

Planning/Application Reference: 11752/APP/2021/4019

Construction Logistics Plan (CLP)

Residential Development

At

1 Burford Close, Ickenham, Uxbridge, UB10 8EH

Revision 01 – June 2022

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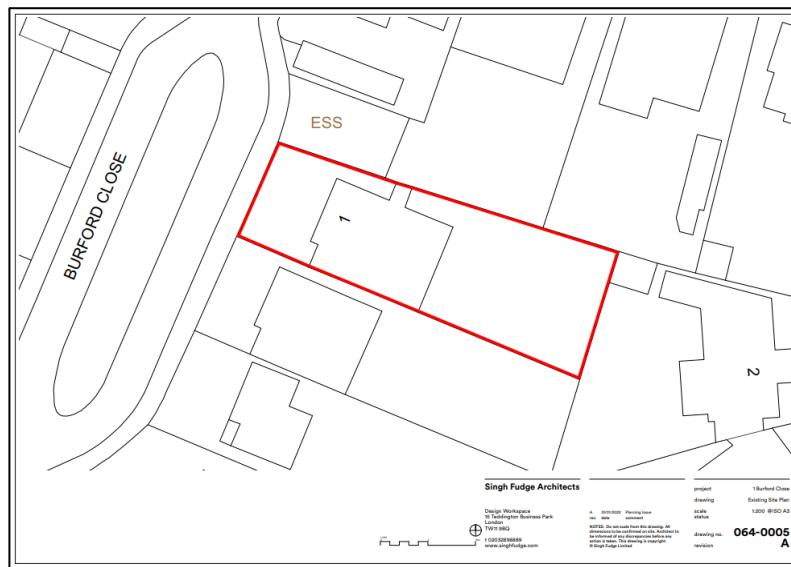
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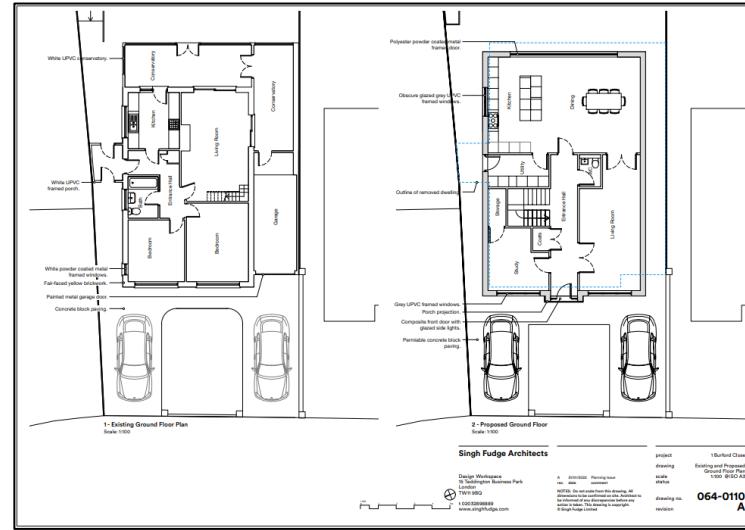
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I) Project Description

Demolition of the existing bungalow and erection of 1 no. detached dwellinghouse with associated parking, landscaping, refuse and cycle storage.

The site is bounded by existing dwellings and gardens situated on Burford Close and Windrush Close. The site entrance leads from Burford Close with the existing access being the site entrance.





Anticipated Start Date: October 2022
Duration: Approx. 6 Months

Hours of operation: 08:00am to 18:00pm

No noisy works are permitted on Sundays and Bank Holidays or outside of the following time period: -
 Mon-Friday – 08:00am -18:00pm
 Saturday – 08:00am -13:00pm.

