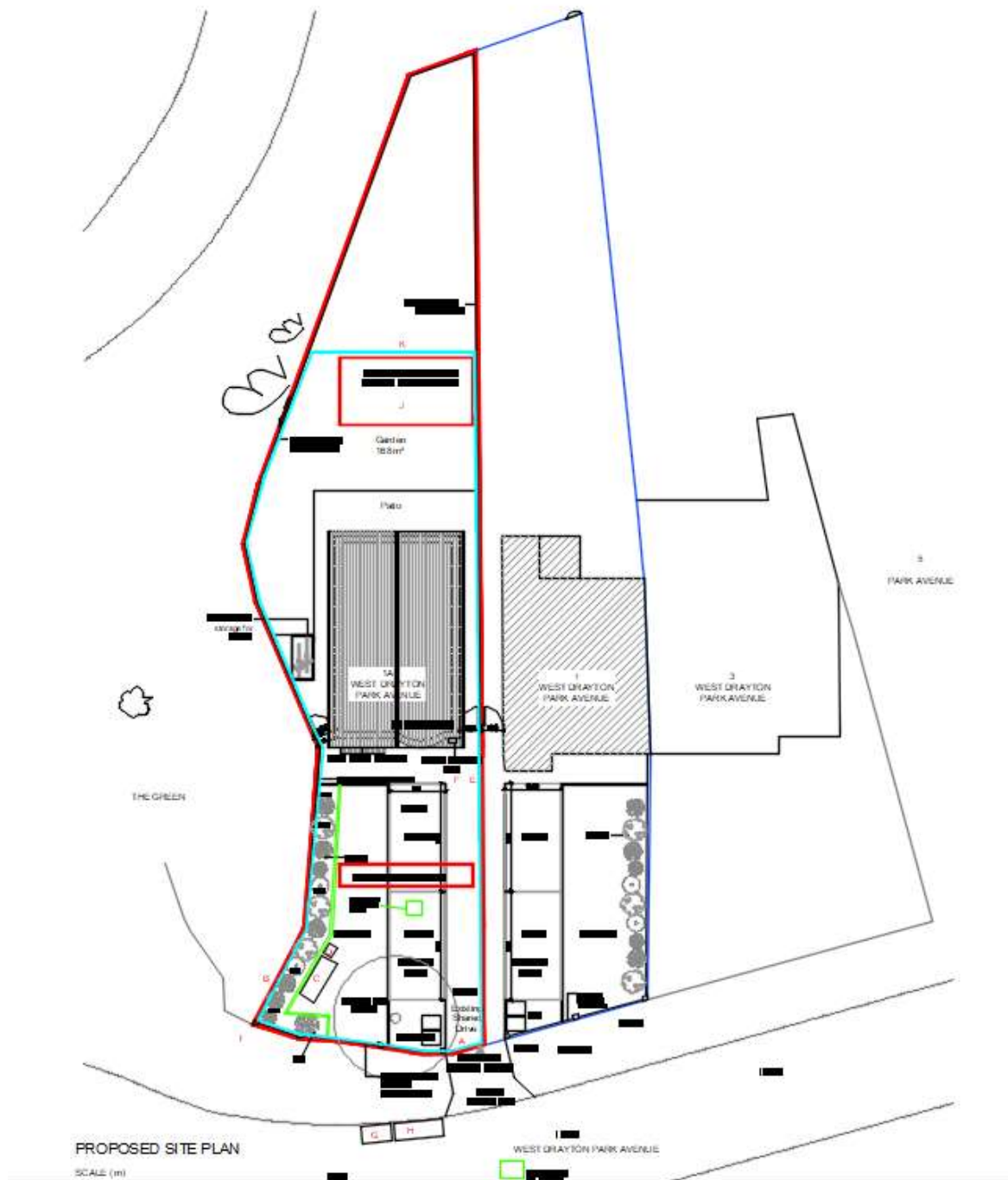
Main access to the development site for deliveries is predominantly via station road on to church road then west drayton park.

