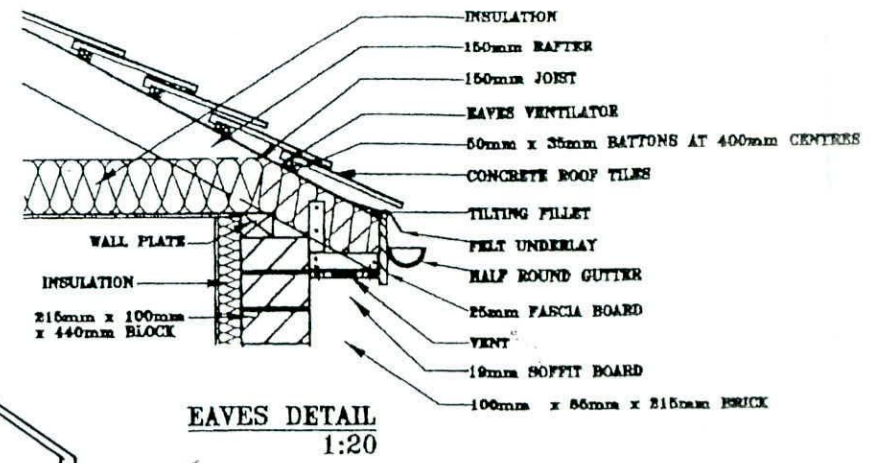


FRONT ELEVATION

150mm thick fibre quilt insulation between joists on vapour barrier, 12.5mm skimmed plasterboard.



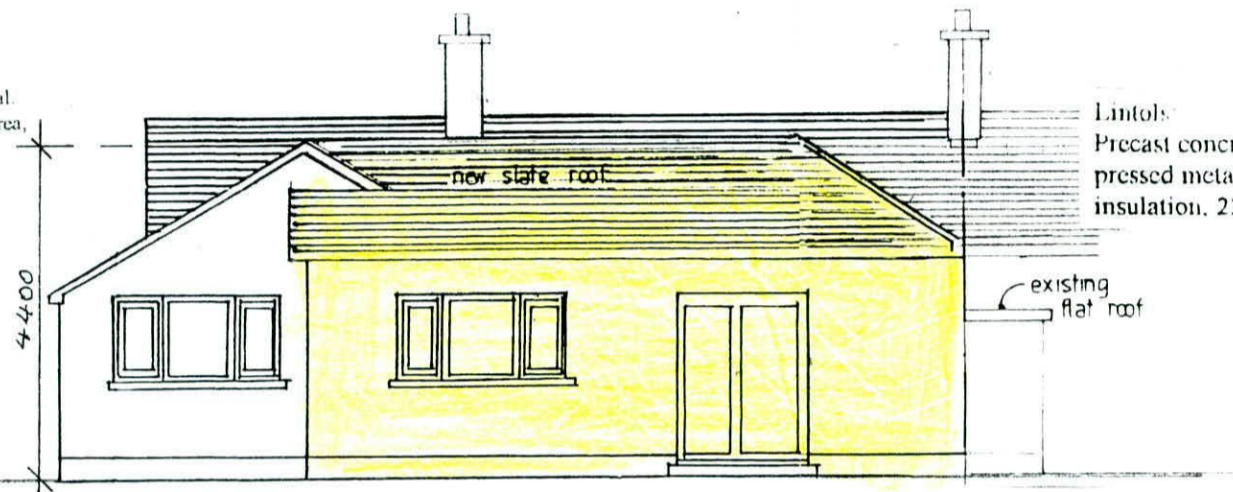
EAVES DETAIL 1:20

Roof: Coloured concrete roof tiles laid to manufacturers instructions on 35mm x 50mm battens on sarking felt on prefabricated roof trusses at 600mm centres to I.S. 193: 1986, complete with bracing, water storage tank supports and holding down clips, all to manufacturers instructions.

Note: All structural timbers to comply with SR11, structural timber for domestic construction. Timber to be kiln dried and supplied at a moisture content not exceeding 22%.

Ventilation:
Room vents - 6500sq.mm
Roof - 25mm continuous strip or equal.
Window opens Kitchen 1/10 of floor area, other rooms 1/20 of floor area.

Insulation:
Maximum Elemental (U) Values:
Exposed Roofs - 0.25 W/M2 K.
Exposed Walls - 0.45 W/M2 K.
Exposed Floors - 0.45 W/M2 K.



REAR ELEVATION

Lintols: Precast concrete composite lintol and pressed metal lintols incorporating insulation, 225mm bearing each end

Floor: 150mm thick power floated concrete slab on 50mm thick polystyrene insulation, 25mm at external edges on 1000 gauge Visqueen damp proof membrane on sand blinding on 150mm minimum well consolidated hard-core filling.

