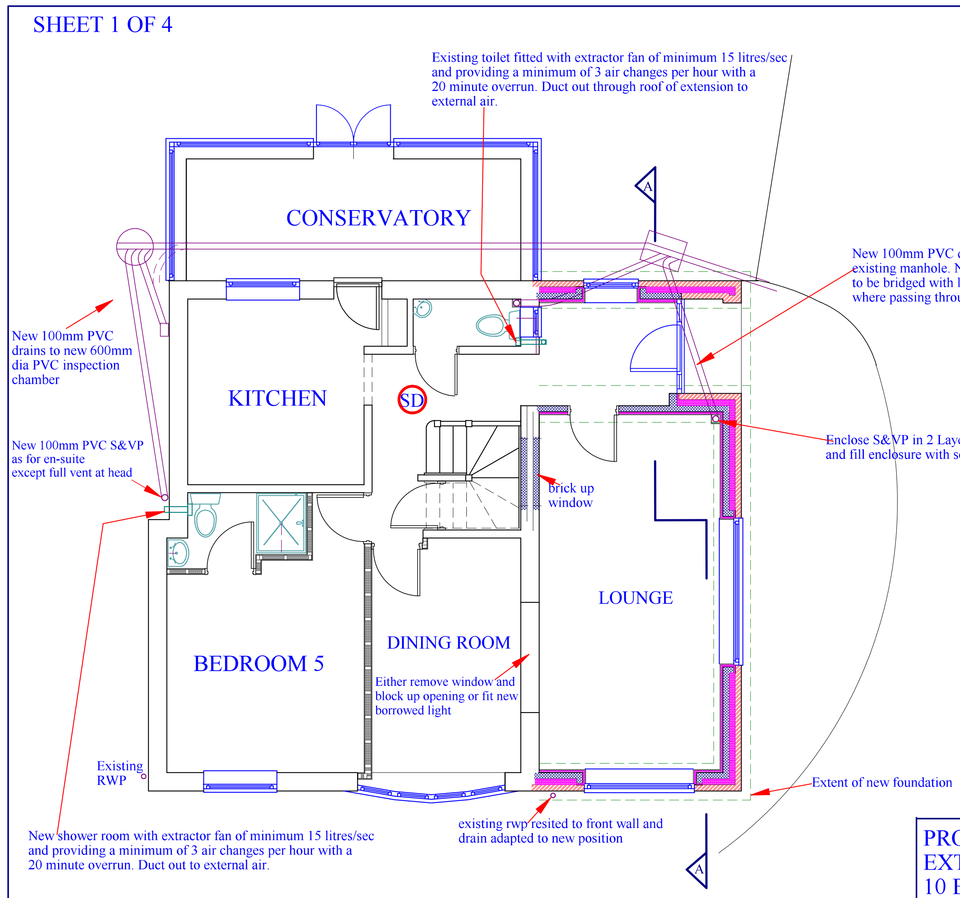
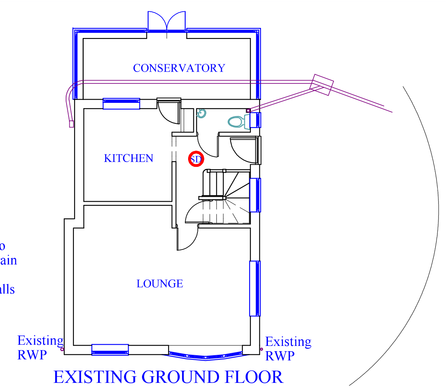
SHEET 1 OF 4



