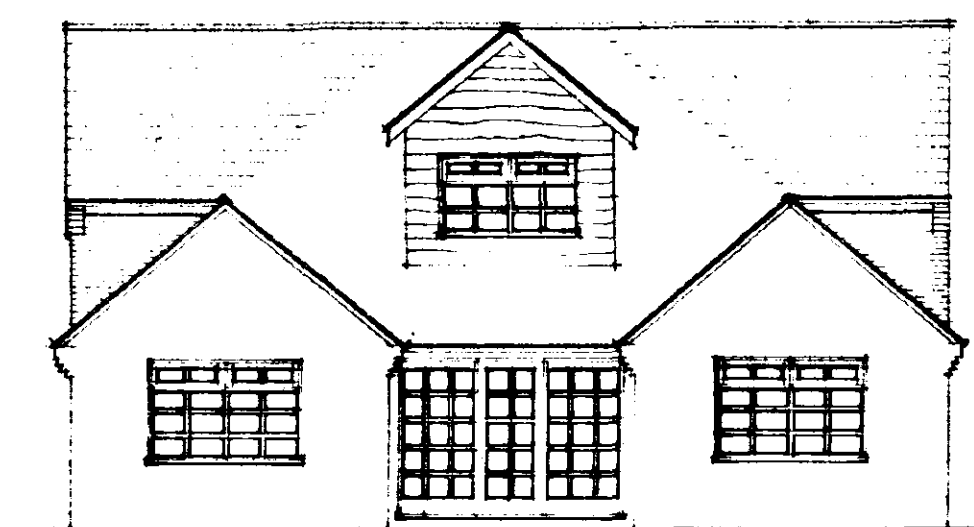
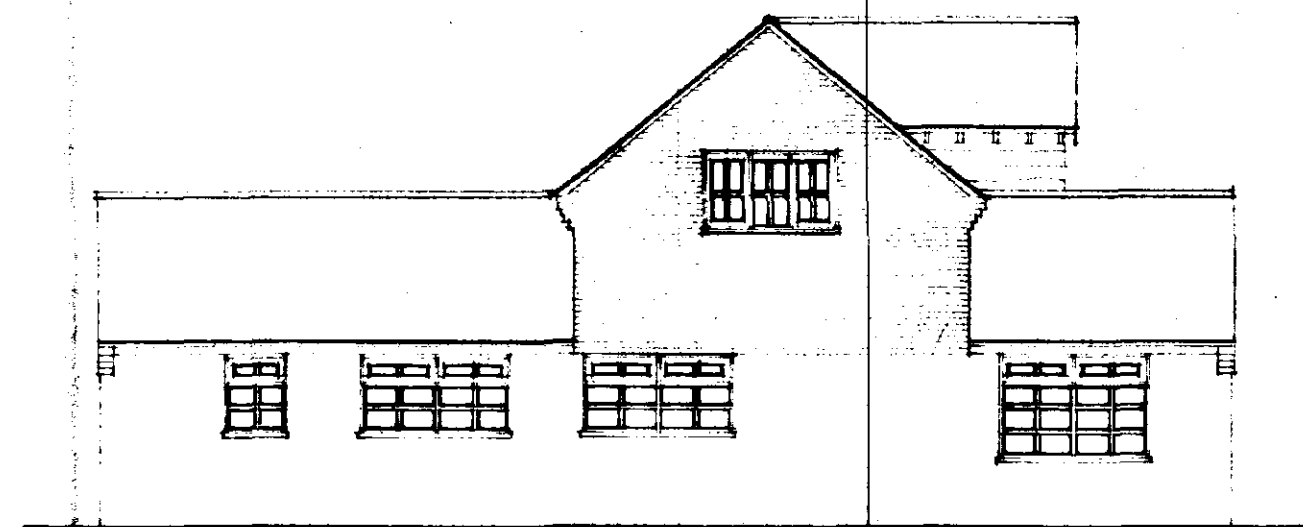
