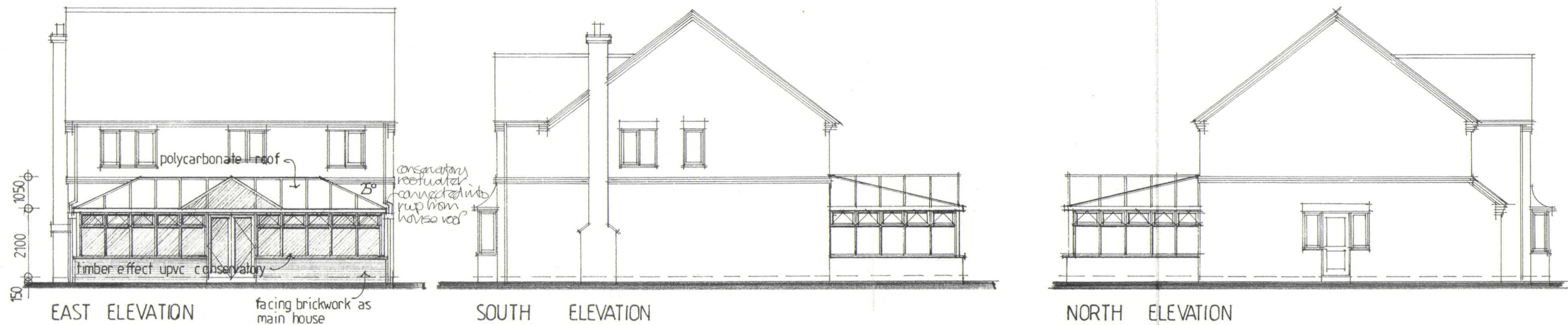




Foundations

Strip foundations are to be ST3 concrete to BS 5328:1981, 225mm thick and minimum 600mm below ground level (1000mm in clay), but local ground conditions to be taken into consideration, and final depth to be taken down to firm loadbearing stratum, and to Local Authority satisfaction. Foundations to be 725mm wide.

Floor Construction

To be 75mm screed, containing underfloor heating pipework, on 500g polythene vapour barrier turned up at edges full depth of screed, on 100mm Celotex Double R insulation turned up at edges full depth of screed, on 100mm concrete floor slab, on 1000g polythene dpm turned up at edges, and lapped with dpcs, on sand blinding, on min 150mm consolidated hardcore.

Wall Construction

Walls to be to dimensions shown and in strict accordance with BS 5628:Part 3:1985.

Below dpc (in 1:3 cement/sand mortar). Cavity walls to comprise internal and external skins of Thermalite Hi-strength 7 100mm block with 75mm cavity. External skin to terminate min two courses below ground level and then continue in brickwork to dpc. Internal skin to be built in blockwork up to one course below floor level, and continue up to dpc in brickwork. Cavity to be filled to ground level with weak mix concrete splayed outwards.

Above dpc (in 1:1.5 cement/lime/sand). Cavity walls to comprise 103mm outer and inner skins of facing brickwork, with a 75mm cavity, fully filled with Isowool insulation. Cavities to be closed at heads of all walls and of all openings with insulated cavity closers as required by Building Regulations.

Glazing

All glazing is to be toughened, solar-tinted sealed double glazing, with inner pane in Pilkington 'K' glass, set in PVCu frames.