2) Management of Deliveries and Waste Removals

Before any demolition work starts on the project a targeted Refurbishment & Demolition Asbestos Survey must be undertaken within the building and associated work areas before the commencement of works and must be available on site. No works to commence until asbestos survey has been reviewed and actioned in accordance with the survey recommendations and The Control of Asbestos Regulations 2012. If any potential Asbestos Containing Materials are identified during the works, work in the areas shall stop immediately and not recommence until the client has been contacted and further assessment is carried out. All persons working on the site shall have received asbestos training within the last year.

Vehicular and pedestrian access to site is from the entrance on Burford Close. Burford Close is accessible from Woodstock Drive. Appendix A identifies the route vehicles can take to site from the A40 junction, limiting so far as is reasonably practicable, vehicles from using village roads in the vicinity.

Vehicles coming on to site for offloading/loading of materials to and from a high bedded vehicle will need to provide suitable guard rail protection. Any vehicles removing loose rubbish or debris from the site must have the load fully sheeted.

All vehicles arriving on site will be assisted to the designated offloading area or waste/recycling area. All materials will be transferred using mechanical means where possible and placed in designated storage areas. Sufficient lifting / moving aids will be made available to assist in unloading materials promptly and effectively and all deliveries will be organised to suit manual / mechanical handling techniques to be used where required.

The Site Manager shall ensure the necessary personnel are available to maintain the safe control of traffic and delivery vehicles onto and from site. The level of staff required will be determined for each delivery.

The exact number of construction vehicle movement cannot be known from the outset however the scheduling strategy shall be sufficiently robust to satisfactorily deal with the construction traffic volumes that do arise. In terms of cars/vans visiting the site, this number shall be no more than 10 per day. Accordingly maximum vehicle sizes for each construction vehicle type shall be set to ensure conflicting deliveries never arise and to maintain highway operation. It shall be planned that one vehicle shall arrive and exit site one at a time. Delivery drivers shall be informed that queuing on Burford Close and surrounding streets is strictly prohibited.

3) Parking Arrangements

There shall be an on-site facility for site operative and visitor parking. Space may be limited, so street parking can be used in the surrounding area with respect to residents.

4) Storage of Plant & Materials

All plant and materials will be stored within the secure site perimeter in designated locations as per the site set up plan. No materials will be stored outside the site boundary at any time. (See Appendix B)

5) Wheel Washing Facilities/ Highway Maintenance

The existing driveway will be utilised by construction vehicles to access and offload on hard standing areas, thus minimising the potential for deleterious materials to be transferred onto the public highway.

The condition of the highways will be managed by the site management team and where required; a road sweep used to clean surrounding roads. A wheel wash facility comprising high powered jet wash will be used at stages of the project when vehicles are required to leave hardstanding areas for offloading and have the potential to transfer deleterious materials from site.

6) Site Security

All works shall be carried out in accordance with the HSE guidance: *HSG150 Health & Safety in Construction* and *HSG151 Protecting the Public, Your Next Move* and *Construction Design & Management Regulations 2015*, Regulation 18 – good order and site security.

Heras fencing will be erected in areas around the perimeter boundary (See Appendix B) which are not already adequately protected from garden fencing and established hedgerow and secure gates will be installed at the site entrance.

All Heras fencing will be double clipped in line with the manufacturer's recommendations and all gates fitted with propriety hinges and wheels. Site boundary fencing will be checked regularly by the Site Manager. Within the site perimeter fence, there will be an additional compound/storage area and containers to secure tools and machinery. Plant keys will be removed from site at the end of each shift and scaffold ladders to first lifts removed.

Safety signs and notices are to be displayed at the site entrance and as required around the site. All safety signs located at the entrance to site and boundary fencing shall be properly maintained so that they are capable of performing the function for which they are intended. These shall be appropriately displayed detailing that construction works are taking place.