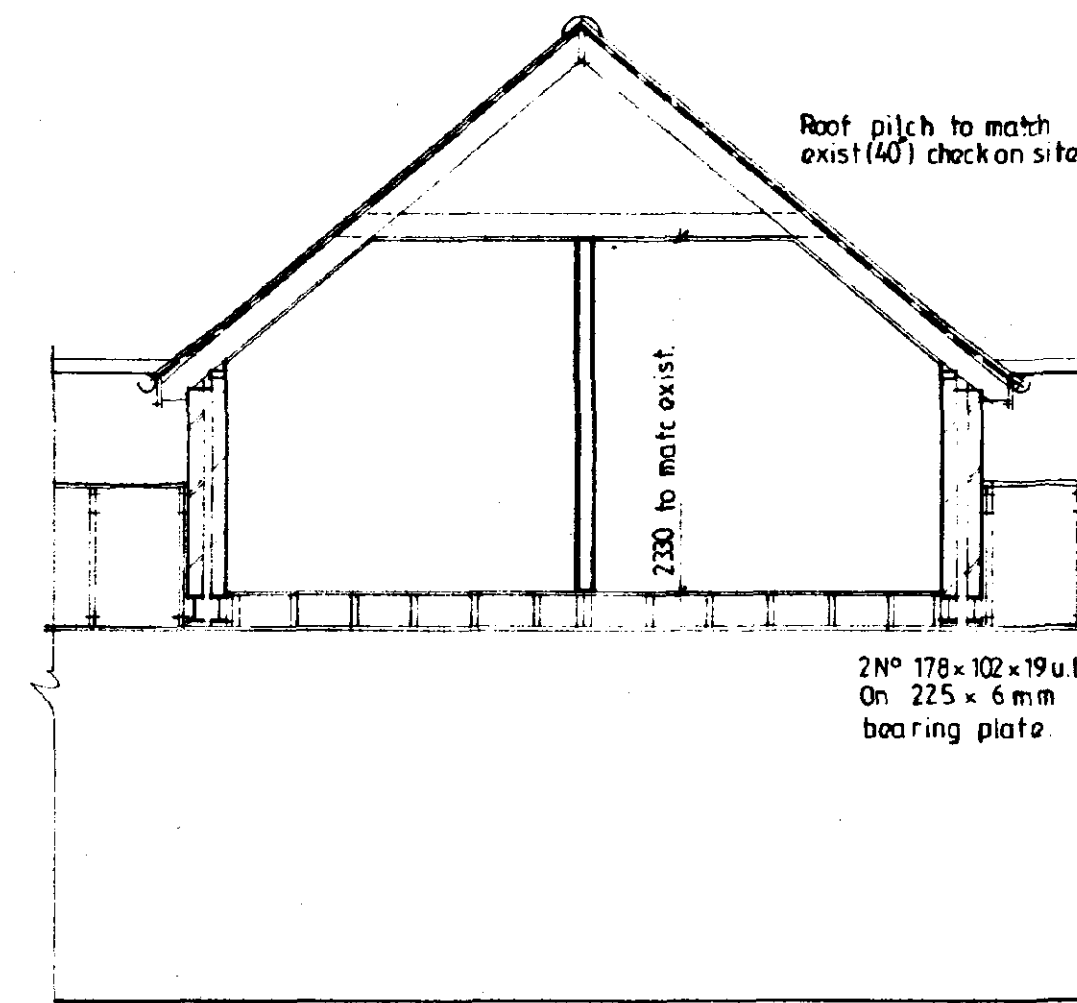




