

**CONSTRUCTION  
TRAFFIC  
MANAGEMENT PLAN  
TO 20 PLATT'S LANE**

Job No.: 1309122

REV:

Feb 2015

## **CONSTRUCTION TRAFFIC MANAGEMENT PLAN TO 20 PLATT'S LANE, NW3 7NS**

Proposed construction management plan proposal as follows:

### **i. the parking of vehicles of site operatives and visitors**

Site operatives will use public transport to attend the works. Visitors will be requested to use public transport wherever practicable, alternatively they will be advised to use the pay parking facilities in the area.

### **ii. loading and unloading of plant and materials**

For loading and unloading vehicles we will park off Platts Lane in Ferncroft Avenue to avoid impacting on the traffic along Platts Lane.

Spoil will be removed by a grab lorry adjacent to the off road access to the property. During this process we will utilise banksmen with 'Stop/Go' boards to control the traffic past the lorry.

Concrete will be delivered by a lorry parked adjacent to the off road access to the property. During this process we will utilise banksmen with 'Stop/Go' boards to control the traffic past the lorry.

Spoil removal and concrete deliveries will be scheduled for outside of the busy times ie: between 9:00 and 15:00

### **iii. storage of plant and materials used in constructing the development**

All plant and materials will be housed within the boundary of the property and not the path or road.

### **iv. how noise will be minimised**

1. Noise will be kept within the legal limits as defined in the Environmental Protection Act 1990.

2. Noisy operations will only take place during the following site working hours:

- Monday to Friday - 8am to 6pm
- Saturdays - 8am to 1pm

3. All work will be carried out in accordance with BS 5228-1:2009 and BS 5228-2:2009. All works will employ Best Practicable Means as defined by Section 72 of the Control of Pollution Act 1972 to minimise the effects of noise and vibration. All means of managing and reducing noise and vibration which can be practicably applied at reasonable cost will be implemented.

4. The following measures will be taken:

a. Use only of modern, quiet and well maintained equipment, all of which will comply with the EC Directives and UK regulations set out in BS 5228-1:2009.

b. Use of electrically powered hand tools rather than air powered tools that require a compressor unless particularly hard concrete or other ground obstructions are encountered. If used air powered tools and a compressor will be used for to the minimum extent practicable.

c. Operating the site as a closed site, that is:

i. Leaving the building facade and roof in place during the work.

ii. Having all windows and door closed during noisy operations within the building (the basement is being built only within the footprint of the existing building).

iii. Installing insulation in the windows and other openings at ground floor to reduce noise escaping the site.

iv. Closing openings in the building / hoarding with timber and lining insulation.

d. Avoidance of unnecessary noise (such as engines idling between operations or excessive engine revving, no radios no shouting)

e. Use of screws and drills rather than nails for fixing the hoarding.

f. Careful handling of materials, so no dropping of materials from height into skip etc.

Spoil will be deposited into the skip from approximately two metres height but this does not cause unreasonable noise.

g. Ensuring that the conveyor is well maintained with rollers in good working order and well oiled.

h. Isolating the neighbouring properties from vibration / breaking out work where

practicable. In particular the edges of the existing concrete slab at ground floor will be broken out first (isolating the remaining slab at ground floor) before the main part of the

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existing ground floor slab is removed.

i. Collection / delivery times will be as advised

j. Collection / delivery vehicles will not loiter / wait in the area before the allowed times.

5. Vibration will be kept well below the levels that may damage buildings, given in BS 7385-2:1993.

### **v. measures to control the emission of dust and dirt during construction**

1. The site has been assessed using the Mayor of London's Best Practice Guidance on The control of dust and emissions from construction and demolition, November 2006, section 4.1 as a Low risk site as it is:

- Under 1,000 square metres of land.
- Development of between one and ten properties.
- Has potential for emissions and dust to have an infrequent impact on sensitive receptors.

This is based on the site being within the enclosure of the existing building.

2. In accordance with the guidance the following actions will be taken:

a. Barriers will be erected / maintained around dusty activities and the site boundary.

b. The site will be planned so that dusty activities are kept within the protected site boundaries where practicable.

c. Delivery / collection vehicles will switch off engines where possible.

d. The onsite mini-digger will be thoroughly cleaned before being moved from site.

e. All materials will be supplied covered including all cement and ballast that will be supplied in closed bags and covered in shrink wrapped plastic sheeting. No materials will be supplied in loose form.

f. No site run off of water or mud until the water has been left to settle and is free from particles.

g. During demolition:

i. Special care to ensure that the site is closed.

ii. Water to be used as a dust suppressant if appropriate / needed.

iii. Cutting equipment to use water as a suppressant or to have a local extraction ventilation system.

h. The skip will be fully covered during normal operations.

i. The skip will be damped down before the grab removes the spoil if appropriate / needed.

If measures to control dust are unsuccessful work will stop and alternative methods will be devised.

### **vi. a scheme for recycling/disposing of waste resulting from construction works**

All waste will be disposed of by certified contractors who adopt the relevant appropriate recycling policies