All access/egress points into the site and work areas will be closed when not in use. A sign in / out book will be kept at the entrance to the site, all work personnel and site visitors entering the site will be required to sign in and sign out on leaving, the book will also be used as a site attendance record during an evacuation

7) Control of Dust, Noise & Vibration

Control of Noise

All necessary management and operational controls will be implemented to minimise any adverse effects from site activities on sensitive receptors. The necessary control measures are to be proposed by each subcontractor and reviewed by the Main Contractor. The control measures will be the best practicable means to reduce noise levels and will control noise at source wherever possible. Where possible, noise generating operations will be sited away from sensitive receptors.

Noise from site activities will be kept to a minimum by using well-maintained and silenced plant and equipment including compressors, generators and power tools when possible. All plant will have an in date thorough examination certificate.

Plant will always be used in accordance with manufacturers' instructions. The movement of plant onto and around the site should have regard to the normal operating hours of the site. All vehicles, plant and equipment will switch off engines when not in use.

Loading and unloading of vehicles, dismantling of site equipment and removal of waste shall be conducted in such a manner that noise generated is kept to a minimum. Where possible, materials will be laid down rather than dropped.

Control of Vibration

The maximum level of vibration at construction sites will be required to meet the criterion set out in BS 5228-2:2009 as 0.3mm/s. Established alternative processes to avoid/reduce use of vibrating equipment will be considered at all times.

If vibration at a sensitive receptor is possible, such as in this instance properties and it is suggested that it is likely to exceed 0.3mm s⁻¹, the sensitive receptor shall be pre-notified, in writing, at least 5 full working days prior to work commencing, with the following information:

Location – the location on site in relation to the sensitive receptor;

- Duration of those site operations, including schedule of operations likely to cause any further vibration and their hours of work;
- Vibration characteristics – e.g. whether it is continuous, intermittent or impulsive;

- Effect on buildings – it is important to assure the community that vibration levels will not cause building damage;
- Details of site operator community liaison – so that the community feels assured that information is available and that complaints will be handled expeditiously

Control of Dust

Dampening down will take place during all site activities that have the potential to create dust and during windy or dry weather, damping sprays will be used to prevent dust from causing nuisance to neighbouring premises. All mechanical cutting and grinding will be done in conjunction with a water suppression or local exhaust ventilation system.

Where there is visual evidence of airborne dust from the activities on the site, the contractor will carry out an assessment and where necessary undertake ambient monitoring to identify those activities creating dust above acceptable levels.

Work areas will be suitably and sufficiently enclosed using temporary screens to prevent transition of dust to other areas. Tasks producing dust will be identified and control measures included within task specific risk and method statements. Before works commence we shall look at ways to reduce the amount of dust created; this will include reducing cutting of materials, using a less powerful tool or a different method of work when possible. In addition, dust extraction/on tool extraction/local exhaust ventilation and/or water suppression techniques shall be used.

8) Waste Management & Recycling Scheme

Segregated waste skips will be provided on site and copies of waste transfer notes retained. A large portion of concrete and rubble generated from the demolition, will be recycled as aggregate and concrete products during the build. With the remaining removed from site by a Grab wagon and copies of waste transfer notes retained.

Health, safety and environmental procedures which involve processes for site cleansing, rubbish removal and recycling to reduce and manage site waste:

- Ensure that all material removed from site is taken to waste recycling stations and separated for recycling where possible. Records of the waste recycling will be provided by the recycling stations.
- Segregate waste types to facilitate recycling activities.
- Ensuring that all Duty of Care and other legal requirements are complied with during the disposal of wastes.
- Consulting with suppliers to determine correct / appropriate disposal routes for waste products and containers.

- It will be the responsibility of each contractor to keep the site area under his control safe from build-up of rubbish.

Site waste management procedure will be compiled and implemented in accordance with Environmental Regulations. This will include the following initiatives:

Design Waste Out:

- Tighter control of material ordering
- Designing standard materials modules where possible
- The use of prefabricated materials e.g. concrete slabs avoiding onsite inefficiencies
- Avoiding deleterious materials
- Educating site operatives on waste reduction
- Using materials with a longer usable life e.g. retarders in mortar and concrete

Reuse Materials:

- Reuse pallets, tubs etc
- Reuse timber offcuts

Recycle:

- Selecting materials with recycled content
- Timber and Metal from segregated will be recycled externally

No burning of any materials will be permitted on site.