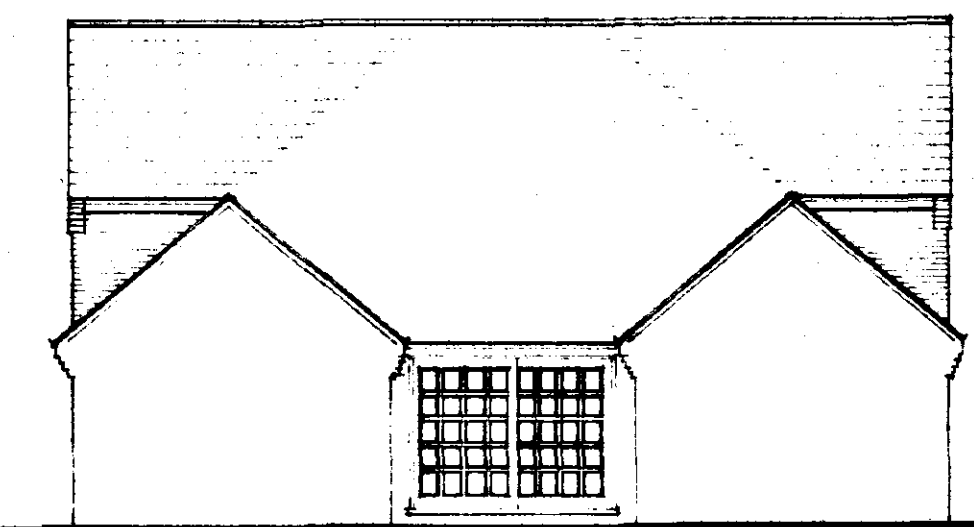
South Elevation



East Elevation



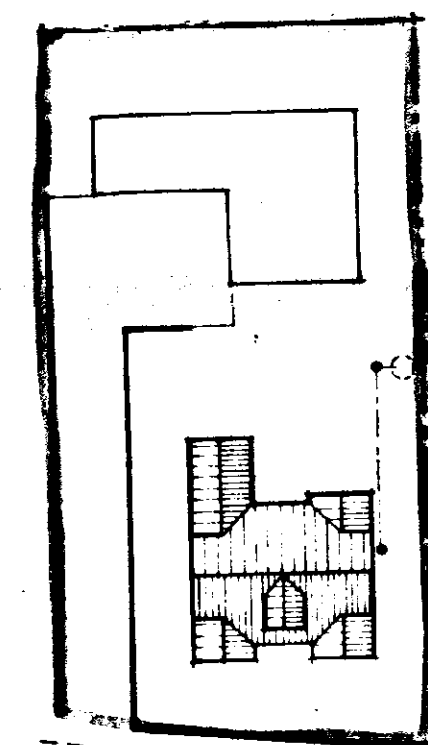
Section C - C



North Elevation



West Elevation



Block Plan 1:500

**LINTELS.**  
All lintels to be as manufactured by messrs I.G. and to be installed in accordance with makers instructions. And to have min. end bearing of 150mm and at external positions to have cavity tray d.p.c to CP 121. Internal lintels to be I.G. 100 Box type.

**FOUL DRAINAGE.**  
Soil and vent pipes to be 100mm int. dia. PVC to B.S. 4514: 1983 and to extend 900mm above window head terminating with PVC balloon. Waste pipes to be 40mm. dia. PVC to B.S. 3943: 1979 complete with rodding eyes at every change in direction. Bath and basin to have 75 deep seal traps. Shower to be raised on 150mm plinth with access plate to anti-siphon trap and 50mm waste.

**SURFACE WATER DRAINAGE.**  
115 dia. half round rainwater gutters to 63 dia. rainwater pipes to discharge onto existing roof and to existing soakaways.

**GLAZING.**  
Double glaze property throughout (minimum 12mm air gap to all units) excluding garage. All Glazing between f.f.l. and 800mm high and between f.f.l. and 1500mm high in doors and side lights to be safety glass to B.S. 6206.

**PITCHED ROOF CONSTRUCTION.**  
Natural Blue/black slates to match existing on 25 x 38 softwood treated battens on underfelt to B.S. 747 (type IP) and in all cases to be lapped by 150mm both vertically and horizontally. Slates to be laid with min. headlap of 100mm and to be fixed in accordance with regard to wind speed, roof pitch and exposure category as detailed in CP3 chapter V part 2 1972. Cut Roof to consist of 47 x 150 Rafter and Ceiling Joists at 400mm c/c. Roof Pitch 40 deg. CHECK ON SITE. 38 x 200 ridge board. 2No 38 x 100 batten. 38 x 100 batten to be strapped to wall plate by 30 x 5 galvanised metal straps acting as anchor and lateral restraint straps at max. 1.5m c/c. Note: provide solid bridging beneath straps. 50 x 100 wall plate bedded on sand and cement. 25 x 150 fascia boards: 6mm ext. grade plywood soffit complete with 25mm wide continuous air gap and fly proof screen. All structural timber to be min. C16 grade. Close cavity at plate level.

**CEILINGS.**  
To Flat areas provide 200mm glassfibre insulation total thickness. 100mm between rafters & 100mm over rafters. T Sloping areas provide 2No. 35mm of Celotex TS1 min. 50mm air gap over 12.7mm Gyproc "duplex" plasterboard 3mm skim finish. Provide min 38 x 38 noggins to all plasterboard edges. All joints to be taped and filled.

