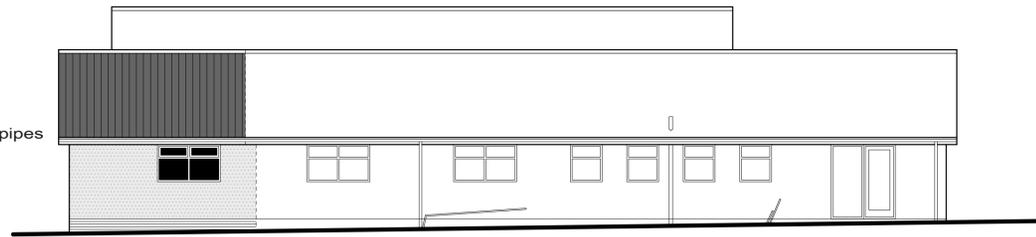


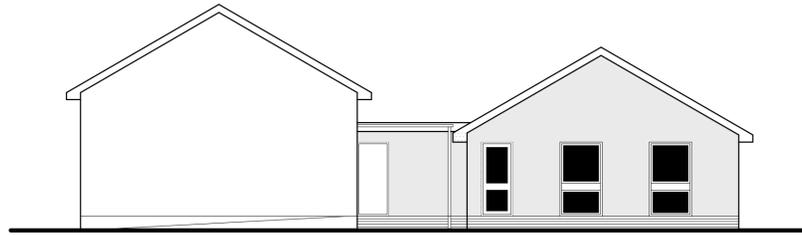
PROPOSED SIDE

Gutter and rainwater pipes to be U.P.V.C.



PROPOSED SIDE

General notes
 This drawing is copyright and is not to be copied or reproduced in any way without obtaining prior consent.
 The project to which this drawing applies should, if applicable, be undertaken in full compliance with the C.D.M. Regulations (2007), and under the control of a client appointed C.D.M. Co-ordinator
 Any work that is carried out adjacent to any existing 'Party Walls and Boundary Party Walls' the client is to ensure that the requirements of the Party Wall Act 1996 are strictly adhered to and all the legal requirements of that act are to be discharged prior to commencement of any work.



PROPOSED REAR

TIES
 Galvanised lateral restraint straps to be fixed at first floor level; roof level and up roof slopes to span 3no. rafters/ceiling joists and at maximum 1800mm centres and where applicable incorporate timber noggins between joists and packed out from brickwork face.

D.P.C.'s to heads; sills and jambs of all external openings.

D.P.C. to external wall minimum 150mm above finished ground level.

WARM ROOF
 3 Layers mineral based felt on 18mm decking on 100mm rigid insulation on vapour barrier on 12mm ply on firrings to fall 1 in 40 on 200 x 63 joists at 400 c/c with plasterboard and skim ceiling. Felt turned up and into existing wall and under roof tiles.

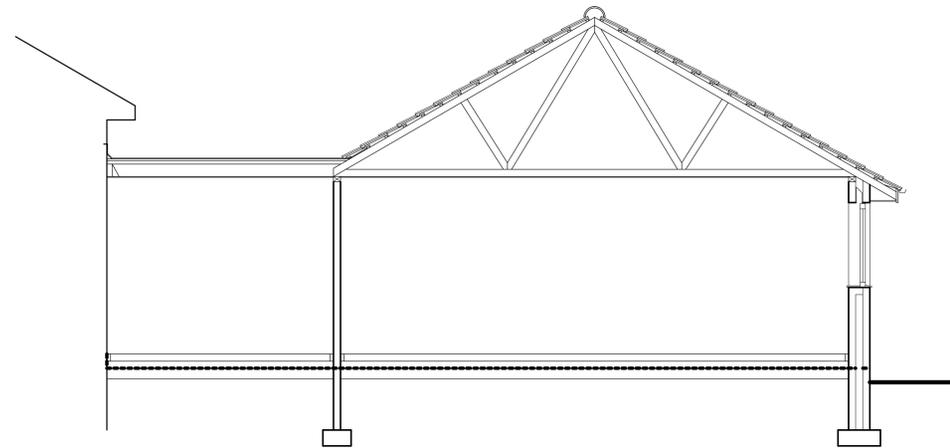
Stainless steel wall ties to external walls to be incorporated at 5no/m² and at 225mm vertical centres to all reveals.

75mm screed on 100mm rigid insulation on 1200g DPM on 100mm concrete on hardcore to suit. DPM linked to wall DPC with 25mm insulation upstand to perimeter of external walls and cavity walls to garage.

WIND BRACING
 All wind bracing to be to BS5268 Part 3 1985 and is to incorporate:-
 100mm x 25mm diagonal bracing
 100mm x 25mm binders
 100mm x 25mm runner at ridge level
 100mm x 25mm bracing at 45° on top of ceiling joists
 100mm x 25mm bracing to 3no. webs of roof trusses.

VENTILATION
 Ventilation to roof voids to be provided by proprietary soffit vents and to have minimum 25mm air gap and incorporating flyproof mesh, and to incorporate tile vents and ridge vents to satisfaction of the District Building Surveyor.

Ceiling height and roof pitch to match existing



SECTION

ROOF CONSTRUCTION
 Concrete interlocking roof tiles on 50mm x 25mm tile battens with 1no. layer "Tyvek" Breathable heavy duty felt onto attic roof trusses fixed at 600mm centres. 150mm fibreglass insulation to be laid between ceiling joists with 300mm laid on top in opposite direction and ceilings to be 12.5mm plasterboard and skim. Every second truss to be tied down with 32mm x 6mm galvanised mild steel straps minimum 450mm long. Calculations for roof trusses to be supplied and submitted by Truss Manufacturer, and approved by Local Authority prior to commencement of work. 100mm x 50mm timber wall plates to be strapped to rafter members using truss clips. All roof timbers to be vacuum pressure impregnated with preservative.

EXTERNAL WALLS
 Are to have maximum 'U' value of 0.23W/m²C achieved by 100mm brick with 100mm cavity filled with 100mm Dri Therm 32 cavity batts and 100mm Thermalite "Hi-Strength 7" blockwork and 12mm plasterboard and skim on dabs.
NOTE:
 Insulation to walls to be taken up to ridge level to all gable ends
 External walls to have 5no. wall ties/m² and at 225mm vertical centres to all reveals and damp proof course at minimum 150mm above proposed ground levels.
 All external reveals to open and insulation to be continuous with U value same as wall.
 Damp proof course to all external walls at heads; sills; and jambs, and cavity walls to be sealed at roof level and openings.
 Concrete cavity fill to external walls stopped 150mm below DPC level or at external ground level whichever is the greater.
 No projection over boundaries of walls or foundations.

FOUNDATIONS
 600mm x 225mm concrete foundations with minimum 900mm frost cover and if within 1 metre of drains to be taken down to invert level and all foundations to satisfaction of District Building Surveyor.
 450mm x 225mm concrete foundations below internal loadbearing partitions with minimum 450mm frost cover.

rev	date	description

title
 ELEVATIONS & SECTION
project
 VILLAGE HALL
 WELL LANE
 WHISTON
 ROTHERHAM
client
 WHISTON PARISH COUNCIL

job no	drg no	rev
WL 2	5	date July 16

scales :- 1:50 1:100

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