Any land that is affected by contamination, whether or not identified under the regulations, may require measures to prevent contamination being activated or spread when building takes place. When required ground investigations surveys shall be undertaken early on prior to construction works taking place to determine if the ground is suitable and free from contamination. If the ground is found to be contaminated a remediation strategy shall be adopted.

9) Community Liaison

The project manager shall be the nominated liaison officer (LO) responsible for communication between the local authority and the site, neighbours and other relevant parties.

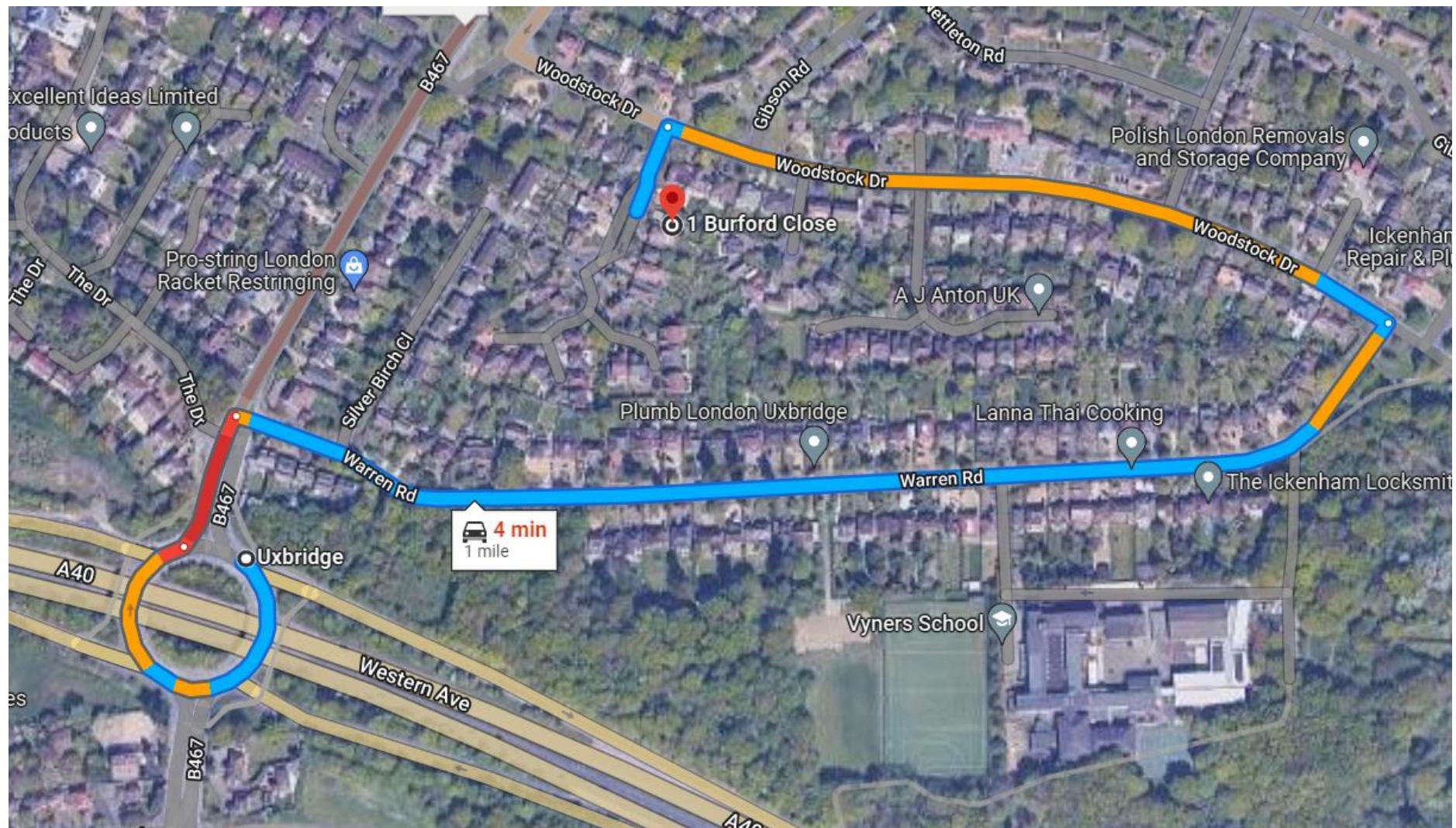
Neighbouring properties shall be notified of the intended works and invited to discuss any concerns.