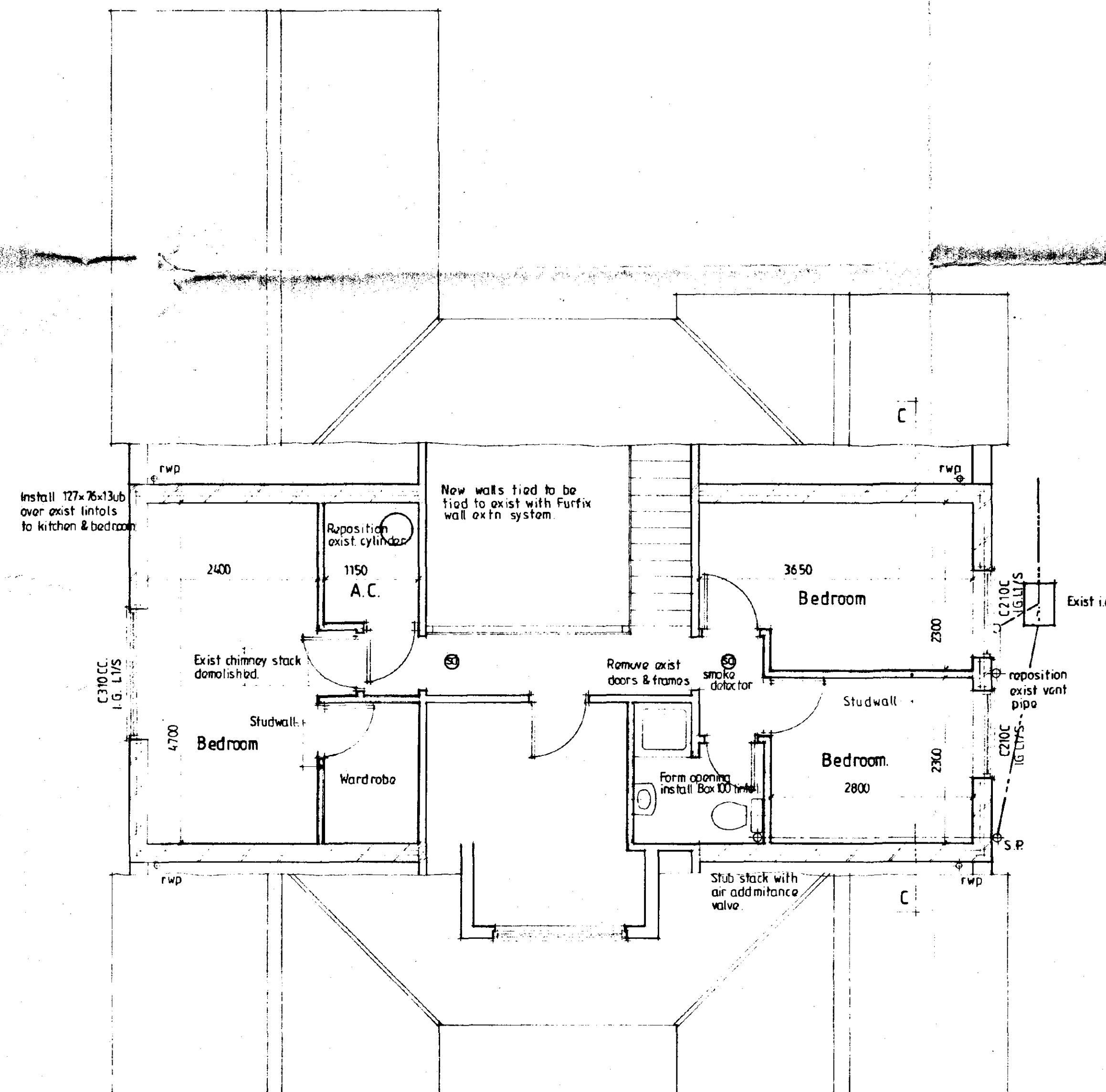
**WALLING.**  
265 cavity walling to consist of face brickwork to B.S. 3921: 1974 for clay bricks and B.S. 187: 1978 for calcium silicate bricks. 65 cavity build into cavity Rockwool cavity wall batts insulation boarding in accord. with makers instructions and agreement cert. No. 83/1087. 100mm Thermate Turbo solid insulation blocks or similar. Cavity walls tied together with 800 galvanised iron twist ties set 800 horizontally and 450 vertically to B.S. 1243: 1978 wall ties positioned at 300 vertical centres at all unbonded closures of cavity. Close cavities with 'Thermabrete' preformed closer and provide bitumen felt DPC to P. 121. External walls to have max 'U' value of 0.45 W/m2 deg. C. Internal Stud walls to consist of 38 x 100mm studs at 400mm c/c, both sides to be clad with 12.7mm plasterboard and skim. 100mm glassfibre infill between studs.

