FUTURE VISIONS UK LTD

CONSTRUCTION METHOD STATEMENT

- Development of 2 Storey House

BY MR MUNAWAR

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LOCATION : REAR OF 196 ABBS CROSS LANE, HORNCHURCH, RM12 4XR,
7 BETHANY CLOSE, HORNCHURCH, RM124QD

Proposal :

Application for reserved matters related to appearance, means of access, landscaping, layout and scale

Proposal for Development of 2 storey Detached House

CONSTRUCTION METHOD STATEMENT

The relevant authorities of LABC, HSE would be formally informed and required applications will be submitted in the relevant authorities. The required log books would be maintained for health and safety purposes. Health and Safety measures, security arrangement and boundary fence would be provided prior to start any construction works. The works will be carried out between 8am to 6 pm and on Saturdays 8am to 1:00 pm.

a-Hours of Construction :

The works will be carried out between 8:30 am to 5:30 pm and on Saturdays 8:30 am to :01 pm.

b)Hours of Deliveries

The deliveries would be allowed in off peak hours between 10 :30 am to -2 Pm to avoid peak hours and school timings

c) Parking of vehicles of site personnel, visitors and access to the site

The works would be carried in different phases of development

Ground footings & DPC

Super structure up to eaves

Steel structure works

Roofing works

Internal finishing works

Decorative works

Mechanical Equipment installation

1-Car Parking of Personnel

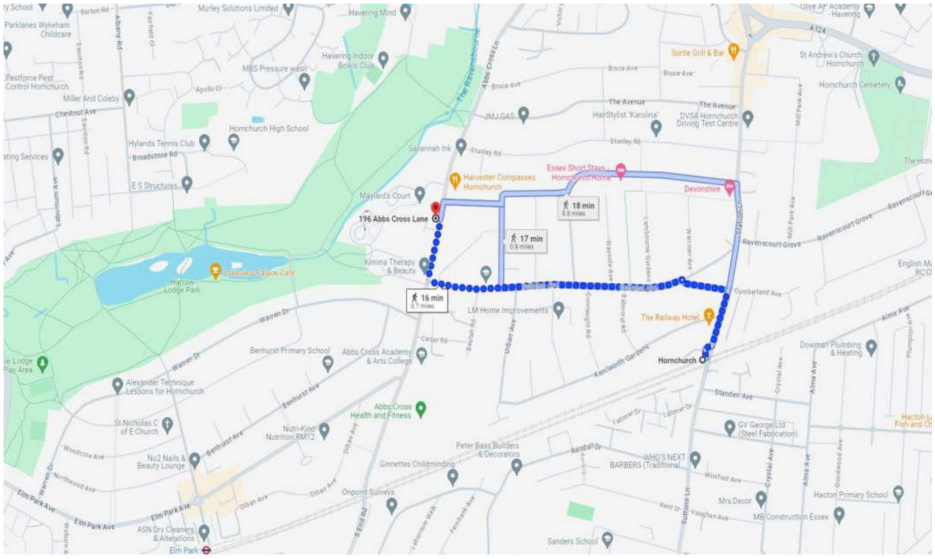
1-Due to small scale development it is considered that maximum number of personnel would be 5 at one activity (as stated above) , therefore maximum number of cars for personals is estimated to be 2 . There are free car parking spaces available along Abbs Cross Lane at marked positions. The visitors or workers would be advised to find the space and parking spaces along Abbs Cross Lane within Marked Bays .

Photograph showing on street car parking along Abbs Cross Lane

Any visitors who want to visit the site for the purpose of development would be instructed to visit within off peak hours and they can park car within the available parking bays.

Hornchurch Train Station is situated at distance of 0.7 Miles from development site and 16 Minutes Walking Distance. The Work Personnel would be encouraged to use the train link to get into site for daily works.

Map showing location of Hornchurch Station with reference to Site



: Future Visions Uk Ltd: First Floor , Unit -3 , Waterside Trading Centre , Trumpers Way London , W72QD
Tel:00447402234647 - Email:futurevisions27@gmail.com

Furthermore there are bus routes No.256-193 -252, which operate along Abbs Cross, and application site is within walking distance from the nearest bus stop

2-Storage of relevant machinery

2- The excavator and other relevant small machines can be accommodated within the site at delivery unloading area (specified in proposed site plan)

3-Storage of Materials and hand held tools

The materials (cement, bounding compounds, dpm sheets, plywood boards) which required indoor storage can be stored within the temporary shed to be constructed prior to start any excavation or development works for Development. The outdoor materials like , bricks , blocks , sand , steels , PIR insulations , Timber , Metal products can be stored within the centre of development site (referred to proposed site plan) .

d) Dust management controls;

There is not much demolition associated with the development. There is not any demolition of existing buildings at site .Most of the site is detached from all neighbouring properties and comprises of vacant wet garden land . The site is fairly levelled and there is not much need to remove raided plinth to lower the level of land. The workers would be bound to use necessary PPE

The most of the part of construction area compromises of garden land, wet in nature, having no dust or soil surface. The excavation of footings would be carried out by using the Medium Weight Excavators (1.5 -3 tons machines). The soil generated by the excavators would be removed immediately by using grabber Lorries to take away from site to dispose off.