The delivery access point;

The application site is fenced off to the sides and has a street frontage onto west drayton park avenue, which allow space for materials to be delivered directly onto the site frontage. Larger vehicles will be able to make deliveries and to turn into site and maneuver on west drayton park avenue, with prior notification to the neighbours. This has been normal practice for deliveries/ skips/ contractors to residents. The applicant will be on site at all time and will ensure that there is no obstruction to neighbouring residents.

The loading and unloading of plant and materials;

Will be delivered on the existing site forecourt and all items will be unloaded on and transferred to a storage area in the back of the site (where no building work is proposed). A banksman will be present to avoid any conflict with pedestrian / vehicular movements on west drayton park avenue during deliveries.



Anticipated size and frequency of vehicles moving to/from the site;

The deliveries will be made by vehicles up to 20 tonnes in weight for delivery of materials and collection of waste

2 light vehicles on site daily- Mon-Sat (contractors);

Light vehicle deliveries - anticipated no more than twice per week on average;

Deliveries by LGV - anticipated on average once per week, due to small scale of works.

Construction Traffic Routes;

In order to comply with Regulation 27 (Traffic Routes) and Regulation 28 (Vehicles) of CDM 2015, a Traffic Management Plan will be displayed in the site office, welfare facilities and included in briefing sessions. The objectives of the plan are:

- a. a safe and efficient working environment for all staff, visitors and contractors when on site; b. to ensure visiting traffic and deliveries arriving and leaving the site can operate within defined areas;
- c. to ensure that any contractors on site can operate their workforce, plant and equipment in a safe and manageable environment.

The plan will detail:

- a. wheel wash locations
- b. ingress and egress points, both vehicular and pedestrian
- c. fencing type and positioning thereof
- d. the location of site office,
- e. welfare provision
- f. material storage areas
- g. staff and contractor car parking
- h. emergency evacuation assembly points
- i. segregated pedestrian walkways
- j. footprint boundaries

Construction Traffic Washing;

Due to the restricted vehicular access onto the site, road vehicles will be kept out of the construction site as far as feasible. Therefore, the transfer of site dirt from construction traffic onto the public highway is avoided.

Where a vehicle or a site equipment such as wheelbarrow or hand pallet truck is required to enter a designated area, they will be inspected by the Site Foreman prior to leaving the site for any defects, excessive dirt, mud and obstructions associated with their wheels and undercarriage. If such site equipment and vehicle is not free from any site contamination's, they will be manually washed and cleaned to remove any dirt, mud or obstructions from their wheels and undercarriage. An onsite 'wash station' will be set up, which will comprise a pressure washer and brushes for use to clean equipment that have become muddied.

Public Highway Cleaning;

It is required that public highways must always be kept clean. As far as feasible, it is proposed to prevent any mud and deleterious material from being brought onto the highway by means of organizing the site and its infrastructure as detailed elsewhere. This also reinforced further by adopting rigorous site maintenance strategies where the provision of manual cleaning devices shall be provided for site equipment.

In addition to these measures, roads and foot ways in the vicinity will be regularly inspected and cleaned as necessary. Given the scale of the works, this is likely to be undertaken manually, with the option of using a mechanical wet road sweeper if required.

Noise Suppression;

Noise Suppression Unless specified otherwise the recommendations in B.S. 5228:2008 'Code of Practice for Noise Control on Construction and Open Sites, Guide to Noise Control Legislation for Construction and demolition including Road Construction and Maintenance', will be adhered to for noise levels at the site boundary and within the site. Noise can be very disturbing to neighbours. Therefore, the following steps will be taken to ensure that noise issues are managed effectively during the construction phase;

