existing roof tiles to bungalow

existing rafters are 75x50

air flow vent

felt layer, Rubberoid sheet roofing up cavity

fibreglass insulation in existing roof space to bungalow

existing ceiling joists are 75x50

existing plastered ceiling

existing timber wall plate

existing concrete reinforced lintol

bookwork on concrete lintol new plaster

new concrete infront of existing lintol

make good to plaster around existing lintol

110mm ø plastic soil & vent pipe with regulation cowl & lead slate or similar sleeve flashing

timber or ply panel timber fillet

100x50 C16 timber framing to form upstand insulated with 100mm CELOTEX

cover strip in upvc

50x19mm timber fairing strips on joists

50mm air flow space

150mm CELOTEX insulation

aluminium framed lantern light with double glazed panels

form opening for lantern light with double joists and noggins

line opening to lantern light in 27mm plasterboard ceiling

ceiling to be in 27mm thermal laminate plasterboard with plaster skim finish

200x50 C16 grade timber joists @ 400 centres

roof covering in Rubberoid sheet roofing

150mm CELOTEX insulation between joists

22mm exterior ply or similar sheeting to roof

air flow vent

50mm air flow space

plastic gutter on brackets

175mm timber or upvc fascia

100x75 C16 grade bedded to inner blockwork skin and strapped to roof with a 1200mm long lead galvanised wall plate strap @ 1800mm centres.

existing floor to ceiling height 2350

box in the soil & vent pipe

skirtings to match existing

existing concrete floor slab on polythene membrane

existing hardcore under the floor slab

drill edge of existing concrete floor every 450mm and insert 10mm steel dowels set in epoxy resin

110mm plastic duct with flexible joints surrounded in 150mm pea gravel

existing cavity walls in footings

floor to be 100mm minimum thickness concrete with a trowelled smooth finish on 1200 gauge underfloor polythene dpm proof membrane on 185mm thick CELOTEX or similar insulation on 150mm minimum compacted limestone hardcore

polythene dpm membrane turned up wall and turned on to cover timber sills

opening formed by removing existing sliding patio doors and frame, and fitting spot and dab 12.5mm plasterboard to reveals

spot and dab 12.5mm plasterboard to walls and finish with plaster finish

outline of kitchen base units and worktop

300mm external cavity walls comprising of 100mm thick external brickwork skin, a 150mm cavity fibreglass insulation and a 100mm internal skin in clinker blocks, and incorporating SMS stainless steel wall ties per square metre in a diamond pattern.

dpc felt on top of blue bricks

150 course blue brick dpc

ground level

concrete blocks to foundation trench

polythene dpm

trench fill concrete foundation

depth of foundation excavation depending on ground conditions

100

600

600

Sectional Details for Proposed Extension to 17 Purchase Avenue Heanor Derbyshire DE75 7GB.

for Mr A. Hobday
scale 1:10
date March 2022

A. HUBBARD
BUILDER & DESIGNER
82 DERBY ROAD · HEANOR · DERBYSHIRE · DE75 7QJ
Tel: 01773 768989 Mobile 07415 945709