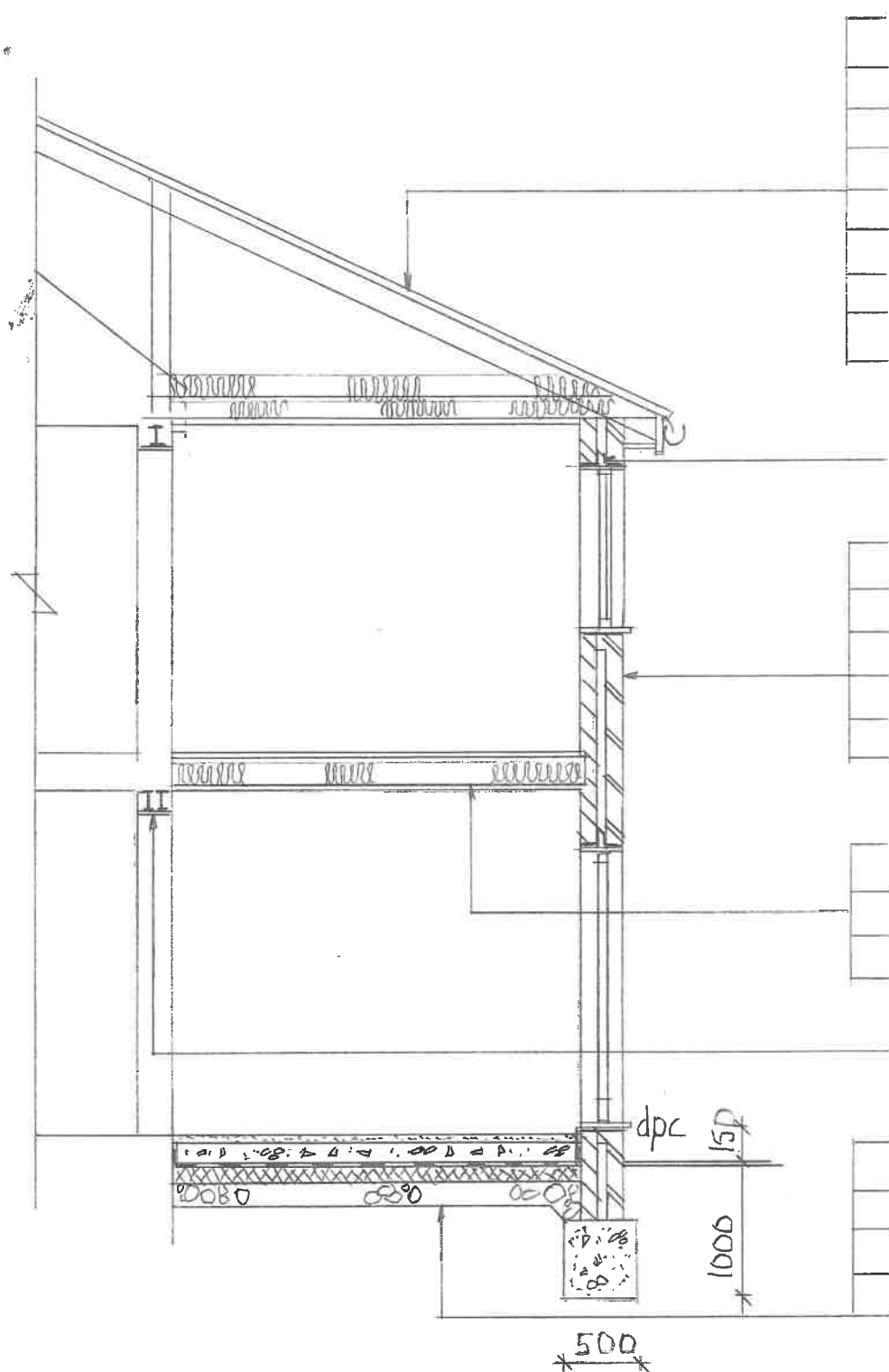




SECTION A-A

Concrete interlocking tiles on 25x32mm tanalised battens
 Tyvek or other approved breathable felt
 50x175mm C16 grade rafters at 450mm $\%c$
 Lateral restraint straps at 2M $\%c$ on pitch
 200mm insulation over ceiling joists
 150mm insulation between ceiling joists
 12.5mm plaster board and skim
 225mm upvc fascia with ventilating soffits
 100mm half round upvc gutters

Catnic or other approved lintols over external openings

102mm facing brick outer leaf
 100mm cavity with dri therm insulation
 5 No wall ties per M^2
 100mm blockwork inner leaf
 pvc damp proof course to B743 to cavity walls
 Insulating cavity closers to all external openings

18mm floor boarding
 50x175mm C16 grade floor joists at 450mm $\%c$
 150mm insulation between joists
 12.5mm plaster board and skim

Structural steel beams to engineers' detail, encased to achieve min $\frac{1}{2}$ hr fire resistance

50mm sand cement screed
 100mm 25N concrete floor slab
 1200g visqueen damp proof membrane
 125mm floormate insulation
 150mm clean well compacted hardcore

NOTE :- All electrical work to current IEE specification with
 Building Control Part P certification

DEMOLISH EXISTING GROUND FLOOR REAR EXTENSION
 CONSTRUCT TWO STOREY SIDE AND REAR EXTENSION
 24 FLAMVILLE ROAD
 BURBAGE

Scale: 1:50