The client and project management team will liaise with the local authority concerning any relevant aspects of construction. The LO will be made aware of and ensure compliance with any conditions attached to the planning permission and notify the local authority of any changes that affect those conditions should this occur during the course of the work.

Good levels of co-ordination between the principal contractor, subcontractors and suppliers will be maintained through the duration of the works to ensure minimal disruption to surrounding roads, footpaths and residents. A copy of the approved document will be made available to all subcontractors and all contractors will be asked to provide full details of how they intend to control risks identified, allowing the project management team time to assess and review to ensure compliance.

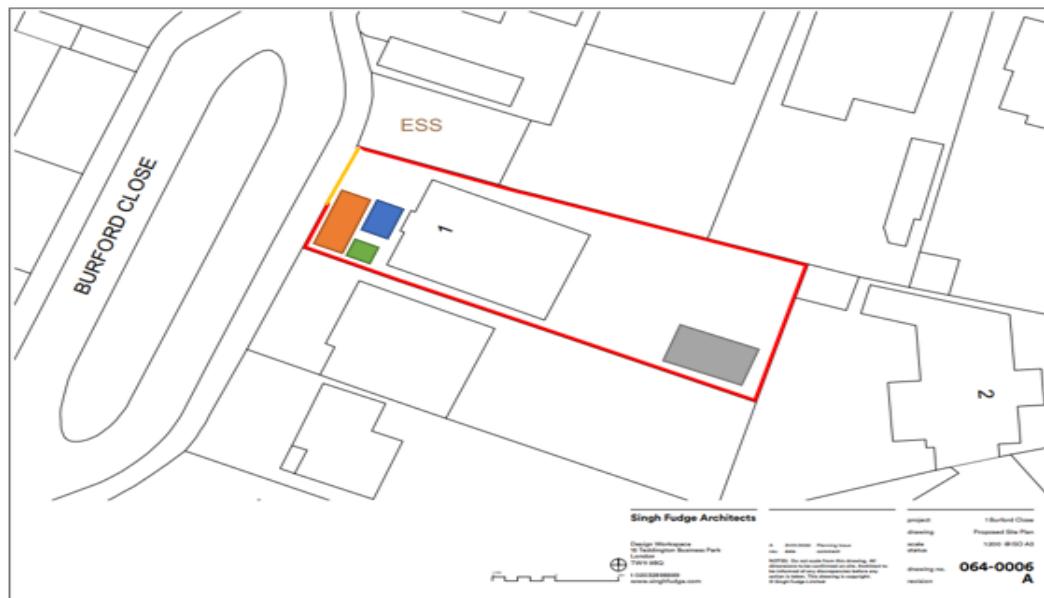
In the event a complaint is made, an investigation shall be carried out in conjunction with our CDM Advisor and an accurate log of complaints from the public will be maintained.

Travel Routes (Appendix A)



Site Setup (Appendix B)

I Burford Close, Ickenham, Site Setup



Index:

- Orange = Welfare cabin
- Yellow = Site gates/Entrance
- Green = Toilet
- Blue = Waste skip |
- Red = Site perimeter Fencing
- Grey = Storage area