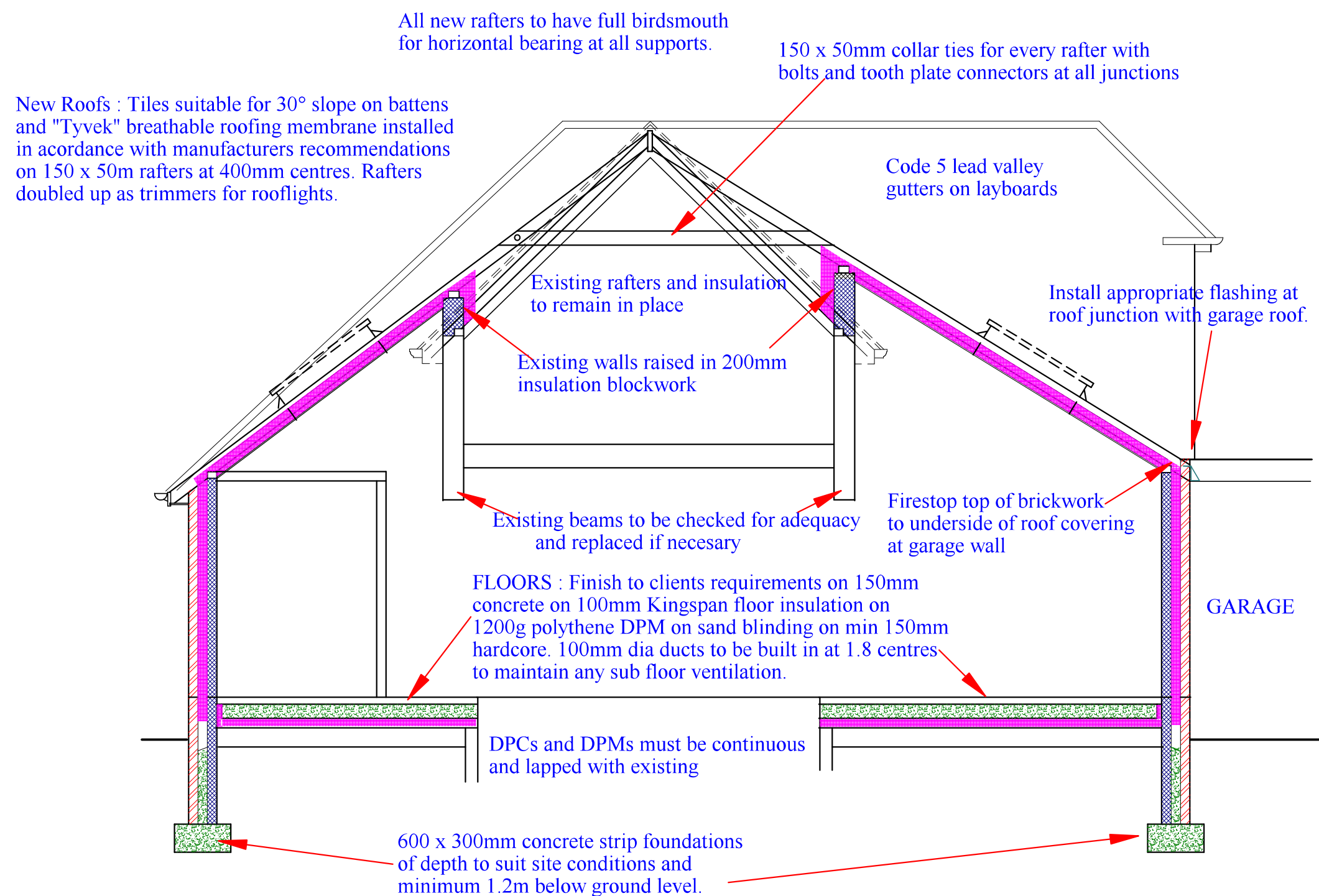


# PRINT AT A2 TO BE TO SCALE



SECTION A - A

## NOTES :

1. New external walls to be 106mm brick outer leaf - 100mm cavity - 100mm insulation block inner leaf. Cavities are to be insulated with either 100mm mineral fibre or 50mm celotex cavity insulation fixed to cavity face of inner leaf. Stainless steel wall ties suitable to retain insulation at 450mm vertical centres and 750mm horizontal.
2. New internal partitions to be 100 x 50mm timber studwork finished both sides with 12.5mm plasterboard + skim and filled with sound deadening quilt.
3. 100mm PVC gutters and 75mm RWP's.
4. New openings to have Catnic insulated lintols over, and cavities are to be closed at openings with insulated cavity closers incorporating DPC
5. New drains in 100mm UPVC surrounded in 150mm pea shingle. Falls min 1 : 40. All in accordance with BS 8301.
6. Rafters and joists to be strapped to walls at maximum 2.0 metre centres with 30 x 5mm cross section straps.
7. DPC will be a minimum of 150mm above ground level externally
8. Roof slopes insulated with 70mm "Kingspan" insulation between rafters with 50mm airspace over. Rafters then underdrawn with a further 50mm "Kingspan" insulation and 12.5mm foilbacked plasterboard with plaster skim
9. Ventilation to be introduced into roofspaces at eaves with minimum 25mm wide continuous vent strip (or equivalent) and fitted with flyscreens.
10. Ridge ventilation to be built in equivalent to 5mm wide continuous vent.
11. Existing S&VP to be raised to 900mm above any ventilation opening within 3m, or extended into roof space and air admittance valve fitted.
12. Windows and rooflights to provide opening areas of 5% of floor areas with some part of ventilation openings 1.75m above floor level. 8000mm<sup>2</sup> trickle ventilators to be included in every room.
13. Windows and rooflights to be double glazed (16mm gap and Low E glass inner pane max U value 1.6W/m<sup>2</sup>degK).
14. All glazing in critical locations to be toughened or laminated.
15. Where increased loads are imposed existing foundations to be exposed for inspection and underpinned if found necessary.
16. New rooms will be fitted with low energy lighting fitting (fluorescent)
17. Radiators will be fitted with thermostatic valves
18. Where increased loads are applied existing lintols and beams are to be exposed for inspection, checked for their adequacy, and replaced if found unsuitable.
19. If a new boiler is to be fitted it must be condensing type. (existing cannot be relocated. It must be replaced with condensing type)
20. Electrical installations shall be installed by a person competent to do so and installation and test certificates in accordance with BS7671 shall be submitted to the local authority.

NOTE THAT THESE PLANS ARE PRODUCED FOR SUBMISSION FOR PLANNING AND BUILDING REGULATION APPROVAL ONLY AND ARE NOT INTENDED TO FORM A FULL SPECIFICATION OF WORKS.

PROPOSED REAR  
EXTENSIONS AT :  
2 WALLIS GARDENS  
WATERLOVILLE  
for Mrs K Lee

Scales 1 : 50 & 1 : 100

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