**FIRST FLOOR CONSTRUCTION.**  
19mm T&G flooring grade chipboard on 47 x 200 SC3 grade joists at 400/c: 30 x 5 galv. steel anchor and lateral restraint straps to joists at max. 1.5m c/c straps to be run over min. 38 x 38 joists with solid bridging beneath. Provide herring bone strutting min. 38 x 38 at mid span of joists where span exceeds 2.5m. Provide 2No. joists bolted together under all first floor walls where not supported on blockwork below.

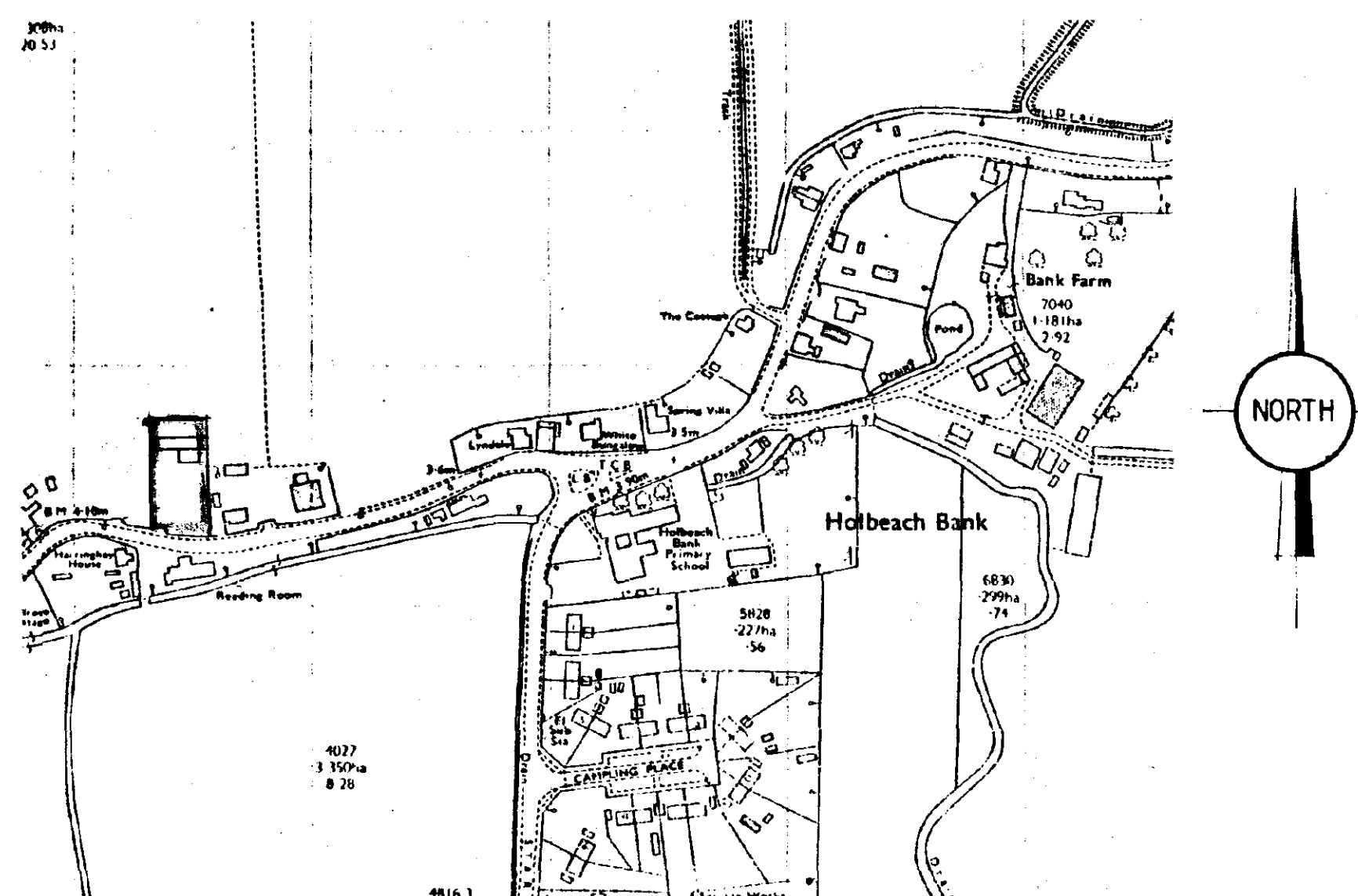
**VENTILATION.**  
All windows to have opening lights to give the equivalent of 1/20th the floor area. Provide background ventilation to habitable rooms min. 8000mm sq permanent free air ventilation per room. To all other rooms provide min. 4000mm sq. All following rooms to have in addition to above Wall/Window mounted mechanical extractor fan. Bathrooms to extract min. 15 litres per second which may be operated intermittently.

