CONSTRUCTION LOGISTICS PLAN AND METHOD STATEMENT

Site Contacts

Company **N/A**

Address **60 LONG LANE, ICKENHAM, UB10 8SZ**

Architect **The Gillett Macleod Partnership**

Address **1 High Road, Old Eastcote, Pinner HA5 2EW**

Start date **December 2022**

Finish **December 2023**

Toilet, washing and rest facilities **On site / Mobile Facilities**

Principle contractor **N/A**

Address **60 LONG LANE, ICKENHAM, UB10 8SZ**

Updated on site **Everybody will be updated on site by Mobile Telephones, emails and presences.**

About the Site

The site lies within an existing residential area close to Ickenham village. The site is served by public transport facilities in the form of buses immediately outside the site and within walking distance of the tube station at Ickenham and Hillingdon.

Access to the site is off Long lane. Parking is provided to the front of the site. Pedestrian access will also be off Long lane again utilising the existing crossover.

The site is in a CPZ area.

The Construction Activities

The works include the initial strip-out of all existing build and vegetable matter before work commences.

The main construction stage comprises the erection of a two storey detached building with habitable roof space for use as flats with associated parking and landscaping.

Noise generated by the demolition and construction process will be considered and its impact on neighboring properties mitigated. Suitable mitigation measures to be used include:

- Standard construction hours.

- The use of quieter alternative methods or mechanical plant, where reasonably practical.
- Locating plant, equipment, site offices, storage areas and worksites away from neighboring properties where reasonably practical.

- Machines and equipment, in intermittent use will be shut down or throttled down to a minimum when not in use;

- The use of site hoardings or portable acoustic enclosures/screens where practical.

- Maintaining and operating all vehicles, plant and equipment such that extraneous noise from mechanical vibration, creaking and squeaking is kept to a minimum. The equipment must comply with at least BS-7580-2 1997 Type 2 specification, as required by BS 5228-1:2009 "Code of practice for noise and vibration control on construction and open Sites 2 Part I: Noise. Annex G. - Where the operational risk levels illustrated within The Control of Noise at Work Regulations 2005 could be exceeded, the precautions set out to eliminate or reduce noise levels are to be implemented. Details of maximum exposure times are to be conveyed to the relevant Site Personnel and strictly adhered to.

- All temporary site lighting will be faced into the site, and not directed towards any neighboring properties.

- During works the main air pollution emissions are the dust generated when building materials are broken up and the fumes from machinery. The contractor will use high pressure hoses to saturate all bulk materials with water during the process and whilst loading the waste materials for disposal. Machinery exhaust emissions will be kept as low as is practical by using well maintained vehicles and machinery at all times.The site must comply and follow the published guidance by The Institute of Air Quality Management (IAQM) on how to assess impacts of emissions of dust from demolition and construction sites. - The plan must mention if any joint use of consolidation centres are used to deliver to the site or collaborating with other site or suppliers to reduce construction traffic in the borough. The site must reduce waste by reusing material on site where possible and follow smart procurement.

- Hoarding will be erected around the site. Along with reducing the visual impact and providing protection for the construction workers and public, this will also act as a barrier for dust and dirt originating from within the site.

The main dangers on site

- All HGV’s removing spoil from the site will be fully sheeted to minimize the risk of any mud over spilling onto the highway. A wheel-washing facility will be provided, as required, for the duration of the construction works to ensure the levels of soil on roadways near the site are minimized. The wheel-washing facilities will be in the form of a hose down point located adjacent to the entrance. The excavation is being loaded directly from conveyors into a lorry. So the wheel washing requirement is minimized, any overspill will be washed off the Road surface.

- The contractor will ensure that the area around the site including the public

highway is regularly and adequately swept to prevent any accumulation of dust and dirt.

- Burning of materials on site will not be permitted in order to prevent smoke emissions.

The standard working hours for this site

Where possible, construction deliveries are to be outside peak hours. - Details of site person in charge during and out of hours must be provided and displayed with a site notice in a prominent outside the site position. Attempts will be made to hold site meetings outside peak hours. On-street parking available on surrounding streets will be avoided at all times.

