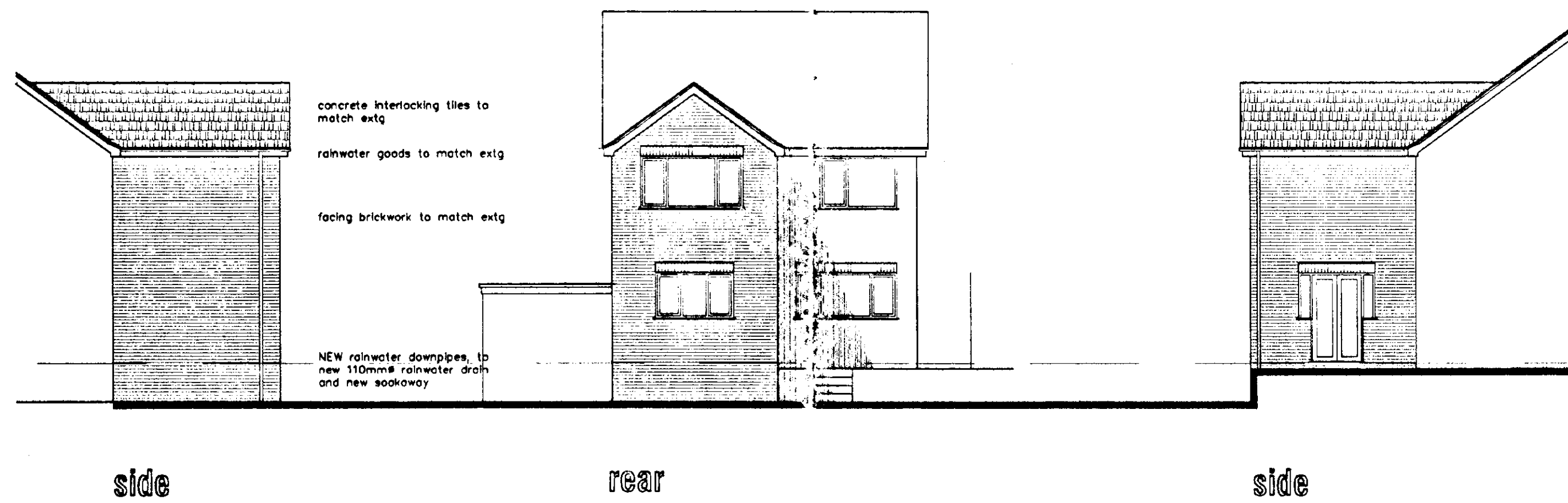


ELEVATIONS



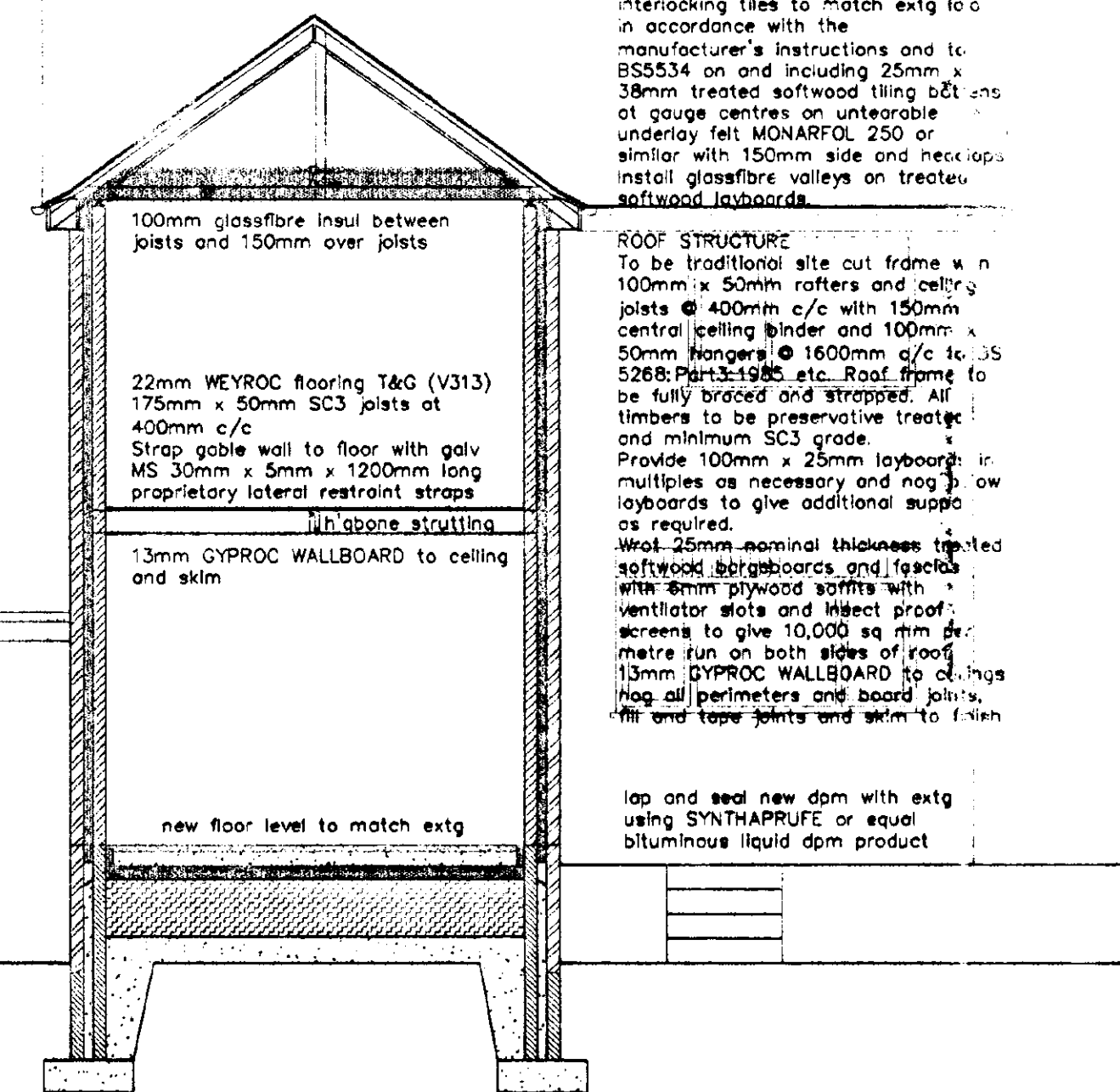
WALLING
103mm facings to match extg with 75mm cavity and 75mm DRITHERM insulation, 100mm TOPLITE lightweight aerated concrete blockwork. Stainless steel wall ties at 750mm centres horizontally and 450mm c/c vertically staggered 375mm every at course, wall ties at 225mm c/c at cavity closures.
Use FURFIX wall extension profiles to connect and tie new walling to extg. All work to comply with BS5628.

LINTELS
IG L1/70HD in all situations with 150mm min end bearings and cavity trays over.

SUBSTRUCTURE WALLING
100mm Class A dense aggregate concrete blocks (7N/mm²) below ground in two no skins with 75mm cavity filled to 300mm below lowest dpc with lean mix concrete ST1. Use FL durability designation bricks below dpc level.

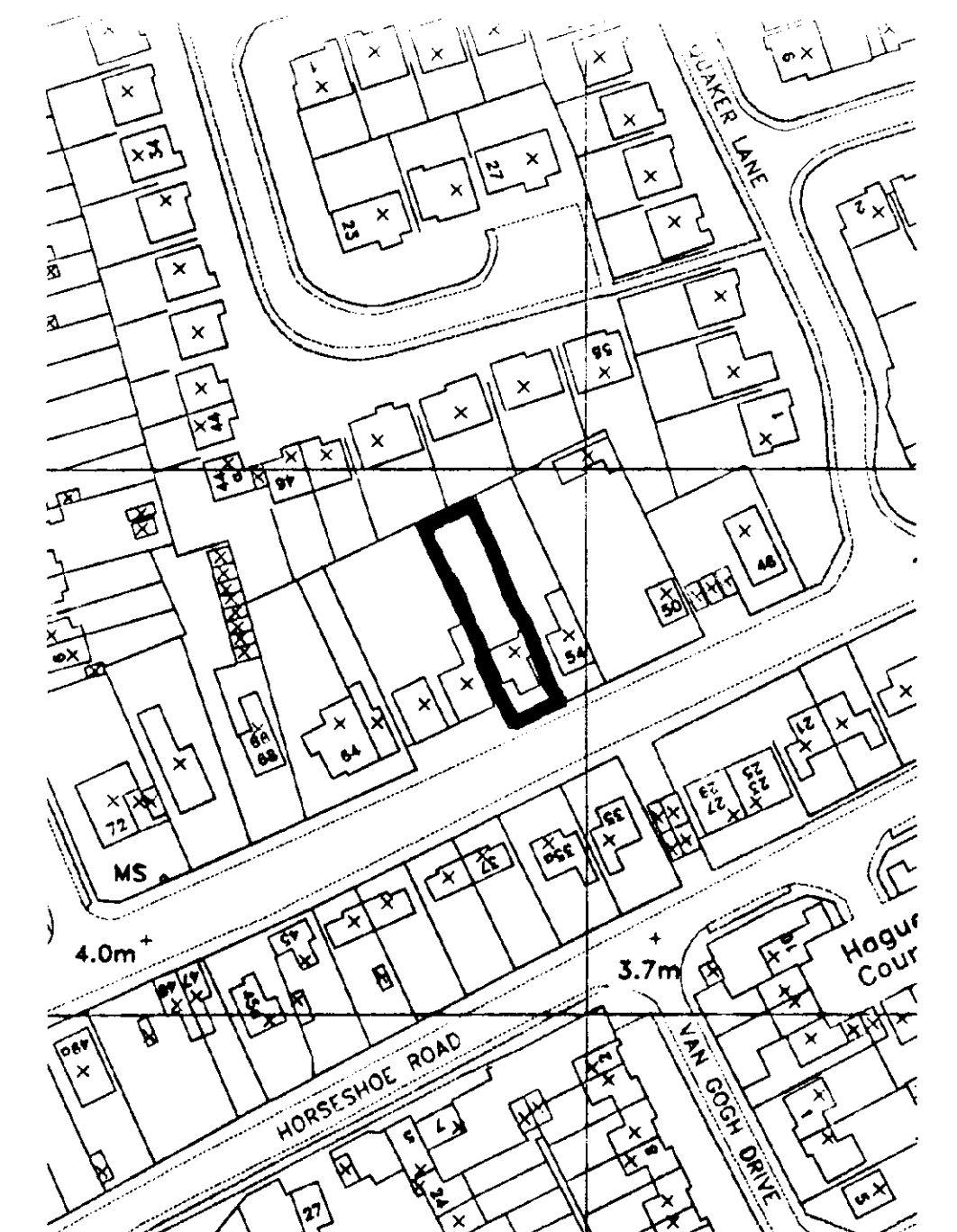
DAMP PROOF COURSES
Use ZEDCOR high density polythene damp proof course material horizontally and as cavity trays over lintels.
Horizontal dpc at 150mm above finished ground level with inner leaf dpc lapped with new damp proof membrane in floor.
Use DAMCOR insulated dpc at all cavity closures in external walls.

FOUNDATIONS
Foundations to be on firm consistent loadbearing strata not less than 750mm below extg ground level with all formations inspected and approved by the Local Authority Building Control Surveyor.
Foundation concrete to be GEN3 minimum and where it is to be reinforced shall be RC35 grade of mix.