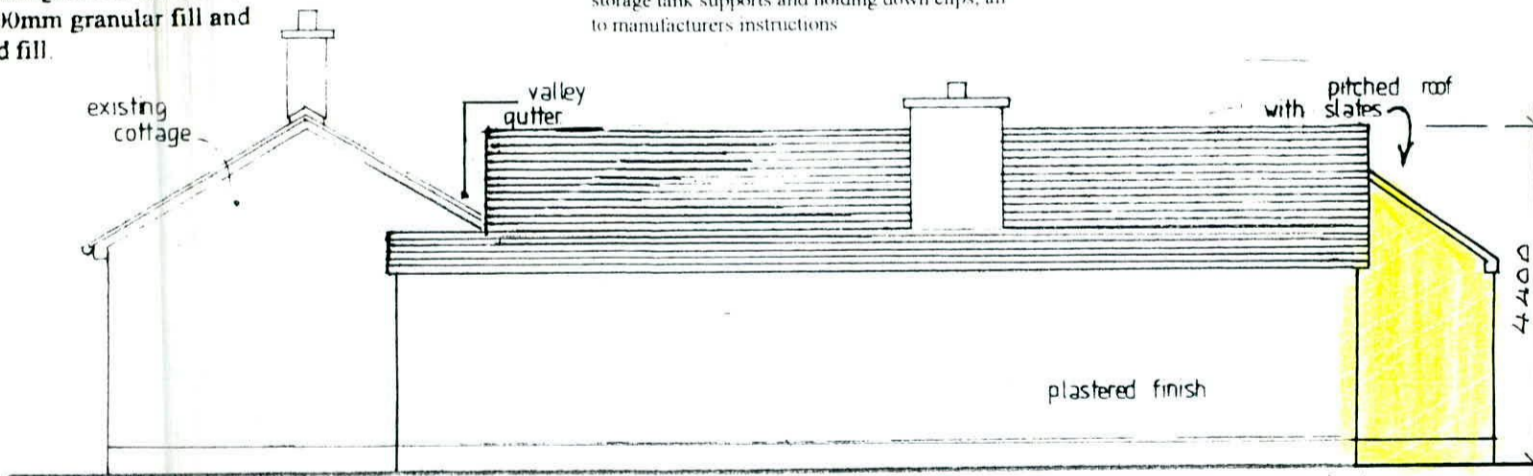
Plumbing:
Wash basin - Trap 32mm Seal 75mm.
Bath / Bath - Trap 40mm Seal 75mm.
W.C. - Trap 75mm Seal 50mm.

Drains:
100mm and 150mm diameter drains bedded on 100mm granular material, covered with 100mm granular fill and 200mm selected fill.

Roof: Coloured concrete roof tiles laid to manufacturers instructions on 35mm x 50mm battens on sarking felt on prefabricated roof trusses at 600mm centres to I.S. 193: 1986, complete with bracing, water storage tank supports and holding down clips, all to manufacturers instructions

Drains:
100mm and 150mm diameter drains bedded on 100mm granular material, covered with 100mm granular fill and 200mm selected fill.

Concrete Mixes:
Lean Mix 7.5 N/mm2
Pipe Bedding 10.0 N/mm2
Blinding 10.0 N/mm2
Strip Foundation 15.0 N/mm2
Ground Floor 20.0 N/mm2
Paths 25.0 N/mm2



SIDE ELEVATION SCALE 1:100

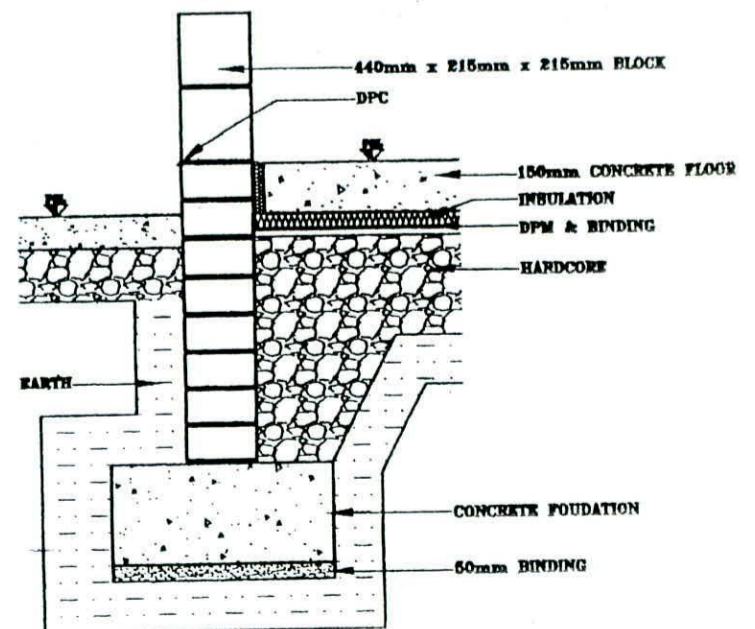
Ventilation:
Room vents - 6500sq.mm
Roof - 25mm continuous strip or equal.
Window opens Kitchen 1/10 of floor area, other rooms 1/20 of floor area

Insulation:
Maximum Elemental (U) Values:
Exposed Roofs - 0.25 W/M2 K.
Exposed Walls - 0.45 W/M2 K.
Exposed Floors - 0.45 W/M2 K

Floor: 150mm thick power floated concrete slab on 50mm thick polystyrene insulation, 25mm at external edges on 1000 gauge Visqueen damp proof membrane on sand blinding on 150mm minimum well consolidated hard-core filling.

Concrete Mixes:
Lean Mix 7.5 N/mm2.
Pipe Bedding 10.0 N/mm2.
Blinding 10.0 N/mm2.
Strip Foundation 15.0 N/mm2.
Ground Floor 20.0 N/mm2.
Paths 25.0 N/mm2.

Lintols: Precast concrete composite lintol and pressed metal lintols incorporating insulation, 225mm bearing each end.



FOUNDATION DETAIL 1:20

Drawing Number : 591/PD/04

Scale : 1 : 100

Date : 8 March 2017

Revisions: