Foundations

Raft construction to be min. 200mm. 35N concrete reinforced with A193 mesh in top of slab & also 600mm.wide layer in bottom at edges of slab min 50mm. cover to steel, 2000 gauge "Visqueen" on min. 150mm. clean consolidated & sand blinded hardcore.

Brickwork

Brickwork to match existing & to satisfaction of Local Authority, 50mm. clear cavity, 100mm. Rockwool Batts ,100mm load bearing blocks
Wall ties to be stainless steel place 5 per m2 & at 225mm c/c. at reveals. & up gables Lintels to be I.G. L1/S100 to openings all with min. 150mm. end bearing.
30mm. x 5mm. galvanized mild steel anchor ties to be provided at max. 2m. c/c. at, ceiling & up roof slope (these to be screwed to solid noggins over 3 no. joist or rafters).
D.P.C. to be provided min. 150mm. above ground level together with a tray D.P.C. & to heads, sills & reveals of side door & window openings.

Roof Construction

Roof tiles to match bungalow with colour to match existing & to satisfaction of Local Authority, on 38mm. x 25mm. tile battens; untearable sarking felt, truss rafters to B.S.S. at 600mm. c/c. under drawn with 12.5mm. plasterboard & skim.
100mm. x 25mm. diagonal & horizontal wind bracing twice nailed with 3.35mm. x 65mm. long galvanized round wire nails.
100mm. x 50mm. wall plate.
100mm. fibreglass between ceiling spars & 170mm. fibreglass laid at 90 degrees to first layer (total 270mm.).
P.V.C. spacers between spars to ensure ventilation is not obstructed
Roof to be vented at eaves by Marley eaves vent system fixed in accordance with the manufacturers instructions
Fascias to match existing bungalow & Marley Verge tiles fitted to gables

Windows &Doors

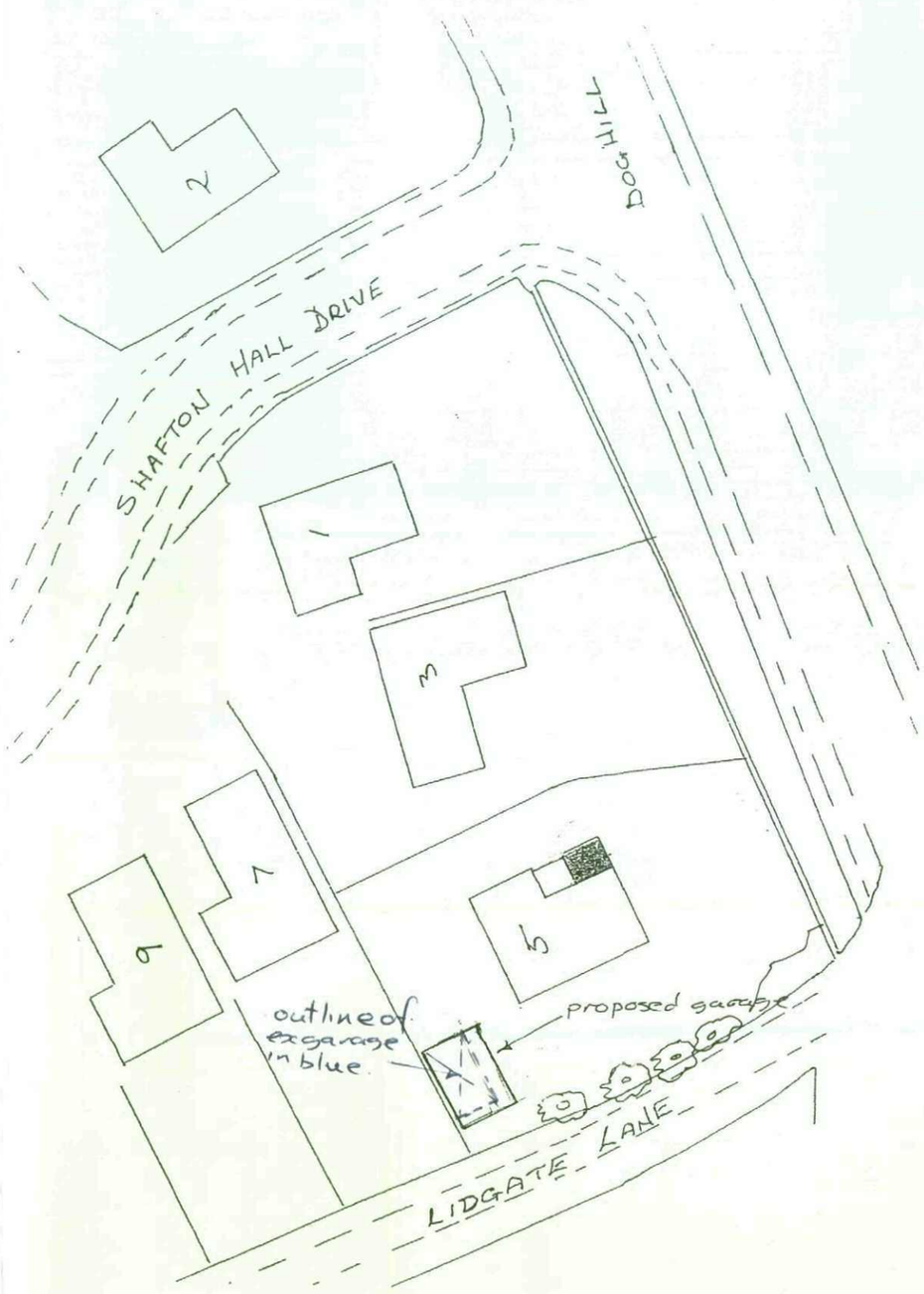
New windows & side door to be P.V.C.U. to match existing dwelling
Side door & window to be double glazed with Pilkington "K" low "E" glass & have 20mm. space between panes.
Safety glass to be provided to all new door & to window if within 800mm. of floor level

Drainage

Rainwater to be taken via 100mm. gutters to match existing via 63mm. R.W. pipes & connected to existing R.W. system or taken to a soakaway min. 5 metres from any building using 100mm. P.V.C. pipes laid to fall 1 in 40 & encased in 150mm. pea gravel.

General

Note all electrical work to be designed, installed inspected & tested by a competent person who is registered with a Part P Self-Certification / Competent Persons Scheme. & a certificate of approval to be submitted to the Local Authority on completion.
Position of electric lights & plug points to be decided at a later date by Mr. Hampshire.
Type of paving slabs (shown on plan) to be decided at a later date by Mr. Hampshire.
Existing driveway to be covered with Visqueen & plywood prior to construction to protect the existing paving slabs & any damage to be made good by contractor.



Block Plan Scale 1 : 500

Date 6 : 8: 2009 **Drawing No 2 of 2**	**Location** **Mr. G. Hampshire** **5 Shafton Hall Drive** **Shafton** **S72 8NY**	**PROPOSAL** **Detached Garage**	**Revisions** **Date**	**M. Whyke** MRICS **9 Witham Court** **Higham** **Barnsley** **S75 1PX** **Tel. 01226 386190**