- a.** noisy work, such as that which involves plant and machinery, will only take place within prescribed hours. These hours are;
 - 08:00 – 18:00 Monday to Friday
 - 08:00 – 13:00 Saturdays
 - No piling works before 09.00
 - no work will be undertaken on Sundays or Bank Holidays
- b.** where such options exist and are practical, less noisy construction techniques will be used
- c.** particularly noisy operations will be scheduled to be undertaken at the times of day least likely to disturb our neighbours.
- d.** noise assessments are to be conducted for all plant and machinery.
- e.** Sensible positioning of plant and site equipment (see Proposed Site Plan), together with the strategic use of temporary acoustic baffles / sound enclosures onsite and utilise technological advances such as suppressed / insulated equipment will ensure noise reduction is kept to a minimum.
- f.** only sound-reduced compressors⁶ will be used, with properly lined and sealed acoustic covers fitted in accordance with the manufacturer's instructions and kept closed whenever the machines are in use.
- g.** all ancillary pneumatic percussive tools will be fitted with mufflers or silencers⁷ of the type recommended by the manufacturer.
- h.** machines in intermittent use will be shut down in periods between work periods or throttled down to a minimum.
- i.** site radios will be at the discretion of the Site Manager, and where permitted on site the volume will be kept at a reasonable level.

The storage of plant and materials used in constructing the development;

Due to the nature and residential constraints of this site, there will be very few materials stored on site, and certainly nothing stored outside of the hoarding line. Materials will only be procured and delivered within a few days of being installed. These materials will be securely stored on clean, hard-core surfacing within the hoarding, and below the hoarding line (see Proposed Site Plan). There will be elements of plant and equipment that will be kept within the confines of the site, but only for the duration of the works that they are associated with. Keys will be removed, and isolators activated.

Measures to control the emission of dust and dirt during demolition and construction;

Site strategies and operational measures will be implemented to control the emission of dust, dirt and odours during site demolition and construction. These procedures will minimise any unnecessary nuisance and contamination generated by construction operations and their impact on the neighbours.

The principle measure is to limit the production of dust at source by adopting working methods and using equipment that minimise dust production, such as;

- a. wet cutting in lieu of dry cutting – masonry / tile / bridge / slab wet cutting machine²
- b. vacuum extraction – power tool mobile dust extractor ³
- c. wetting of working area – pressurized water tank dust suppression kit⁴

Thereafter, any dust and debris created will be cleaned and removed to prevent secondary spread beyond the working area. Stored materials and deliveries are to be covered to prevent wind-blown migration.

Measures to control the presence of asbestos;

There is no building on site it is not likely to have asbestos cement roof tiles or anything else, but if and are found, they will be sprayed with a wetting agent and removed into Asbestos Waste bags with warning stickers and safely transferred to a local Asbestos Waste Disposal site . All personnel involved will be wearing full personal protective equipment.

A scheme for recycling / disposing of waste resulting from demolition and construction works;

All waste will be managed through a local waste management company with the aim to reuse or recycle as much as possible.

It is understood and agreed that approved details within this CMP shall be strictly adhered to throughout the construction period and shall not be amended in any way.

Fire Policy;

Strictly, no item will be burnt onsite including cigarettes as this is a total non-smoking zone. Notices will be displayed in the site office, welfare facilities and included in briefing sessions. Hot works are to be carried out by competent hot work contractors with appropriate hot work procedures for the specific task. In addition, the following requirements must be met within the work area:

- Combustible materials to be removed before work commences
- Floors to be swept clean and combustible surfaces covered with heat protections mats
- Walls to be covered and combustibles moved away
- Elimination of all explosive atmosphere in the area
- Removal of all flammable liquids and gas cylinders
- Appropriate screening to be provided, including protection and display of safety notices

Point of Contact;

Point of Contact Despite the measures outlined in this document, it is always possible that construction work might have an adverse impact on neighbours. Early communication is critical. The works will be overseen by a named Project Manager, whose name and number will be supplied to all neighbours.

Proposed Site Plan

- A. site entrance / exit point
- B. site boundaries
- C. site office
- D. site welfare provision
- E. water supply location
- F. wash station
- G. loading bay
- H. skip
- I. material storage areas
- J. emergency evacuation assembly points
- K. site hoarding

