MOUNTACRE

# CONSTRUCTION MANAGEMENT PLAN

35 Phillips Lane Formby Liverpool

Erection of a 2 storey dwelling, a bungalow and a single storey extension and glazed link to the existing dwelling at 48 Duke Street following the demolition of the existing garage premises at 35 Phillips Lane

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## SCOPE OF WORKS

1. The scheme involves Erection of a 2 storey dwelling, a bungalow and a single storey extension and glazed link to the existing dwelling at 48 Duke Street following the demolition of the existing garage premises at 35 Phillips Lane

## SUITABLE HOURS OF CONSTRUCTION & DEMOLITION

2. The project is a relatively simple housing scheme with no notable works which would cause significant noise pollution. The close proximity of residential housing has been noted and there will be no construction activities, or operation of heavy plant etc. outside normal working hours of 8.00am – 5.30pm, furthermore material removal and delivery vehicle movements will be limited when possible to the hours between 09:30 – 2:20pm.

## ENABLING WORKS & FORMATION OF SITE PERIMETER

3. The site perimeter is already established with fencing, the existing access onto Phillips Lane and frontage along Duke Street will be fitted good quality Heras security fencing. Signage will be added to the fencing to communicate appropriate health and safety notices (including site manager contact details), company branding and description of the forthcoming scheme. Neighbors will be notified of works in advance and also supplied with the site managers contact details.

4. Fencing will be positioned around trees to prevent site operations affecting root and branch growth.

5. Existing hard standing area of the land affronting Phillips lane along with a newly formed hardstanding for the bungalow's driveway area will be used for site vehicles, storage of materials and site welfare and storage cabins.

## SITE PARKING & STORAGE OF PLANT

3.1 Where possible, designated parking bays will be provided for visitor and contractor vehicles on the sites hard standing to reduce the need for any on street parking. Furthermore, where possible, workers will be asked to lift share, use public transport, walk or cycle to minimize the number of vehicles visiting the site.

3.2 All materials and plant will be stored within the fenced site area. Weather vulnerable materials such as cement and equipment will be stored in a secure cabin. Valuable plant and materials will be concealed to deter trespass and theft.

## MANAGEMENT OF VEHICLE ACCESS, EGRESS, LOADING & UNLOADING

4.1 Access to the site during the demolition and construction phases will be provided via gates affronting Phillips Lane and Duke Street. All traffic entering, exiting and approaching the site will be accompanied by a banksman. Please see appendix for proposed plans.

4.2 During construction smaller vehicles will utilize the access provided via gates and will have the ability to turn around and exit the highway at its junction in forward gear.

4.3 During construction larger HGV's delivering materials will be directed by a banksman to pull up alongside the entrance to the site and be unloaded with a telehandler to avoid such vehicles exiting the site in reverse gear and as such ensure all traffic will exit the site in forward gear only.

4.4 To avoid disruption to local traffic, there will be no parking along Duke street and deliveries will be arranged to one vehicle at a time and booked to limit movements (when possible) to the hours between 09:30 – 2:20pm.

## WHEEL WASH FACILITY

5.1 Prior to leaving the site, vehicles will be inspected and if necessary wheels will be washed on the hard standing using a hose pipe and brush.

5.2 The contractor will continually monitor the condition of the highway and utilize a road sweeper when required.

## MANAGEMENT OF DIRT & DUST

6.1 If dust emissions are generated during a dry period the contractor will use water spray to wet the material and suppress the dust.

6.2 The site manager will take account of weather conditions and prevailing wind direction when organising operations to prevent and minimise dust nuisance to neighbouring properties.

6.3 All site staff will be made aware of the Dust Management Strategy.

6.4 The site's existing tarmac surface will be retained as long as feasibly possible during construction to provide a good, clean working platform and prevent road contamination.

6.5 In the event of a complaint form a neighbouring property in respect of dust their concerns will be considered and action taken to prevent future occurrence.

6.6 All site staff will have appropriate PPE to protect them from the effects of dust.

6.7 The contractor will continually monitor the condition of the highway and utilize a road sweeper when required.

6.8 No burning of materials or bonfires will be permitted on site.

## EXCAVATION AND GROUND WORKS

**Underground Services**

7.1 Prior to commencing excavations, the site area will be checked for overhead and underground services.

7.2 Service plans from Utility providers will be reviewed and the site area checked over using a locating device.

7.3 Once identified, service routes will be clearly marked. If markings are lost during the working operation the exercise will be repeated to ensure service routes remain clearly marked as required for the duration of the works.

7.4 Works will be undertaken in accordance with the HSE Guidance Document, Avoiding danger from

underground services.

**Excavations**

7.5 Excavation with a depth exceeding 1m, will be suitably shored and the shoring maintained. Said excavations will be inspected regularly and excess groundwater pumped out regularly during inclement weather. Furthermore, vehicle plant will be kept a safe working distance from excavations to prevent potential collapse and no site operatives will work below an excavator. Protective barriers will be set out around excavated areas to prevent site operatives, visitors and trespassers from falling.

## PROTECTION OF EXISTING TREES TO BE RETAINED

8.1 Fencing will be positioned around trees to prevent site operations affecting root and branch growth.

## RECYCLING & DISPOSING OF WASTE RESULTING CONSTRUCTION WORK

9.1 In respect of the construction work, the following measures have been identified to minimise the quantity of waste produced during this project:

9.2 The experienced site manager will be responsible for identifying and segregating waste on site.

9.3 All construction waste will be deposited in skips and dealt with by a skip management company.

9.4 Certain materials arising from demolition such as slate and stone will be segregated, preserved and re-used in future construction.

## NOISE CONTROL

10.1 Whilst working on site the contractor will adhere to the recommendations of BS 5228 -1:2009 'Code of practice for noise and vibration control on construction and open sites – Part: Noise' to minimize noise levels during the execution of the Works.

10.2 There is mains power supplying the site and no generators will be used.

10.3 The close proximity of residential housing has been noted and there will be no operation of heavy plant etc. outside normal working hours of 8.00am – 5.30pm, furthermore material removal and delivery vehicle movements will be limited to the hours between 09:30 – 2:20pm.

## APPENDIX

11.1 Construction & Environmental Management Plan


Water
Car Parking
Site Welfare
Loading Bay
Pedestrian Access
DUKE STREET
48
48A
50
6
MEADOWCROFT
33
37
PHILLIPS LANE