The developer will provide a start date for construction project and an expected end date for the project to complete and displayed as below;

Start date 1st December 2022
Finish date 1st December 2023

- Work which is audible at the site boundary
  8.00 to 17.30 on Monday to Friday
  8.00 to 13.00 on Saturday
- No working on Sundays or Public Holidays

Changes to services to be carried out that would be linked to the site during the works

Thames water, UKPN, BT –The contractor intend to discuss installation dates with the utilities suppliers, agree trenching details with them and coordinate installation dates. UKPN will stated the main power supply coming into the site and tests to the power supply need to be done. Confirmation on the pathway of main power supplies still need investigation and confirmation on route.

Traffic management

Freight Operators Recognition Scheme (FORS) Silver standard will be mandated by freight operators to support the development. Class VI mirror will be used by HGV entering site, vehicles with highest category of Direct Vision Standard will be used for this site, three stars or more equate to a 'good' rating.

Due to the restricted nature of the site, all vehicles entering and leaving the site will be control by a banksman.

Defined traffic management procedures are imperative for the efficient handling of materials and waste for the project, but also to ensure effective management of vehicles, passing traffic and pedestrians. The traffic management plan will be controlled by a Logistics Manager and reviewed regularly. The material deliveries and waste away will be within the controlled zone on site. Vehicles will turn off engines when delivering and will be turned away when the loading area is in use to

ensure no localized waiting.

The Project Manager and Logistics Manager will manage the traffic and working on site. All deliveries will be booked electronically in advance to ensure single delivery accommodation and co-ordination with waste removal.

Sizes of deliveries will be restricted and kept to a ‘just in time’. All suppliers and contractors will be given prior instruction for the route and procedure for deliveries and vehicle details which will be limited to those that can fit through the restricted width at the entrance of the site (3m). A lifting plan will be implemented in relation to all lifting operations involving lifting equipment. All lifting operations will be undertaken in accordance with Lifting Operations and Lifting Equipment Regulations 1998 (LOLER).

We will review the traffic route and aware of any other known developments occurring within our construction phase.
Where possible, joint use of consolidation centres will be used to deliver to the site.

Method statement

Prior to commencement of demolition, fencing & plywood hoarding will be erected to secure the site, gates to the site from Long Lane will be erected in this hoarding.

Tree protection will be prepared as necessary as shown on ‘’ tree survey, arboricultural impact assessment and method statement by Liz Greenwood’’

The construction exclusion zone as dwg. 12/2560/200 will be defined & secured with fencing.

Excavations for proposed building will be completed & foundation constructed, including the access from Long Lane, using a mini digger & mini skips.

The digger will generally be sited in the site compound & storage area as shown on dwg. 12/2560/200, any materials able to be recycled will be isolated & removed from site for recycling, skips for other materials will be located in this area.

Foundations & ground floor slab will be constructed, rig positioned & accessed from the site compound & storage area.

All muck away will be by grab Lorries located in Site compound & storage area.

Scaffolding will be erected for the new building 5 boards deep, feet will be sited on timber boards 500mm long to spread load.

The new building will be constructed.

Any crane works will be accessed from Site compound & storage area.

New drain & services runs will be excavated by hand in root protection areas.

Care will be taken when striking scaffold to ensure no materials fall onto tree protection areas.

The main dangers on site

CUTTING AND BREAKING OUT OF CONCRETE AND STONE PRODUCTS

Water assisted dust suppression cutters only to be used on site to minimize the silica dust. Any breaking out of concrete manually is to be accompanied by an operative to assist with the host pipe to wet down and avoid the creation of any dust.

FALLS FROM HEIGHT
Ladders will be in good condition, at the correct angle and secured n Prevent people and materials falling from roofs, gable ends, working platforms and other open edges using guardrails, midrails and toe boards.

COLLAPSE OF EXCAVATIONS
Shore excavations will be either cover or barrier excavations to stop people and plant falling in

COLLAPSE OF STRUCTURES
Support structures (such as walls, beams, chimney breasts and roofs) with props will be ensure props are installed by a competent person.

EXPOSURE TO BUILDING DUSTS
Prevent dust will be using wet cutting and vacuum extraction on tools; use a vacuum cleaner rather than sweeping; use a suitable, well-fitting mask

ACTIVITIES OR WORKERS REQUIRING SUPERVISION
The main contractor will be supervising.

ELECTRICITY
Electricity supply and other services will be turn off before drilling into walls and there will not use excavators or power tools near suspected buried services.
Risks to members of the public, the client and others
The site will be secured to prevent unauthorized access using site boarded and net will be used for scaffolds and rubbish chutes.