**HOT WATER AND SPACE HEATING.**  
Extend existing oil fired system as required. Provide suitable thermostatic valves to all radiators. Hot water storage system to be vented and all hot water storage tanks and pipes to be insulated to B.R. L1 pt 5.

**SMOKE DETECTORS.**  
Provide mains operated self-contained smoke alarms to B.S. 5446. pt1 in positions shown on plan.



First Floor



Location Plan 1:2500

**LIMITATIONS**  
This drawing is limited in the amount of information contained and does not purport to contain a full specification of the works. It is solely for the purpose of obtaining Building Regulation approval. The drawing must not be used as a contract document alone. All dimensions shall be taken from site from actual work. Under no circumstances shall measurements be scaled from this drawing for construction or ordering purposes. All given dimensions shall be checked by the Builder/Contractor and will be his responsibility from commencement of site works. The works will not be supervised or inspected on site by C.A.D. or any representative thereof. It is the client or their appointed agents responsibility to control workmanship, substitution of materials, adherence to specification, variations to contract etc.

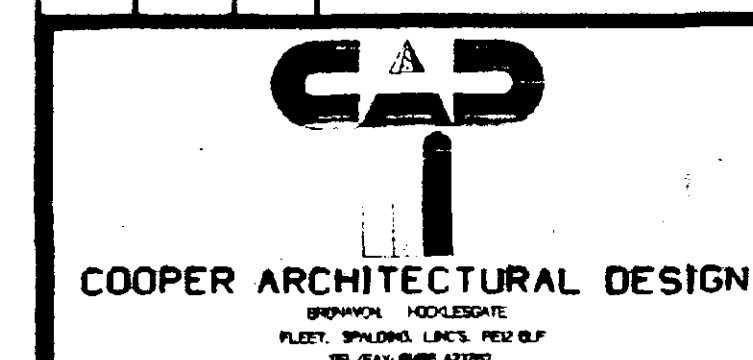
**STANDARDS**  
All materials to be new unless otherwise stated and all components and materials etc. to be used fitted and installed etc. in strict accordance with manufacturers instruction and relevant Code of Practice. Materials shall conform to appropriate British Standard Specification or BBA Certificate or European Code equivalent.

**SCOPE OF THE WORKS.**  
The works shall comprise of all that is shown on the drawing and details. Work that may not be specifically shown but may be reasonably inferred as necessary to carry out the works shall be deemed to be included.

SOUTH HOLLAND  
HOUSING  
24 APR 1996  
Ref: 0373/96

CONTRACTOR TO CHECK ALL DIMENSIONS  
ON SITE BEFORE WORK COMMENCES  
COPYRIGHT RESERVED.

| revision | date | init. | revision details |
|----------|------|-------|------------------|
|          |      |       |                  |
|          |      |       |                  |
|          |      |       |                  |
|          |      |       |                  |
|          |      |       |                  |
|          |      |       |                  |
|          |      |       |                  |
|          |      |       |                  |
|          |      |       |                  |



MR & MRS S. COLE

Project  
**PROPOSED EXTENSION TO  
MAPLE LODGE  
ROMAN BANK  
HOLBEACH BANK  
Lincs**

Drawing

PROPOSED

**DETERMINED  
PLAN**

|       |            |            |          |
|-------|------------|------------|----------|
| Scale | 1:50 1:100 | Drawing No | 95043: 2 |
| Date  | MARCH 96   | Drawn      |          |