In the case if any heap of soil remains un-removed from the site, it will be kept covered by weather proof sheet until its removal.

The neighbouring properties are well apart from the construction site and also contained in the fence. Therefore chances of the dust to flying into the neighbouring properties are very low. However all of the neighbours would be kept informed of the activities being carried out at site to address their concerns.

The delivery vehicle would be able to serve the site from Parkhill Close. The road is tarmac surfaced and there are no changes of wheels being dirty out of mud.

However External tap would be provided near the entrance gate to clean tyres if required.

Photograph showing the Entrance to the site from Parkhill Close

PROVISION OF DAMPENING SPRAYS

The provision of the extra long water hose would be made at site to spray water on the road, to control the dust in dry and hot weather. It would not be recommended to the workers to sweep the dry surfaces, while cleaning the site particularly in hot weather.

SPEED LIMIT FOR DELIVERY VEHICLES

The Lorries drivers would be advised to follow speed limit of 10 miles while driving through

Parkhill Close .

All delivery company's would be advised to call 1 hour to the person ''delivery in- charge '' to allow him to make suitable arrangement to download deliveries.

Photograph showing vehicular Parkhill Close for Lorry Entrance

e) Measures for minimising the impact of noise and, if appropriate, vibration arising from construction activities;

There is not involvement of breaking of huge structures and concrete structures in the construction area. Most of the construction land is vacant. The construction includes the excavation of footings by using medium weight excavators. The adjoining properties are well apart and detached from construction site. The neighbours would be informed to keep those windows closed during excavation, which open towards the construction site.

f) Predicted noise and, if appropriate, vibration levels for construction using Methodologies and at points agreed with the Local Planning Authority;

The noise level would be monitored by using professional Sound Level Meter during the noisy activities of grinding and cutting processes. However it is new construction and will not involve any heavy machinery for grinding and cutting.

It would be assured that noise of daily or average exposure does not exceed the limit of 80 dB as recommended by HSE -Noise at Work regulation 2012. The noise exposure levels would be monitored as per schedule given below and measures would be taken if it exceeds the specified limits. The employees would be strictly restricted to wear PPE while involved in grinding and cutting procedures. Less noisy tools would be used for these purposes. Off peak times would be selected and such procedures would be carried out for shorter period of times. The most of the vibrations are associated with the cutting and breaking procedures for huge structures .There is not heavy duty concrete cutting or breaking involved and chances of getting huge vibration spells are very unlikely .

Maximum Recommended Noise Dose Exposure Levels

Noise Level (dBA)	Maximum Exposure Time per 24 Hours
85	8 hours
88	4 hours
91	2 hours
94	1 hour
97	30 minutes
100	15 minutes
103	7.5 minutes
106	3.7 minutes
109	112 seconds
112	56 seconds
115	28 seconds
118	14 seconds
121	7 seconds
124	3 seconds
127	1 second
130–140	less than 1 second
140	NO EXPOSURE

It will be assured that average exposure level do not exceed than those of recommended noise dose exposure levels.

g) Scheme for monitoring noise and if appropriate, vibration levels using methodologies and at points agreed with the Local Planning Authorities;

It has already been described that there is not such breaking or demotion, which involve creation of huge and long hours of vibration during construction works.

The construction involves the erection of two storey brick work. And pouring of footings by using ready mix- concrete Lorry. The site is detached from all properties

SOURCES OF NOISE

The sources of noise which may affect the adjoining properties may contain, Excavators, Breakers, Cement sand mixer during brick works and delivery Lorries.

The Maximum exposure of the Noise Level generated by 1.2 Tone machine varies form 83 – 75 dBA for 254 hrs. Which will fall within the Noise exposure Level of 85dBA for 24 hours? It is confirmed that total excavation time frame would not exceed than those of 8 hours. It is being also confirmed that adjoining properties are situated apart from the construction site.

NO USE OF PORTABLE GENERATORS

There would be no usage of portable generators for power consumption. The Electric mains would be used to re-charge tools, mixers etc. A separate consumer unit would be installed on temporary basis for construction works.

NOISE FROM CONCRETE READY MIX LORRIES AND PUMPS

The maximum noise level form a Ready Mix lorry to be 85 dBA , when measured form 10 M apart . The site is feasible for vehicular access and concrete ready mix truck is proposed to be used at 2 Key Stages of works.

1- Poring ready mix concrete in footings
2- Pouring ready mix for concrete floor slab

The pouring of footings would require 1 hour of time frame to complete the pouring process. Similarly the floor slab also requires 1 hour time period completing the works.