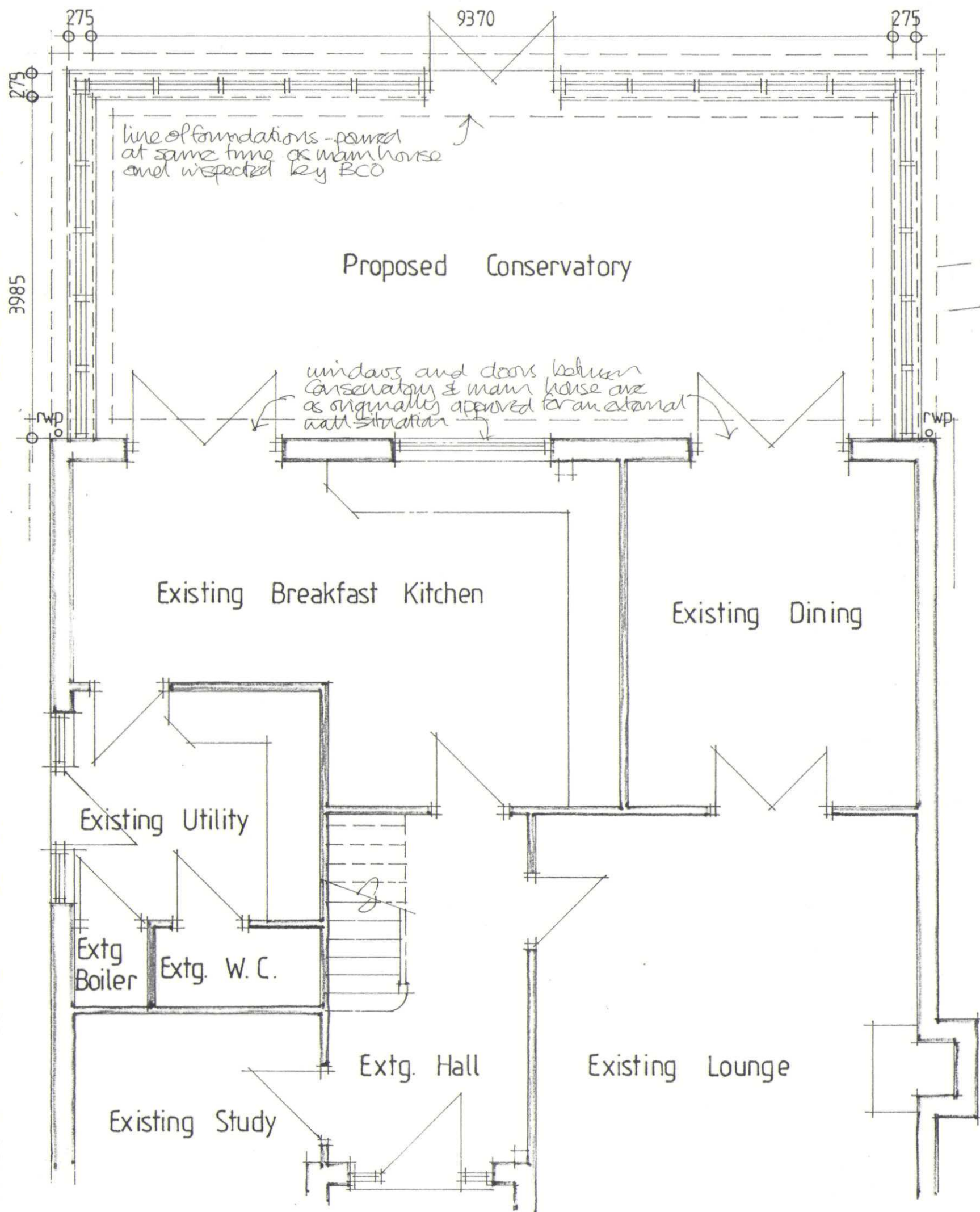
Roof glazing is to be solar-tinted triplewall polycarbonate, set in PVCu framing.

