

SURFACE WATER DRAINAGE

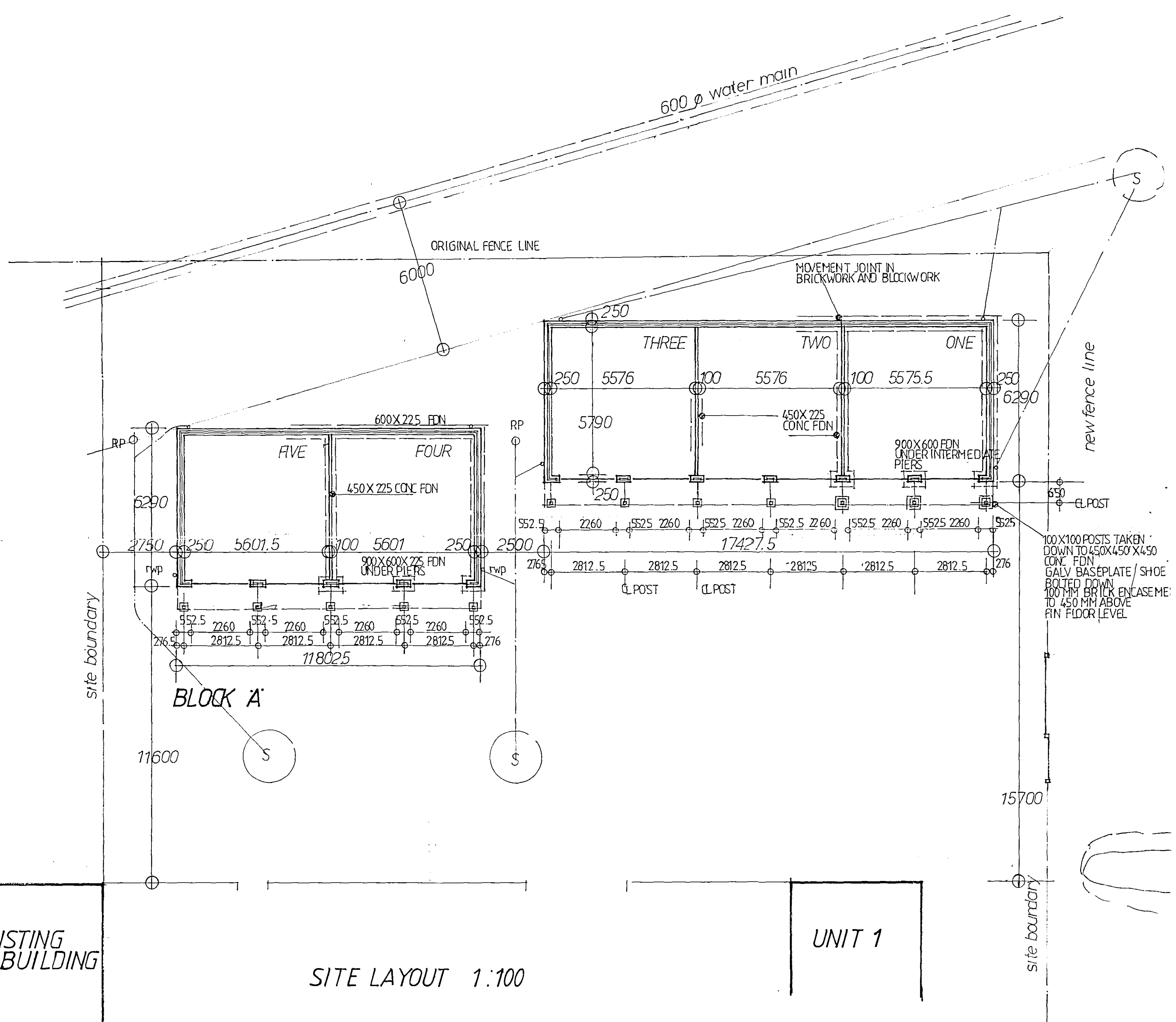
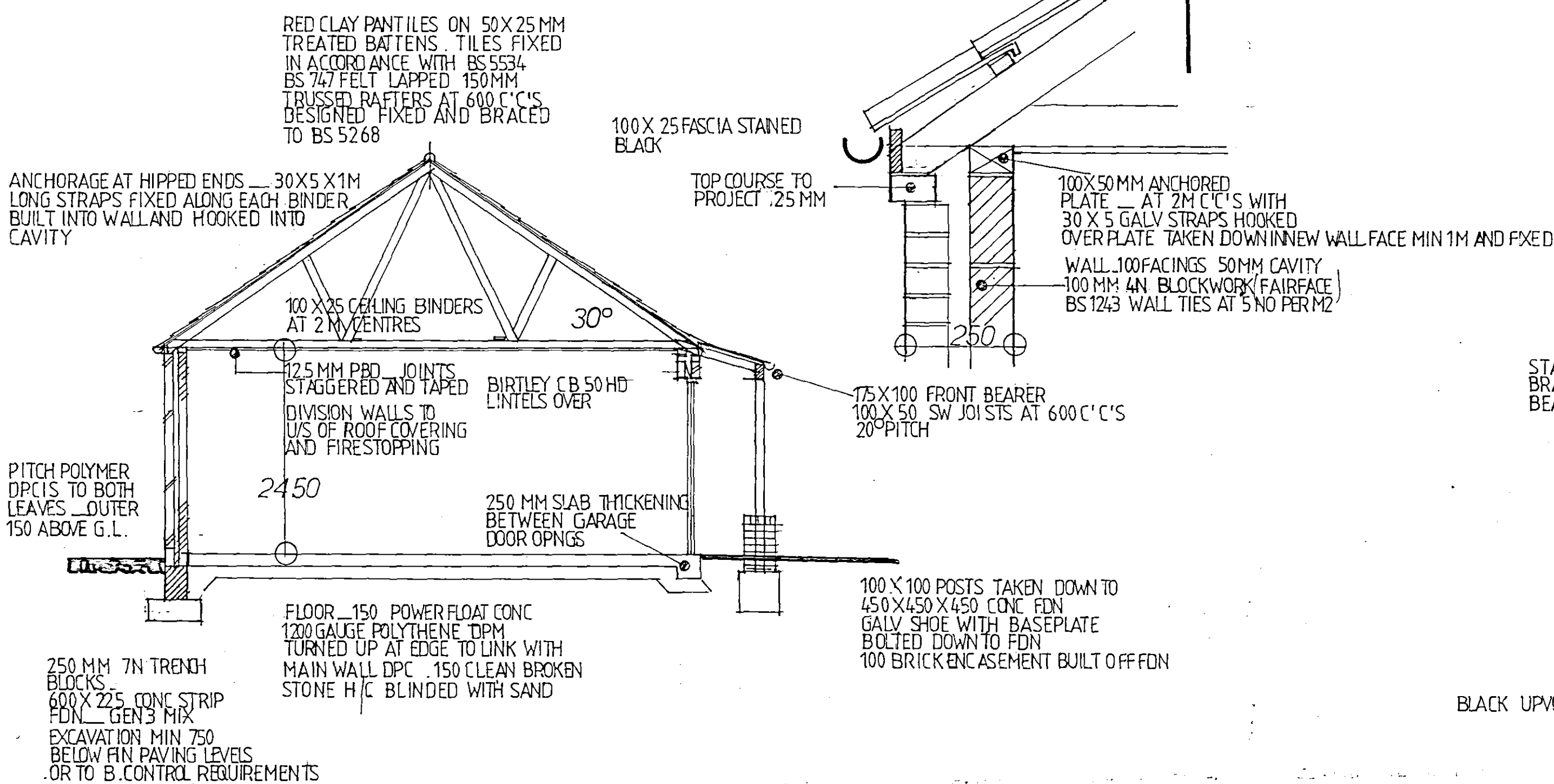
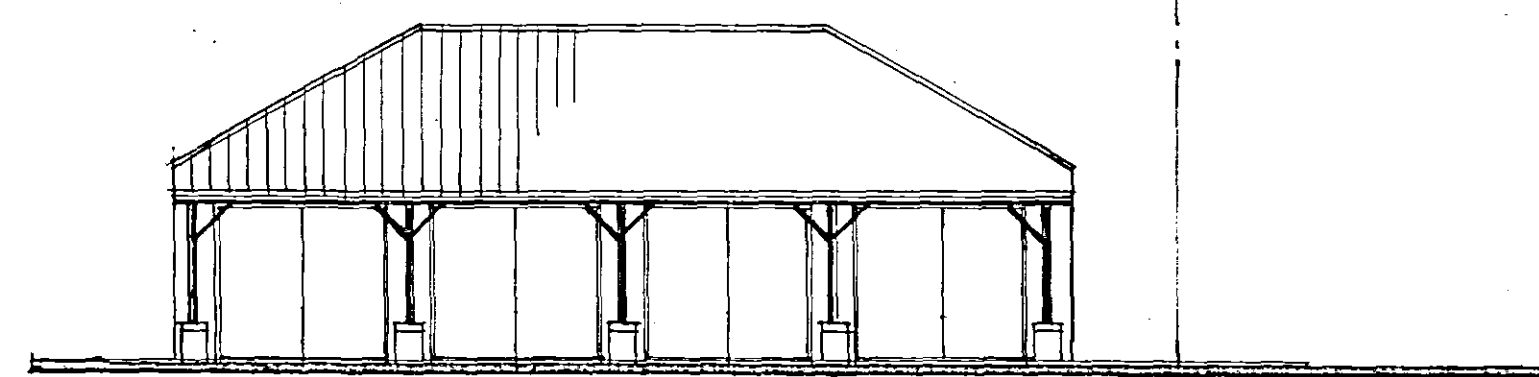
GENERAL

Surface water drains to be 100mm laid at not less than 1:100 gradient.

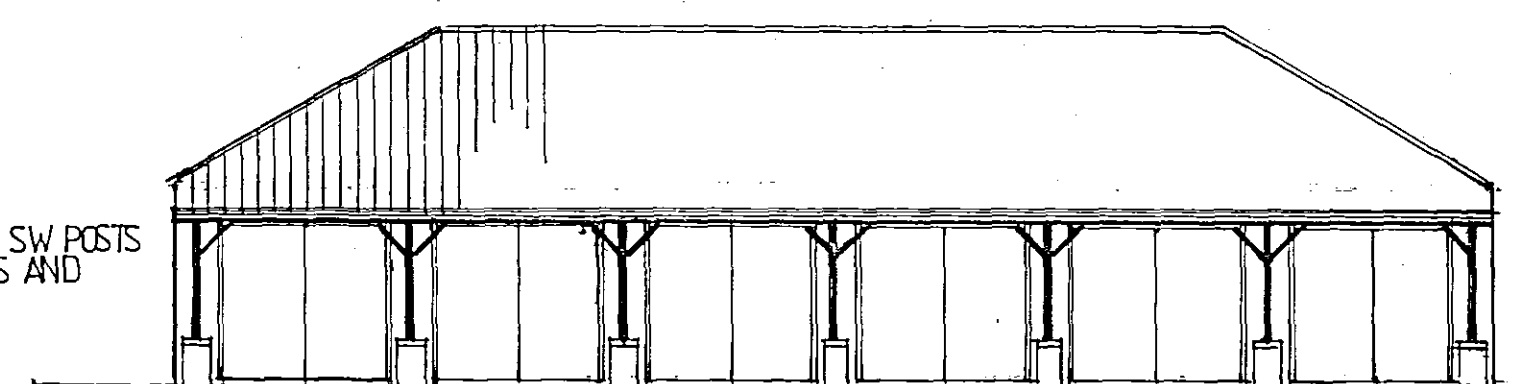
Pipes - 100mm diameter upvc to BSEN 1401 to recommended gradients all as indicated on the drawings. Bedding all as specified for flexible pipes in Diagram 10 i.e. 100mm bed of granular material to BSEN 1610 Annex B Table B.15 single maximum size or graded from 5mm to 10mm maximum size for 100mm pipes. Bedding material laid to top of pipe 300mm cover of selected fill or granular fill free from stones larger than 40mm. Pipe jointing to be appropriate to the material of the pipes and remain watertight under working and test conditions:

Pipe protection - where pipes have less than the minimum recommended cover in Tables 8.9 or 10 Part H1, granular surrounded pipes to be protected with min. 75mm concrete cover reinforced with A98 steel fabric with compressible filler. Refer to Diagram 11 of Part H1 of approved document.

