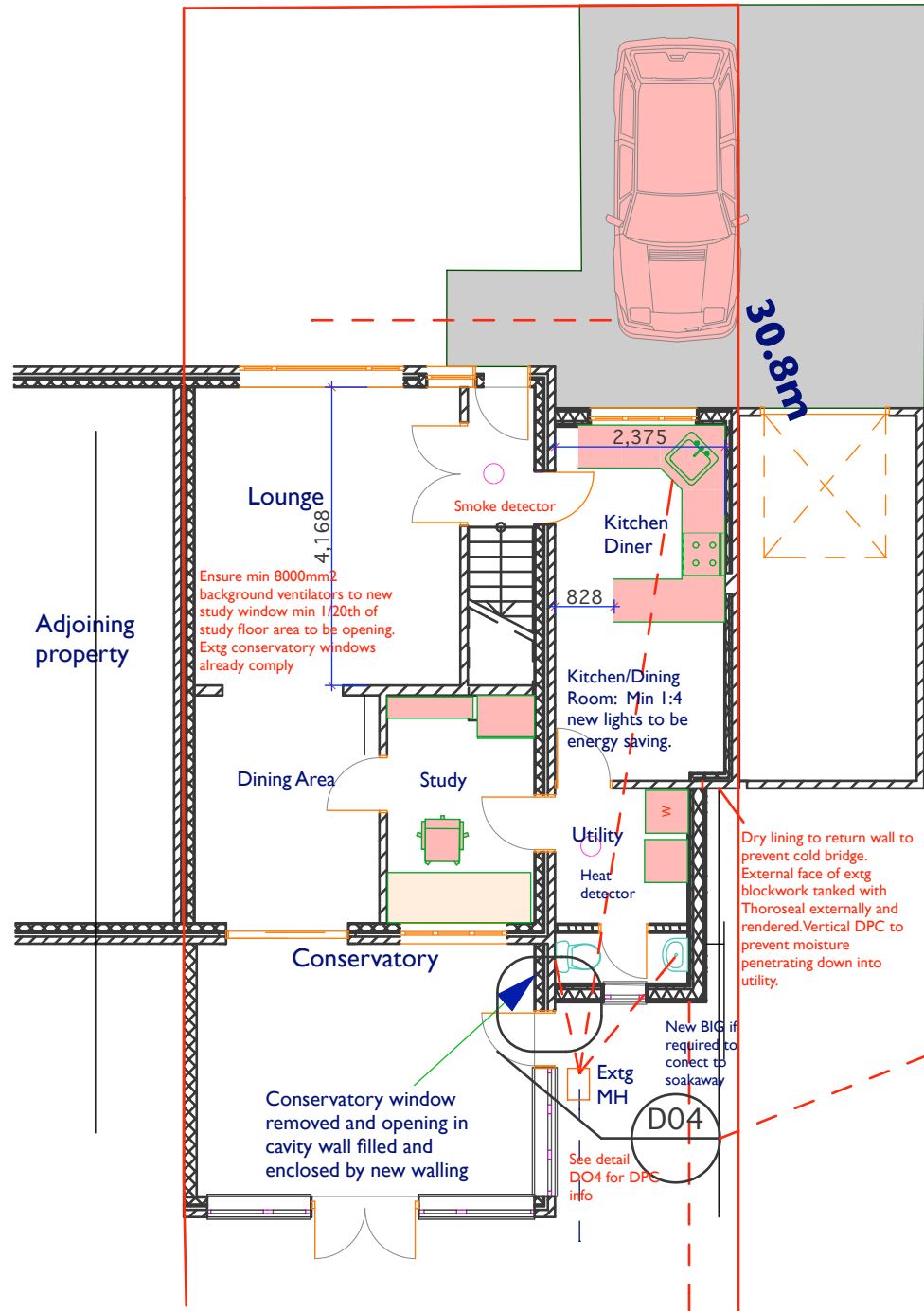


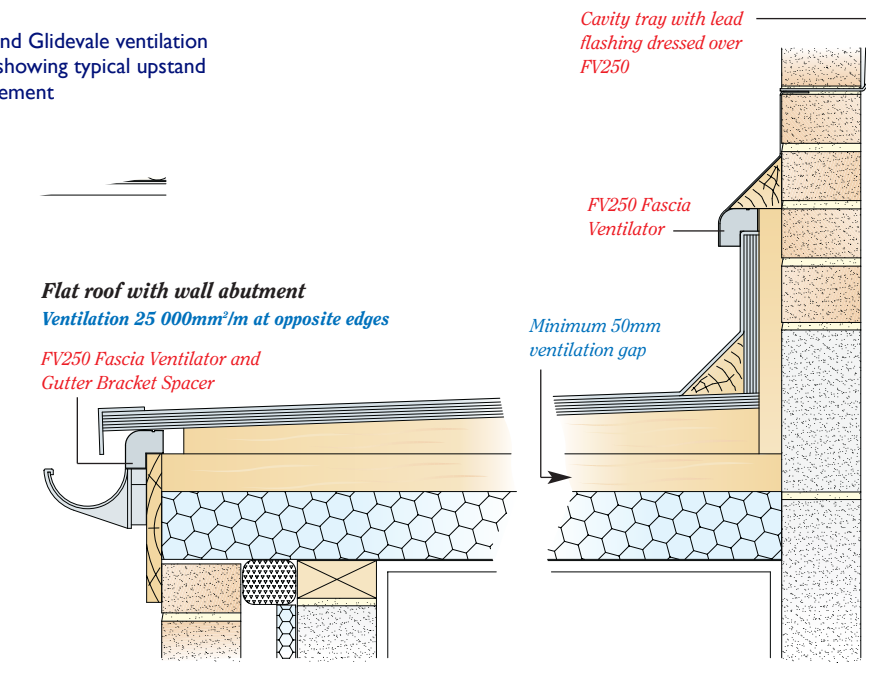
A/3 ▽



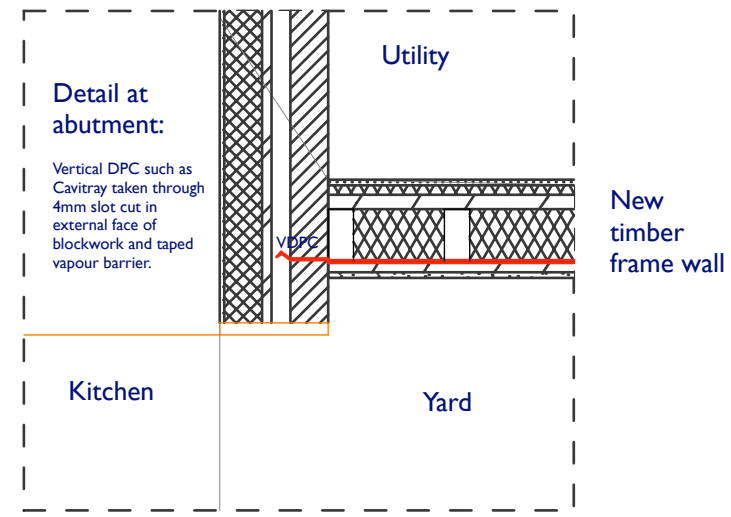
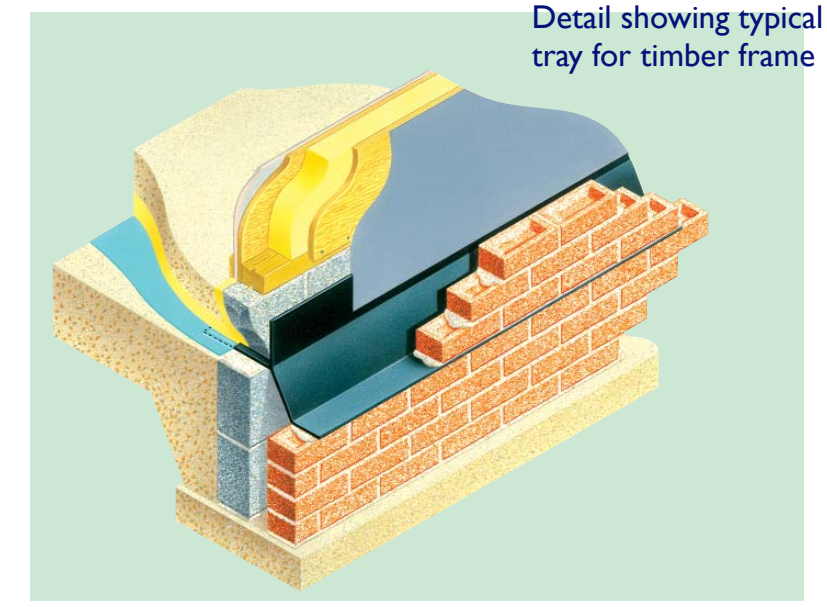
- Plumbing:**
1. Soil waste vent pipe encased in ducts of 12.5mm plasterboard and skim on softwood battens with insulation quilt surround to s.v.p.
  2. Dergo valve terminating above overspill of any appliance to be provided.
  3. Ensure boxing for concealed services are sealed around where they penetrate or project into hollow constructions or voids to limit outside air infiltration.
  4. 100 mm diameter solvent welded PVC soil waste vent pipes.
  5. 40 mm diameter PVC wastes to utilities, 3 m maximum length, 4 m maximum for 50 mm diameter gradient between 18 mm and 90 mm/m.
  7. 32 mm diameter PVC wastes to wash hand basins, 1.7 m maximum length, 3 m for 40 mm diameter waste.
  8. No branch discharge pipe to connect to stack less than 450 mm above drain invert.
  9. 75 mm deep seal anti-vac bottle traps throughout, cleaning eyes at bends.
  10. All wastes to be well clipped polypropylene. Vent pipe fitted with accessible rodding eye at lowest point. Cleaning eyes at bends.
  11. W.C. connection direct to drain if drop is less than 1.5 m.
- Drainage:**
1. 100 mm diameter 100 mm diameter solvent welded P.V.C. drains, average fall 1:60 to 1m<sup>3</sup> rubble filled soakaway, **minimum 5 m from building if extg soakaway too close.**
  2. 100 mm diameter Osma, or equal approved, P.V.C.u. underground drainage system, average fall 1:40 to connect to existing mains drainage via new manholes as shown.
  3. Relieving lintels to be provided where drains pass through walls to give 50 mm space all around the pipe.
  4. Drains passing under and within 1 m of building to be encased in minimum 150 mm granular materials with 50 mm protective concrete slab over (1:3:6 mix).
  5. White 100 mm diameter half round P.V.C. gutters, or equal approved, and 63 mm diameter rainwater pipes and shoes.



Roof and Glidevale ventilation detail showing typical upstand arrangement



Detail showing typical cavity tray for timber frame



-1. ground 1:100

D04 1:20

Extension for Mr & Mrs Trevena Proposed Plans 1:1

**0. Ground Details**

Scale as shown  
**Plan No 02**  
**Date 05/07/2009**  
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