

CONSTRUCTION METHOD STATEMENT

Site Contacts

Owner	JAMES DADDAR
Address	269 Swakeleys Road, Ickenham, UB10 8DR
Architect	The Gillett Macleod Partnership
Address	1 High Road, Old Eastcote, Pinner HA5 2EW
Start date	March 2020
Finish date	September 2020
Toilet, washing and rest facilities	On site / Mobile Facilities
Principle contractor	BELAIR SERVICES
Address	269 Swakeleys Road, Ickenham, UB10 8DR
Updated on site	Everybody will be updated on site by Mobile Telephones, emails and presences.

About the Site

The application relates to a two storey, detached dwelling house located to the South East of Swakeleys Road. The render and tiles dwelling is set back from the road by over 13 metres of hardstanding and soft landscaping, which allows space to park multiple cars within the curtilage of the dwelling. To the rear of the property lies a garden area which acts as private amenity space for the occupiers.

The Construction Activities

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

The main construction stage comprises the erection of a detached houses with accommodation within the roof space 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.
- 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.
- 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

- 8.30 to 16.30 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

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.

Method statement

Prior to commencement of demolition, fencing & plywood hoarding will be erected to secure the site.

Tree protection will be prepared as necessary as shown on drawing No.19/3272/110

The construction exclusion zone as dwg. 19/3272/110 will be defined & secured with fencing.

Excavations for proposed building will be completed & foundation constructed.

The digger will generally be sited in the site compound & storage area as shown on dwg. 19/3272/110, 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 mini skips located in Site compound & storage area. Scaffolding will be erected for the dwelling 5 boards deep, feet will be sited on timber boards 500mm long to spread load.

The extension 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.
