

# Method Statement for Erection of Single Story Detached Garage

14 Hall Farm Rise, Thurnscoe, Rotherham, S63 0JL

## Method Statement

Produced 15.05.19

### Description of Works

Erection of a single story, single leaf brick built, pitched tiled roof single garage to the north east corner of the plot of the dwelling 14 Hall Farm Rise Thurnscoe, as below:



As shown the eastern elevation boundary is the Sheffield to Leeds railway line which is elevated on an embankment approximately 3.5m above and a further 4m east of the boundary line

The plot is surrounded by other dwellings in the cul-de-sac of Hall Farm Rise on the Hall Farm Drive Development constructed in the early 1990's

## Build Methodology

### Groundworks

The reduced level dig, drainage connections and foundations will be completed by utilising a small excavator, arisings stockpiled near to the entrance of the plot for collection by grab wagon. Excavations, although expected to be shallow, will only be made when good weather is forecast and footings poured the same day where possible to avoid any issues with dewatering trenches, stability of soils and general health and safety issues relating to open trenches

Once the footings have been filled to level the below ground and splash courses will be laid up to dpc height, the under slab area can be formed as required, made good / up with type 1 material, compacted then blinded with sand ready for the dpm to be installed and jointed to the dpc

All concrete used below ground and to form the slab will be delivered as ready mix to the agreed specification. Placed to levels and vibrating poked and trowelled to a suitable finish

The ground external to the new garage will be brought up to a level surface suitable for operatives to safely access as soon as is practicable

### Brick Super Structure

The building will be completed in a matching brick, brick bond and brick details to the existing dwelling and dwellings already insitu on the housing estate. The works will progress setting out the corners of the project, then set out the window / door apertures using temporary profiles made from timber 10mm over size in width and height to allow for the installation and sealing of these items. It is anticipated to set the build out to suit the gauge of the bricks used for the project

Bricks will be cut using either a hammer and bolster or splitter to minimise airborne silica dust or by using a stihl saw with dust suppression apparatus

Mortar will be batched onsite daily as required. Sand will be delivered via bulk bags, wetted as required to reduce dust whilst onsite, cement will be delivered in sealed plastic weatherproof packaging to reduce waste and minimise flammable paper packaging

Good Housekeeping will be required to ensure there is no chance of any packaging materials, brick wrapping, cement bags, visqueen etc can become airborne and blow onto the adjacent railway, all items must be immediately disposed of into the skip and weighted down with other waste items as required to secure the item

As the brickwork progresses access will be provided to the first lift and gables using trestles to the external leaf and a fully boarded deck internally, no tube and fitting scaffold will be utilised due to the proximity of the railway

### Loose Roof Timbers and Roof Tiling

The wall plate will be bedded on mortar and strapped onto the masonry at the centres stated

The trusses will be designed and delivered by specialist manufacturers and installed by a joiner. The trusses being relatively small will be a two man lift into position braced and strapped to the manufacturer's instructions

The roof sarking felt will be installed and battened to centres as required to suit the lap of the tiles

### Plant

1.6t 360 Mini Digger

8-wheel rigid wagon

Vibrating poker

Wacker plate compactor

Petrol Cement Mixer

Brick/Block Splitter

8yd open general waste skip

Trestles

Sthil Saw

General/various small hand and cordless power tools

### Materials

Readymix Concrete

Mot Type 1

Mortar batched and mixed onsite

Bricks

Timbers

Felt

Roof tiles

Doors

Upvc Pedestrian Door

Upvc Fascia, Gutter and Down Pipes

#### PPE Required

Gloves, Steel toe cap and midsole boots, Dust mask, Safety glasses

See Risk Assessment for specific PPE requirements

#### Traffic Management Plan

All deliveries and contractors, businesses and merchants to be sourced locally where possible

Deliveries to be made via rigid wagons with hiab (bricks / roof tiles / trusses), sundry items via 3.5t van / pick ups

Contractor parking onsite only

Deliveries to approach from shepherd Lane / Thurnscoe Bridge Lane, into Hall farm Drive and into Hall Farm Rise

Larger vehicles to be banked in or out as required