Ventilation

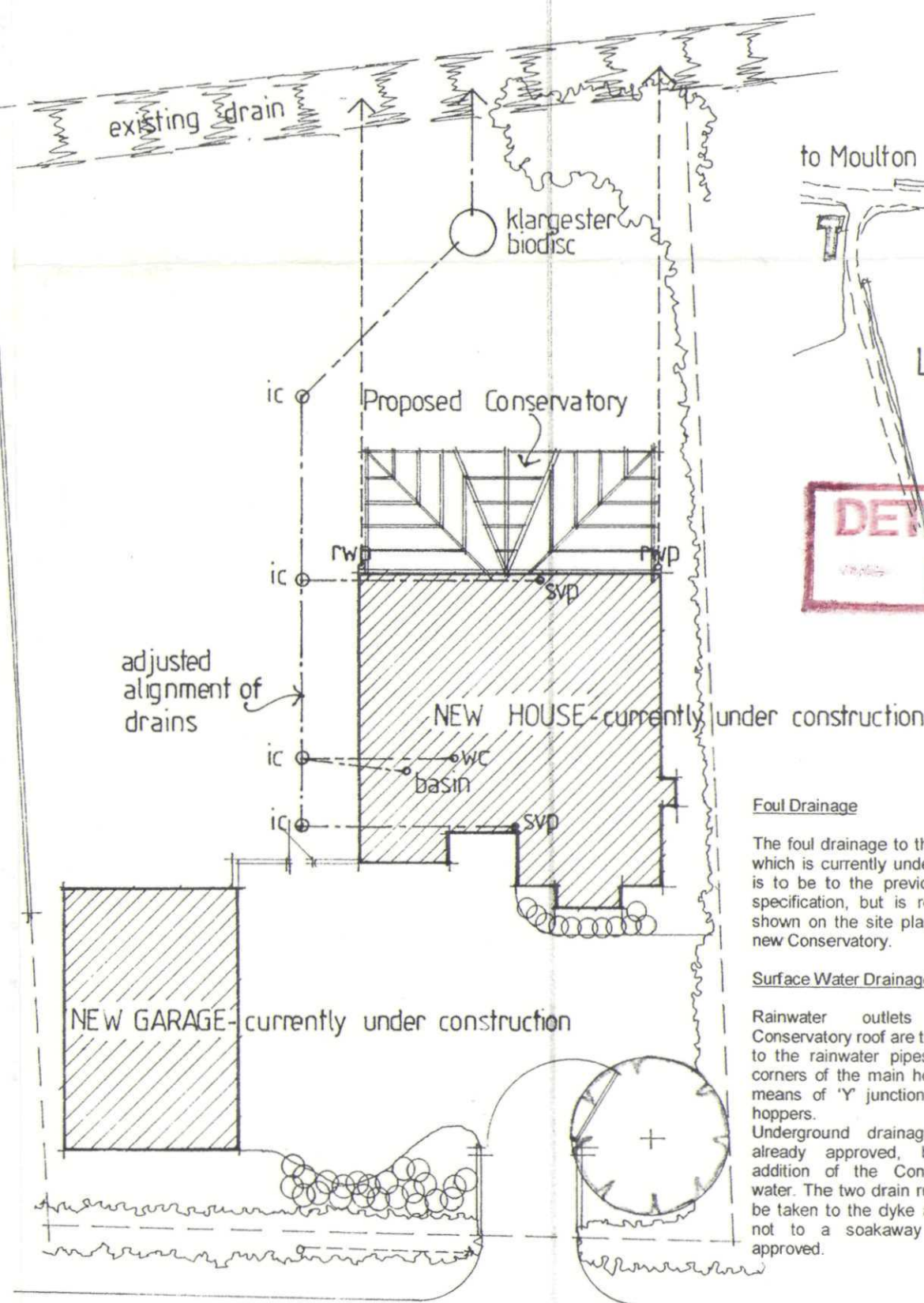
Each opening top light is to provide 0.173 sq. m. clear ventilation, and double doors to provide 2.6 sq. m. clear ventilation, giving a total of 6 sq. m., which is greater than 5% of the combined floor areas of the Kitchen/Breakfast, the Dining Room, and the Conservatory itself.