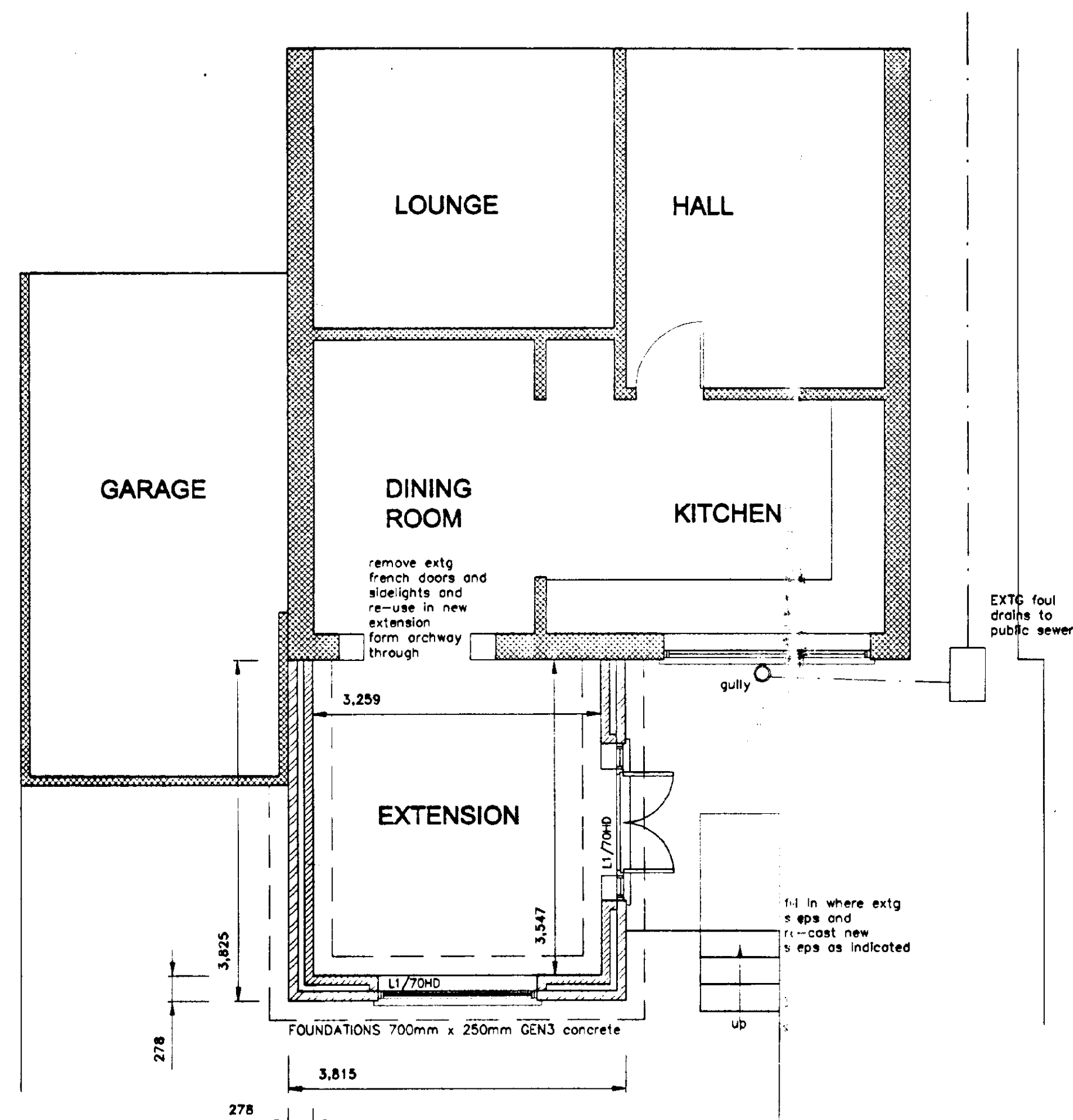
FLOOR CONSTRUCTION
Floor to comprise 50mm minimum thickness dense mortar screed laid level and compacted and to match extg internal floor level.
110mm concrete oversite floor slab in RC35 concrete with nominal A193 anti-crack mesh reinforcement over 300 micron polythene damp proof membrane.
VISQUEEN SUPER DPM with edges lapped with dpc in walls.
100mm POLYFOAM PLUS FLOORBOARD 220 flooring grade insulation with perimeter upstands on minimum 450mm thick fully compacted (IN 150MM LAYERS), well graded 75mm down clean stone hardcore with sand blinding.
Lay a blinding layer of lean mix concrete 200mm thickness and fill down to 1 of inner side foundations to stabilize formation and reduce depth of fill to be 600mm.

