

Notes:

Foundation:

600 mm wide strip footing to a depth of 1200mm to be filled with C30 Sulphate Resistant Concrete.

DPC:

Class B bricks or Concrete Blocks up to DPC to be filled with a weak Conc. mix up to 250mm below DPC...

Walls:

Matching bricks outer leaf and Thermalite blocks inner leaf with a 100mm cavity to be filled with ROCK WOOL. HR14 Wall ties at 440 vertical and 900mm horizontal, every block course at the openings.

Partitions:

50x100 M16 STT for all internal partitions. Fill cavity with 100mm acoustic mineral wool. Affix 12mm fireline plasterboard on both sides and plaster.

Floor Insulation: 80mm (FF3000) between joists, Solid floor 100mm (FF3000) under screed

Doors:

inluminous strips affixed to door or frame. Doors to be undercut by 10mm or equivalent of (10xwidth mm2), FD30 to all doors except bath/shower room. Fire resistant door stop glued and screwed to frame and

Ceilings:

Affix a 12.5mm Fireline plasterboard to new ceiling and another layer to existing on the ground floor and skim.

Ventilation:

All means of ventilation to comply with approved document F1(2006). All habitable rooms to be provided with 8000mm² of background ventilation and 4000mm² for non habitable rooms. Kitchen, Utility room to have mechanical extractor. Kitchen extraction of 30L/s in cooker hood or 60L/s elsewhere. Utility 30L/s. French doors to have a permanent vent to the head with a min. area of 10000 mm² area. Provide 1500mm² area of vent per meter run of wall to suspended floor in two opposing external walls.

Fire protection:

12.5mm plasterboards to all ceilings on the ground and first floor.

Drainage:

Guttering: $\frac{1}{2}$ round PVC guttering. 68mm round PVC down pipe.

All Wastes to be filled with 75mm deep sealed trap (BS3343: 1875) and connected to SV separately where appropriate. 40mm waste to sinks, 50mm waste to all outlets where run exceeds 2300mm

Underground Pipe work:

All underground pipes to be inspected and tested. New underground pipes 100mm UPVC(UG) to be laid with a min. gradient of 1:40 and bedded in a min. of 100mm pea shingles. Where any pipe passes under a wall adequate lintel to be placed above it to provide a min. of 50mm void around the pipe to be filled with a compressible mastic.

Manholes:

All existing manholes to be checked for integrity and free flow.

Surface water :

Down pipes to discharge in to new gully/s to flow in to a soak away.

Heating:

Condensing Gas boiler to be installed by a competent CORGI registered , commissioned and certificate obtained.

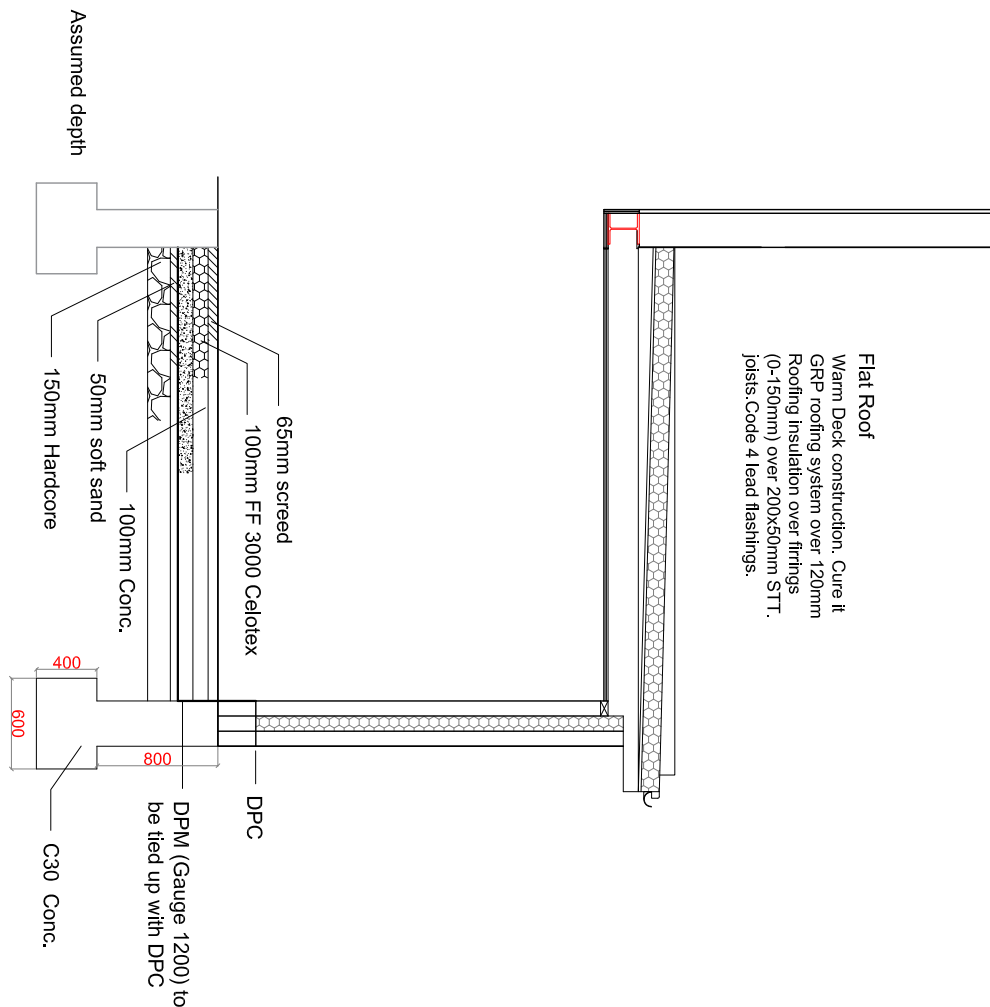
Windows

Matching UPVC double glazed window to be installed by a FENSA registered installer.

Solid Floors:

65mm Scribed over 100mm Celotex over 100mm Conc. slab over Gauge 1200 DPM over 300mm soft sand over 150mm hard core.

Roof: Flat roof , warm deck as indicated on the drawing.



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