Heating

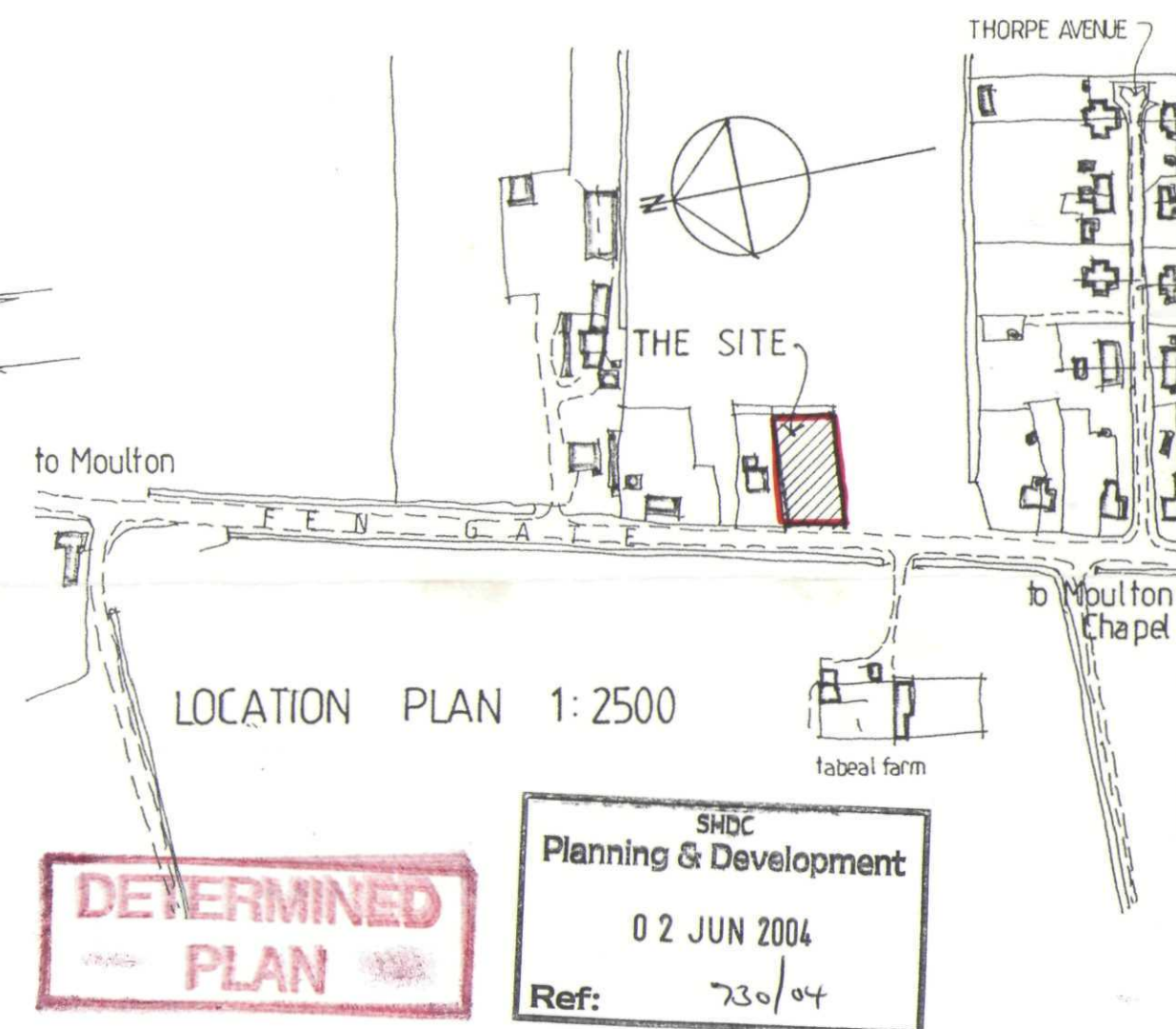
The conservatory is to be heated by means of an underfloor heating system, which is to have separate temperature and on/off controls. The electricity supply to the Conservatory is also to be separately circuited so that both electricity and heat can be turned off when the Conservatory is not in use.



GROUND FLOOR PLAN



SITE PLAN 1:200



TREVOR A CLAY R.I.B.A.
CHARTERED ARCHITECT
 14 OLD FENDIKE ROAD
 WESTON HILLS
 SPALDING
 LINCOLNSHIRE PE12 6DD

Project:
 PROPOSED NEW HOUSE AND GARAGE AT
 FENGATE, MOULTON CHAPEL FOR
 MR AND MRS SHAUN GOUGH

Drawing:
 PROPOSED CONSERVATORY

Date: 26 May 04
 Scale: 1:50/100
 Proj No: 03/118/PA
 Drg. No: 008
 Rev: