Typical Foundation and Floor Details

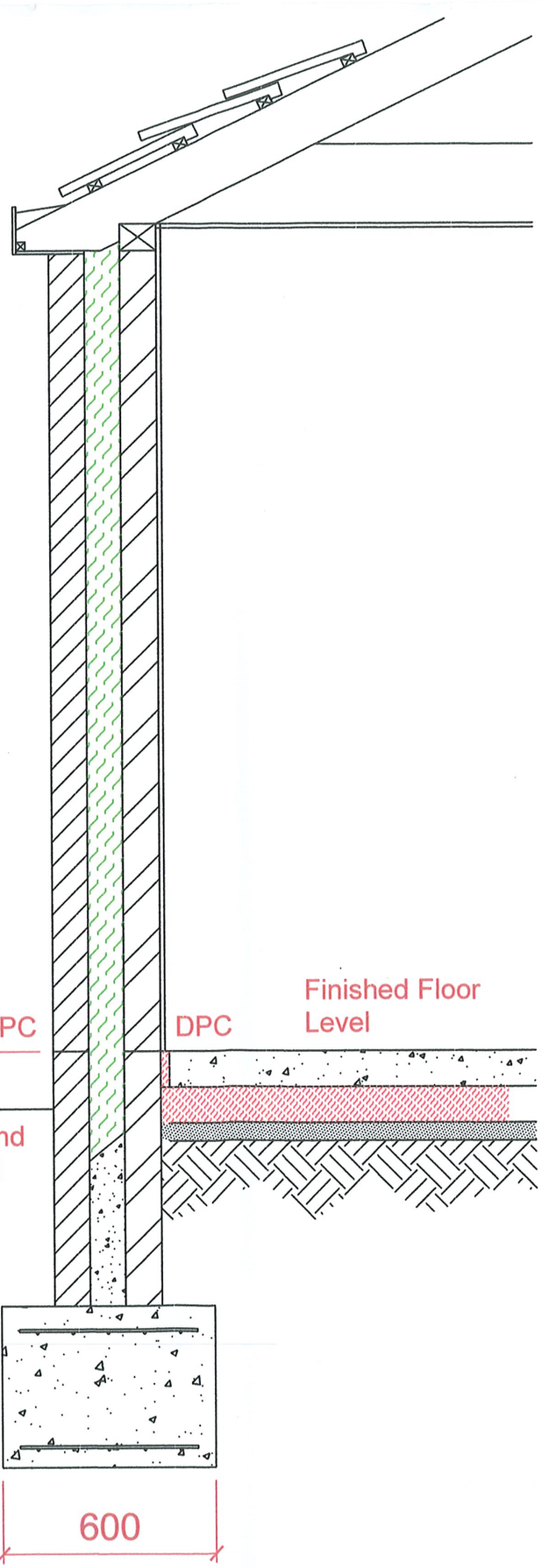
Foundation

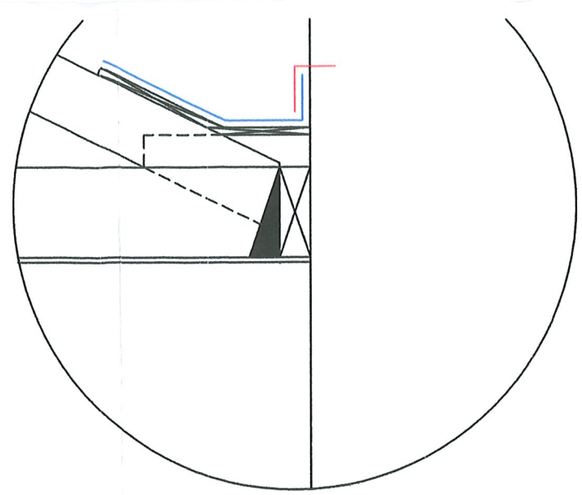
Min. 450 mm concrete foundation
with 2 No. layers of B503
fabric mesh with suitable cover.
Or as directed by building control
body involved & depending on
ground conditions encountered.
Specialist foundations to be
designed by a strucutral engineer.
Cavity to be filled below ground to
225mm from DPC level with lean
concrete, sloping outwards.

Floor Make up

100mm concrete slab
500g Vapour control layer (VCL)
100mm PIR insulation with 25mm perimeter upstand
to external walls
1200g DPM fully lapped and taped linking to DPC
50mm sand blinding
Min. 150mm compacted hardcore sub base

Note. If existing house sub floor vents or
air bricks are to be covered by the extension
then ducts and new air bricks will need to
be installed. Using 100mm Dia. plastic pipe
leading to a proprietry periscope vent(s).





Roof connected to house wall with
a 220x75 C24 pole plate resin bolted
with 12mm dia. bolts at 400mm centers.
Bolts staggered along the length of
the timber. Connection to be with
heavy duty joist hangers.
A box gutter is to be formed
over and dressed into exisitng wall
and under new tiles.