PROPOSED GROUND FLOOR



EXISTING GROUND FLOOR

SD = Mains wired and interlinked smoke detector

SCALES 1 : 50 0 1 2 3 4 5m
1 : 100 0 1 2 3 4 5 6 7 8 9 10m

PROPOSED TWO STOREY EXTENSION AT :
10 EVERGLADES AVENUE
WATERLOOVILLE
PO8 8NA
for Mr T Davis

A.J.GLADMAN
43 Portchester Road
Fareham
Hampshire
PO16 8AL
Tel 01329 232796
Mob 07704 563002
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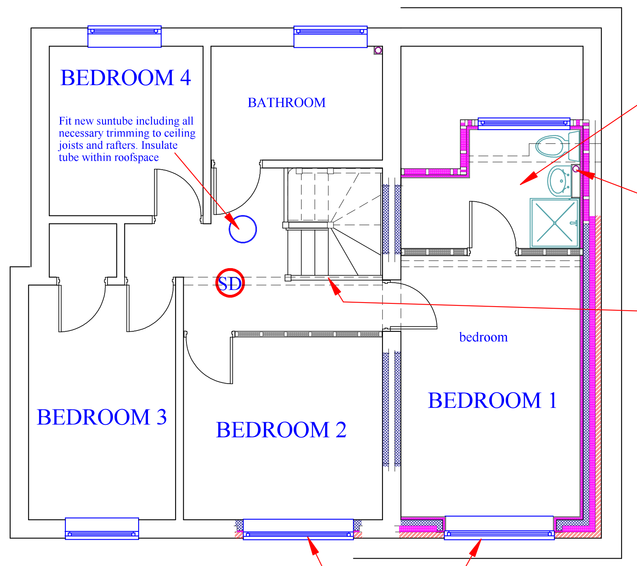
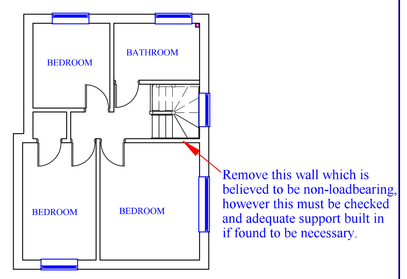
email tony@plan4.me.uk

SHEET 2 OF 4



PROPOSED FIRST FLOOR



EXISTING FIRST FLOOR

SD = Mains wired and interlinked smoke detector

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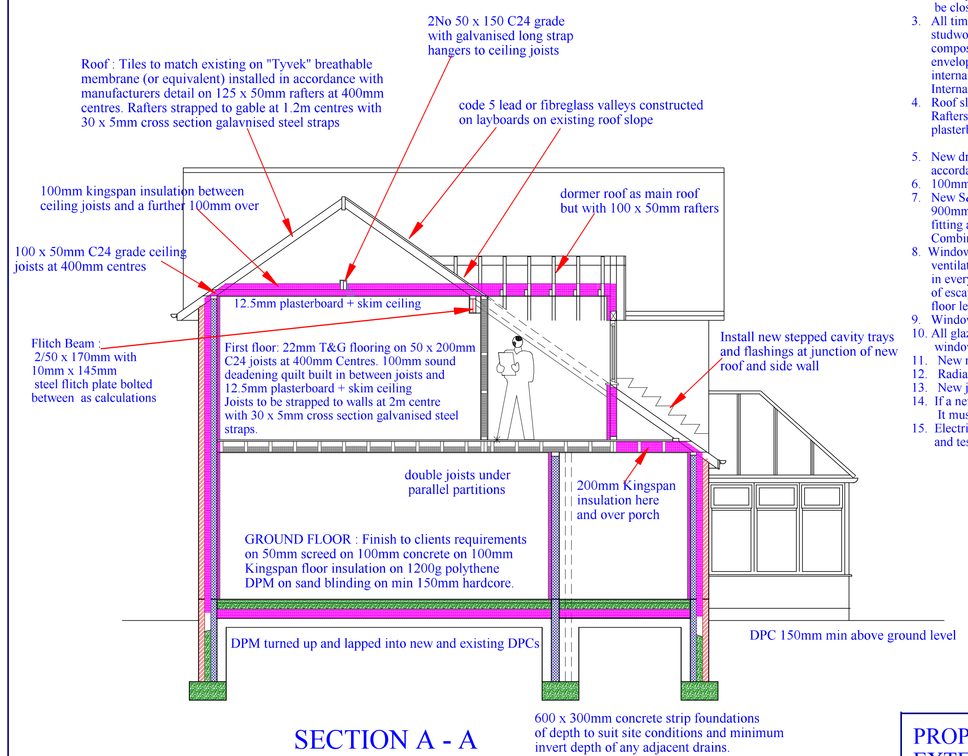

SECTION A - A

NOTES :
1. New external walls : 106mm brick outer leaf, 100mm cavity with 100mm rockwool cavity insulation built in, 100mm insulation block inner leaf. Wall ties spaced at 750mm horizontally and 450mm vertically. Internal finish to be 50mm insulated plasterboard + skim
2. New openings to have IG or Catnic insulated lintols over, and cavities are to be closed at openings with insulated cavity closers incorporating DPC
3. All timber walls and partitions to be constructed in 100 x 50mm timber braced and load bearing studwork with 12mm ply sheathing to external faces. External finish to be tile hanging or composite boarding on battens and "Tyvek" or similar breathable membrane. All parts forming envelope to be insulated with 100mm "Kingspan" insulation between studs and finished internally with 50mm insulated plasterboard + skim.
Internal partitions to be filled with sound deadening quilt.
4. Roof slopes insulated with 50mm "Kingspan" insulation between rafters with 50mm airspace over. Rafters then underdrawn with a further100mm "Kingspan" insulation and 12.5mm foilbacked plasterboard with plaster skim
5. New drains in 100mm UPVC surrounded in 150mm pea shingle. Falls min 1 : 40. All in accordance with BS 8301. Bridge with lintols at walls
6. 100mm PVC gutters and 75mm RWP's.
7. New S&VPs to be installed in accordance with BS5572. Vents to be raised to 900mm above any ventilation opening within 3m, or extended above flood level of highest fitting and air admittance valve fitted. Bath & Shower wastes 40mm Basin wastes 32mm, Combined wastes 50mm, all with 75mm deep seal traps. Cleaning access at all bends.
8. Windows and external doors to provide opening areas of 5% of floor areas with some part of ventilation openings 1.75m above floor level. 8000mm2 trickle ventilators to be included in every room. First floor bedroom windows each to include a casement or sash suitable for means of escape with minimum opening of 733 x 450mm and cill not more than 1100mm above floor level.
9. Windows and rooflights to be double glazed (max U value 1.4W/m²degK).
10. All glazing in critical locations to be toughened or laminated. (in and near doors and low cill windows)
11. New rooms will be fitted with low energy lighting fitting (LED)
12. Radiators will be fitted with thermostatic valves
13. New joists to have herringbone strutting at every one third of span
14. If a new boiler is to be fitted it must be condensing type. (existing cannot be relocated. It must be replaced with condensing type)
15. 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.

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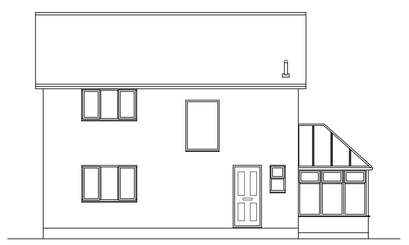
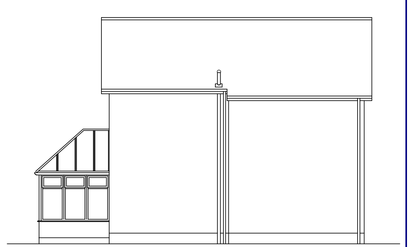
SHEET 4 OF 4

REAR ELEVATION

FRONT ELEVATION



SIDE ELEVATION



SIDE ELEVATION

PROPOSED REAR ELEVATION

PROPOSED FRONT ELEVATION

PROPOSED SIDE ELEVATION

SCALE 1 : 100 0 1 2 3 4 5 6 7 8 9 10m

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