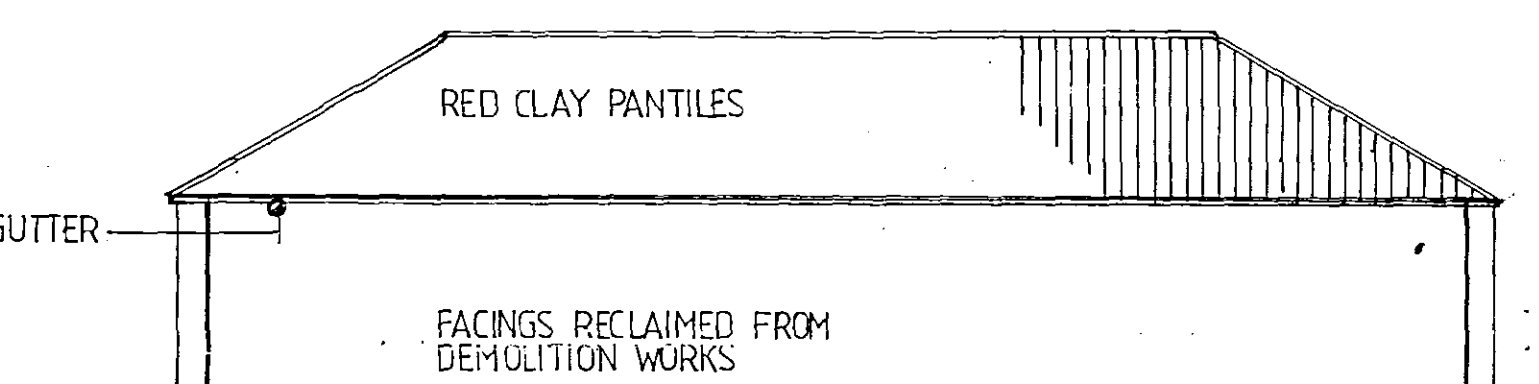
SOAKAWAYS (Areas less than 100M2)
To be constructed at least 5m from any building. To comprise of clean broken stone or perforated concrete rings built of 300x150mm deep concrete strip foundation. Percolation tests to be carried out in accordance with Part H2 paragraphs 1.34-1.38 inclusive to determine capacity of the soil. Storage volume to be calculated in accordance with formulae in Clauses 3.28 and 3.29 and agreed with Local Authority Building Control.



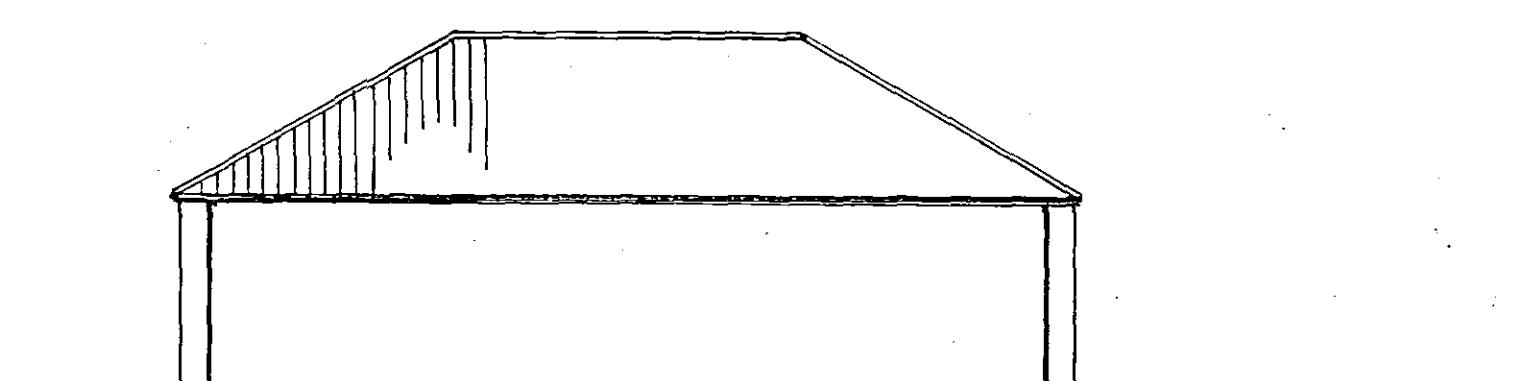
NORTH BLOCK 'A'



NORTH BLOCK 'B'



SOUTH BLOCK 'B'



SOUTH BLOCK 'A'

EAST ELEVATION BLOCKS 'A' AND 'B'
WEST ELEVATION MIRROR REVERSED

AMENDED PLAN
Ref. A1

SHOC
Planning & Development
22 JUL 2004
Ref: 058964

MR R. BINGHAM
Renovation and Repairs to
Existing Barns
The Manor Westhorpe
Road Gosberton
Spalding
SCALE 1:100 DATE APRIL 04
1022.04.15

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