

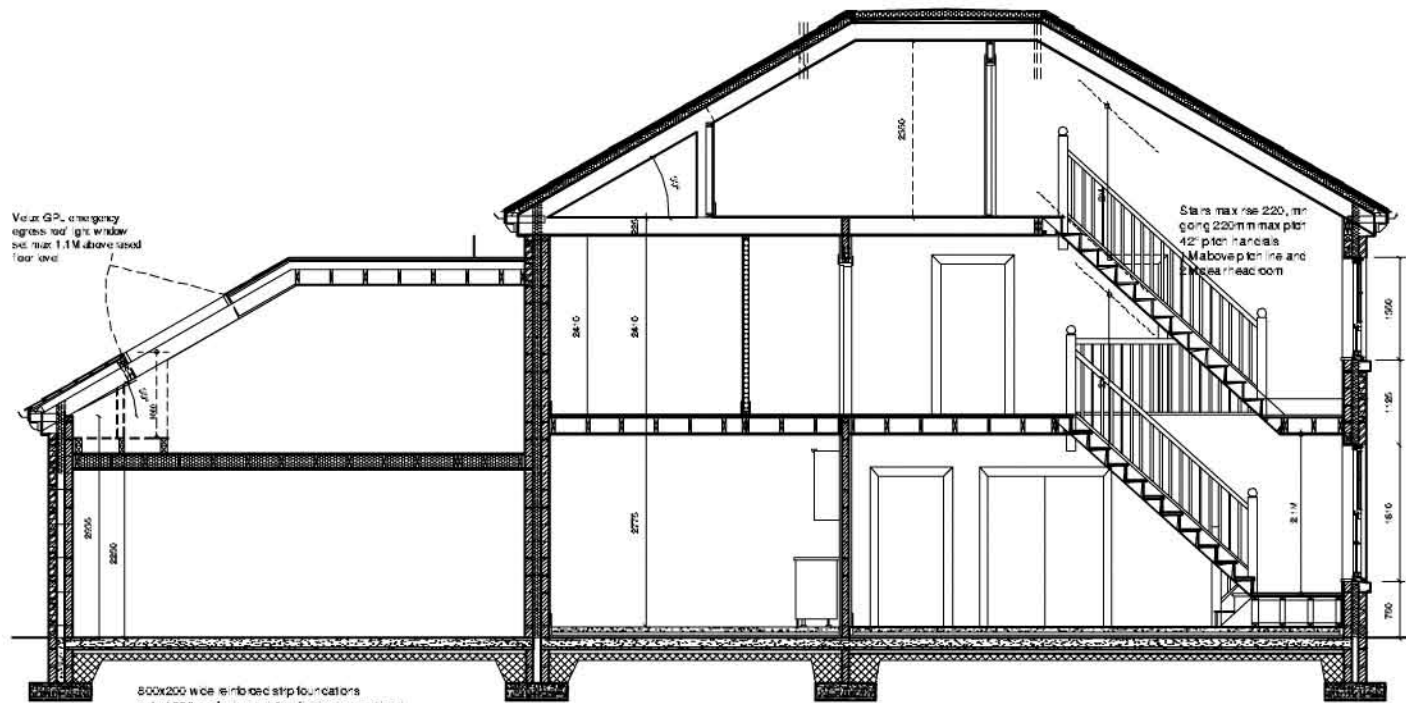
Fat roof element to be consisting of Sarnafil 5
 achieved membrane to 100mm Kingspan Kooltherm
 rigid insulation on breather felt membrane on 15mm exteriorly
 plywood decking, or treated softwood lunnings on flat top attic trusses

Natural Slate triple applied finish on
 25x50 treated battens on breather felt
 on 25x50 treated counter battens fixed
 through Kingspan Kooltherm TP10 rigid insulation with
 in-screw fixings to Attic trusses. Trusses infilled
 with 50mm Kingspan Kooltherm TP10 insulation

Intermediate floor construction 22mm T&C saw boards on
 195x50 of 6 posts at 450 c/c built into masonry walls
 or notched into steelwork, underlaid with
 2 layers of 2.5mm plaster board and 3mm skm finish. Floor
 strapped to inner face of blockwork at 2M c/c.
 Straps fixed over first 3 posts with noggins
 between posts. Noggins to posts at no span
 where posts span in excess of 2.5M
 Floor padded with 2 layers of 100mm roof wool batts

Troweled finish to floorslab, finished with cast in situ
 150mm reinforced concrete. Superimposed cast over
 internal leaf of cavity wall. Slab to have
 removable shuttering to cast above.
 Concrete Floor laid over 1200 gauge option
 50mm sand binding to 200mm well consolidation concrete

500x200 wide reinforced strip foundations
 set at 800mm below existing finished ground level
 in accordance with S.E. Geotech investigation and design



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 with 50mm Kingspan Kooltherm TP10 insulation

Cavity tray and weepholes above
 precast concrete voids/slabs

Softwood paned mock sash windows
 to achieve minimum U value of 1.8 W/M²K

Semi Dry earth retaining stone dials
 on mortar beds at each end
 and wrapped in DPC

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 strapped to inner face of blockwork at 2M c/c.
 Straps fixed over first 3 posts with noggins
 between posts. Noggins to posts at no span
 where posts span in excess of 2.5M

75mm Sand cement screed on
 2 layers of 40mm Jable 70 rigid floor insulation
 returned up face of walls to prevent foot bridge,
 on 1200 gauge vacuum comp applied up face of
 blockwork and applied into internal block wall.
 150mm reinforced concrete superimposed slab cast over
 internal leaf of cavity wall. Slab to have
 removable shuttering to cast above.
 Concrete Floor laid over 1200 gauge option
 50mm sand binding to 200mm well consolidation concrete

Staircases

Timber staircases to be 1000mm wide (between strings) with 14No equal risers, 25mm
 treads with the pitch of the stairs to be less than 42 degrees. The handrail is to be set
 900mm above the pitch line of the nosings and 100mm above the nosings. The
 balustrade is to be set as to not allow passage of a 100mm diameter sphere. A minimum
 of 2000mm headroom is to be maintained at all times. Stairs to be constructed to BS 585
 Wood Stairs Part 1: 1989 Specification for stairs with closed risers for domestic use,
 including straight and wide flights and quarter or half landings.

Flat Roof to Single Storey Bays

Bay roofs to be fixed with code 5 lead sheeting joints with lead collars in accordance
 with the Lead Sheet Association's code of practice for exteriorly applied plywood decking or Kingspan
 Kooltherm TP10 rigid insulation or similar vapour barrier on breather felt and vapour barrier on
 plywood decking to 150x150 C16 joists at 400 c/c. Joists spaced over face of
 blockwork with fulling parallel to support walls using 5x30 galv steel straps laid over
 first three joists.

Rainwater Goods

Rainwater gutters to be 125mm diameter deep flow back JWC draining into 90mm
 diameter black JWC down pipes to the relevant parts of BS 4575-1 and BS EN 12205-1
 for pipes, and BS 4576-1, BS EN 607 and BS EN 1462 for gutters. All are to be cast in situ
 outside of drawings. Gutters are to be laid to falls to nearest outlet. Where rain water
 discharges onto a lower roof a pipe shoe is to be provided to divert water away from the
 building.

All work is to be carried out in accordance with BS 6000 workmanship for building sites
 Part 13: code of practice for above ground drainage. The pipe fittings and joints should
 be capable of withstanding an internal test of positive pressure of at least 38mm water gauge
 for at least 3 minutes.

Drainage

All foul water pipework above ground is to be in PVC pipes and fittings in accordance
 with BS EN 12055-2. SVPs to be 100mm diameter PVC unless otherwise specified, and
 waste to be 50mm diameter and all sink and wash basins to be 38mm diameter. All
 to be fitted with deep seal anti-vac traps. Wastes to be a minimum 200mm offset from WC
 branches and provided with roof level eye access to base of SVP in a minimum 300mm above
 FFL. SVP to be taken up to the roof and terminated with an approved manufacturer's
 (instructions), installed a minimum 1.0m above highest point of any ceiling light with
 3m, otherwise internal SVP to be boxed in and wrapped in metal wool with a Dargo
 valve fitted above ceiling level. Fittings not discharging to SVP to discharge to back
 gully or similar. Allow for providing roof level points near to the base of internal stacks and
 substacks. Surface Water New rainwater goods to be PVC colour to match existing
 using 100mm dia half round section guttering with 68mm dia section down pipes to back
 of back water gullies. External below ground level drainage generally to be 100mm dia,
 laid to min. falls of 1:80 for the foul and 1:100 for surface water and connected to
 existing drains to the approval of the Building Control Officer. Pipe passing under the
 building should be surrounded by 100mm granular material and where passing through
 walls, to pass covering formed with the over with a minimum clearance of 50mm all
 around the pipe. The opening to be masked with a rigid sheet material (eg. Cement
 fibreboard) to prevent ingress of vermin.

Electrical Installation

All sockets and switches to be positioned at a height of between 450mm and 1200mm in
 accordance with Section 8 of Approved Document M.

When using the competent persons scheme for electrical work:

"All wiring and electrical work will be designed, installed, inspected and tested in
 accordance with the requirements of BS 7671, the IEE 18th edition Wiring Guidelines and
 Building Regulation Part P (Electrical Safety) by a competent person registered with an
 electrical self-certification body authorised by the Secretary of State"
 and

"The competent person is to send to the Local Authority a 'Self-Certification Certificate'
 within 30 days of the completion of the electrical works. The client is to be provided with
 a copy of the 'Self-Certification Certificate' and a BS 7671 Electrical Installation Test
 Certificate"

When not using the competent persons scheme for electrical work:

"All wiring and electrical work will be designed, installed, inspected and tested in
 accordance with the requirements of BS 7671, the IEE 18th edition Wiring Guidelines and
 Building Regulation Part P (Electrical Safety). On completion of the work a copy of the
 Installer's Electrical Installation Test Certificate compliant with BS 7671 is to be provided
 to the client and the Local Authority"
 and

"Prior to covering of all wiring cables the installation is to be inspected by a competent
 person and on completion of the work, in addition to the above certificate, an additional
 competent person's Electrical Installation Test Certificate compliant with BS 7671 is to be
 provided to the Local Authority"

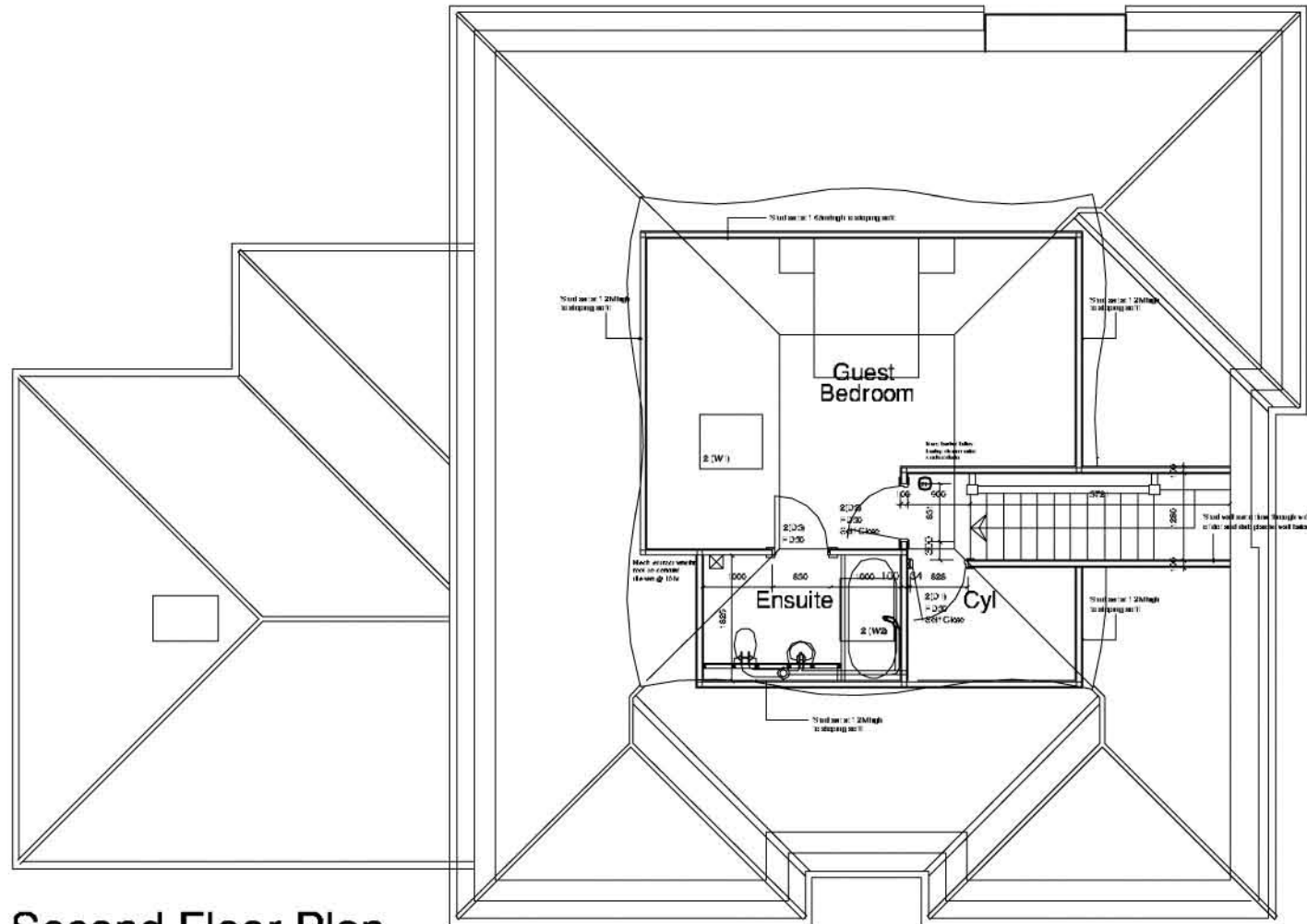
Smoke Detectors

Smoke detectors to be installed as shown and to be interconnected to a separately fused
 mains electricity supply with a transformer to comply with the current IEE Regulations and
 in accordance with Approved Document B and BS Part 1: 1999.

Mechanical Ventilation

Mechanical Extract vents as shown or as follows to have the following ratings:

Kitchens - Not less than 30 litres/second in the following circumstances: (i) when
 incorporated with a cooker hood (ii) when located near the ceiling with a 300mm of the
 centre line of the space for the hood and under humidistat control. Cookroom - Not less
 than 16 litres/second. Bathrooms and En-Suites - 30 litres/second with an additional 15m³
 overplus provided. All fans to have manual override and humidistat controls for local
 standard.



Second Floor Plan

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On behalf of Mererepark Project Management LLP