The existing properties are detached from the proposed site and noise level would be within allowance limit.

Delivery Vehicles & Ready Mix Lorries

The delivery vehicles and Ready mix vehicles would be advised to follow the speed limit of Maximum 10M/ hour, while entering into Lancing Road. The Notification would be written at site entrance. It would be confirmed that no deliveries and ready mix Lorries to serve the site during peak hours.

NOISE FROM CEMENT SAND MORTAR MIXER

It is proposed to use 94 Litre Electric mixers to prepare the Cement Sand Mixer to prepare mortar

These are quieter mixers than those of the Engine operated mixers.

NOISE FROM RADIOS OR LOUD MUSIC

The personnel's working at site would be prohibited to use Radio O R Bluetooth Speakers and any kind of Loud Music Producing Gadget.

h) Sitting and design of temporary Buildings;

Temporary buildings include followings buildings

1- Site office will be situated within one of the room at the site to store necessary documentation or conduct a site meeting with professionals
2- Constructed of the timber frame and external rated ply wood and shown on the construction design plan (referred to site plan Cond-FV-2025-02 A)
3- Portable toilet will be placed at site for the workers and visitors and would be serviced by the lender.
4- Site storage will be made at site (referred to proposed plan no Cond-Fv-2025-02A)
5- A small staff room would be made within the site area with access form Parkhill Close .Workers would be allowed to use microwave (to be provided within the kitchen) to hot their food hot during break hours.
6- It is proposed to keep entrance road safe and clean all times to prevent the nuisance.
7- External Water taps would be provided to use the water for construction / Personals

h) Scheme for security fencing/hoardings, depicting a readily visible 24-hour contact number for queries or emergencies;

The site is already surrounded by fence and timber gate arrangements , which will prevent the entrance of outsiders from entrance into the site . An entry gate already exists within the site . Entrance gate will contain a door bell and CCTV monitoring. 24 hours emergency contact numbers would be displayed at the entrance point of the fence gate and also on the entrance point of the site from Parkhill Close

Please see the attached plan (Con- FV-2024-01) showing the development site with reference to adjoining properties and site entrance

Following instruction notices would be displayed at the entrance point from parsonage road to the site gate

1-24 hr Emergency contact details will be displayed

2-Health and safety notices will be displayed

3-Visitor's instructions for visitors

4-Delivery vehicle instructions would be displayed at the entrance point from Lancing Road

i) **Details of disposal of waste arising from the construction programme, including final disposal points. The burning of waste on the site**

All of the wastes arising from the construction would be stored into skips and removed immediately once skips are filled. The soil generated by excavation of footings would be removed at the same time by using grabber Lorries. A private skip company will be hired to dispose the skips at their permitted site.

The waste generated will be covered by weather shield in case skips need to be kept on site for shorter periods.

It is confirmed that none of the waste materials would be burnt at site.

It is being confirmed that the works will be started after submission of necessary information to relevant authorities including HSE. The submitted procedures would be followed. The site display notices would be displayed for visitors and delivery vehicles. Works will be carried out as per Heath and safety work Act 1974.

Noise and vibration levels would be monitored by using professional's services and measures

would be taken if necessary as per specialist consultants.

The site will be kept cleaned and good housekeeping would be maintained.

Adjoining properties are well apart from construction area within site and measures will be taken to protect the dust and noise being generated from cutting, excavation and grinding procedures. Site would be secured by using strong plywood hoarding and will be monitored with CCTV. Staff facilities of kitchen, staff room would be provided.

It is being proposed that sufficient information has been provided to pass this Construction Procedure Statement and scheme should be passed based upon provided information.

NON-ROAD MOBILE MACHINARY COMPLIANCE

(NRMM) is a broad category, which includes mobile machines and transportable industrial equipment or vehicles that are fitted with an internal combustion engine and not meant for transporting goods or passengers on roads. The development includes the usage of 1.2-3.0 Toned excavators to excavate the footings and trenches for pad footings. These machines can be transported by using medium lorry with t typical length 7.9m (26ft) typical width 3m (9.85ft) Typical height at rest 2.9m (9.5ft) Typical height at full tip 7m (23ft) Maximum vehicle weight 26 tonnes Six wheeler tipper trucks incur a surcharge.

It is confirmed that excavator / Dumper (Skip loader) can be downloaded directly within site area.

Details confirming that all delivery vehicles are registered under the Freight Operators Recognition Scheme (FORS) achieving a minimum of silver status

The most of deliveries for the construction materials would be ordered from Building warehouses operate nationally like ‘’Selco Builders Warehouse, Wickes, Travis Perkins, Rainham Steels Ltd, B&Q etc .

These organisations meet the latest requirement of ‘’ FORS’’ where driver licence and endorsements are verified through a service that directly accesses the Driver and Vehicle Licensing Agency (DVLA) data.