SECTION Scale 1:50

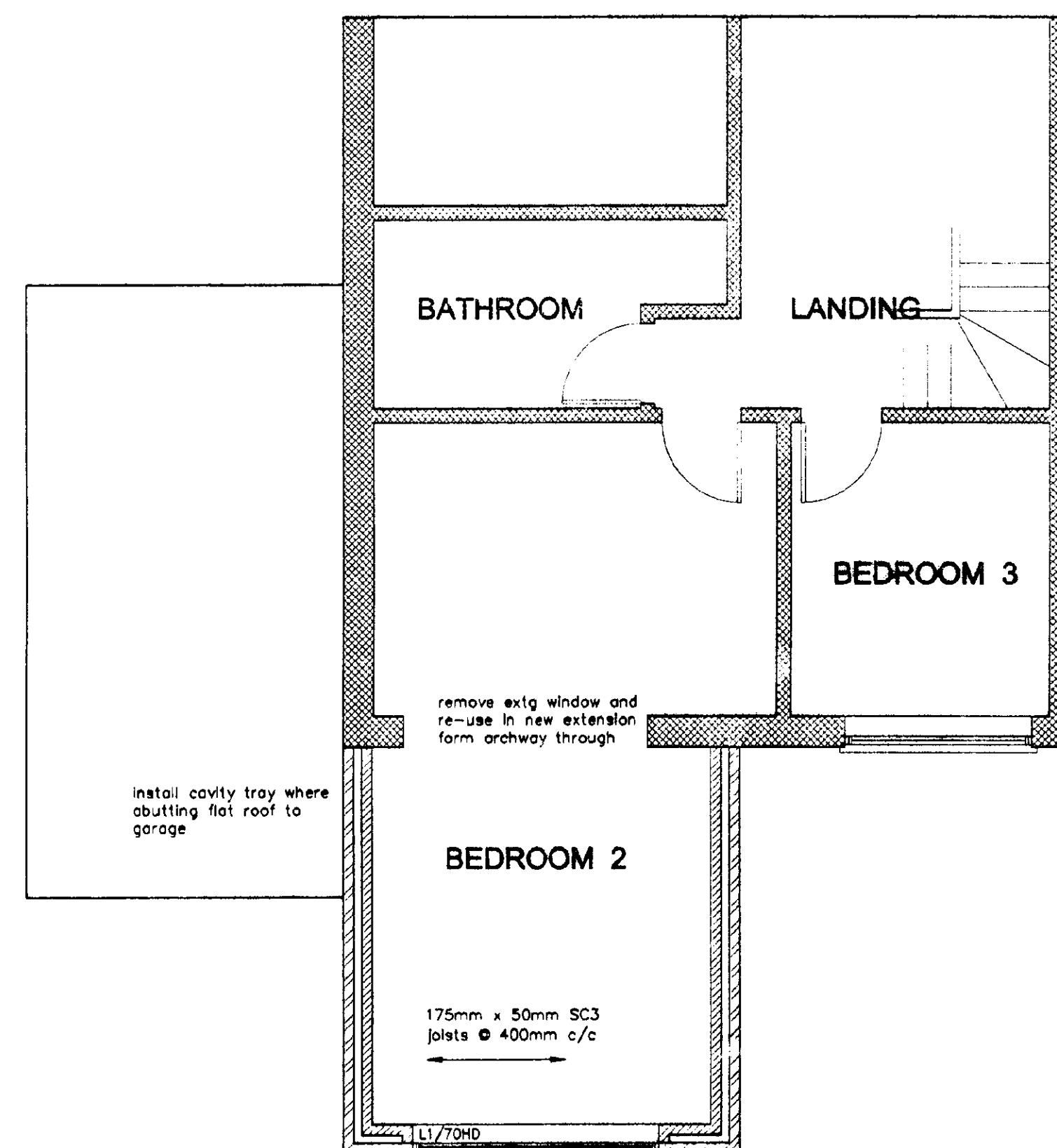


LOCATION PLAN

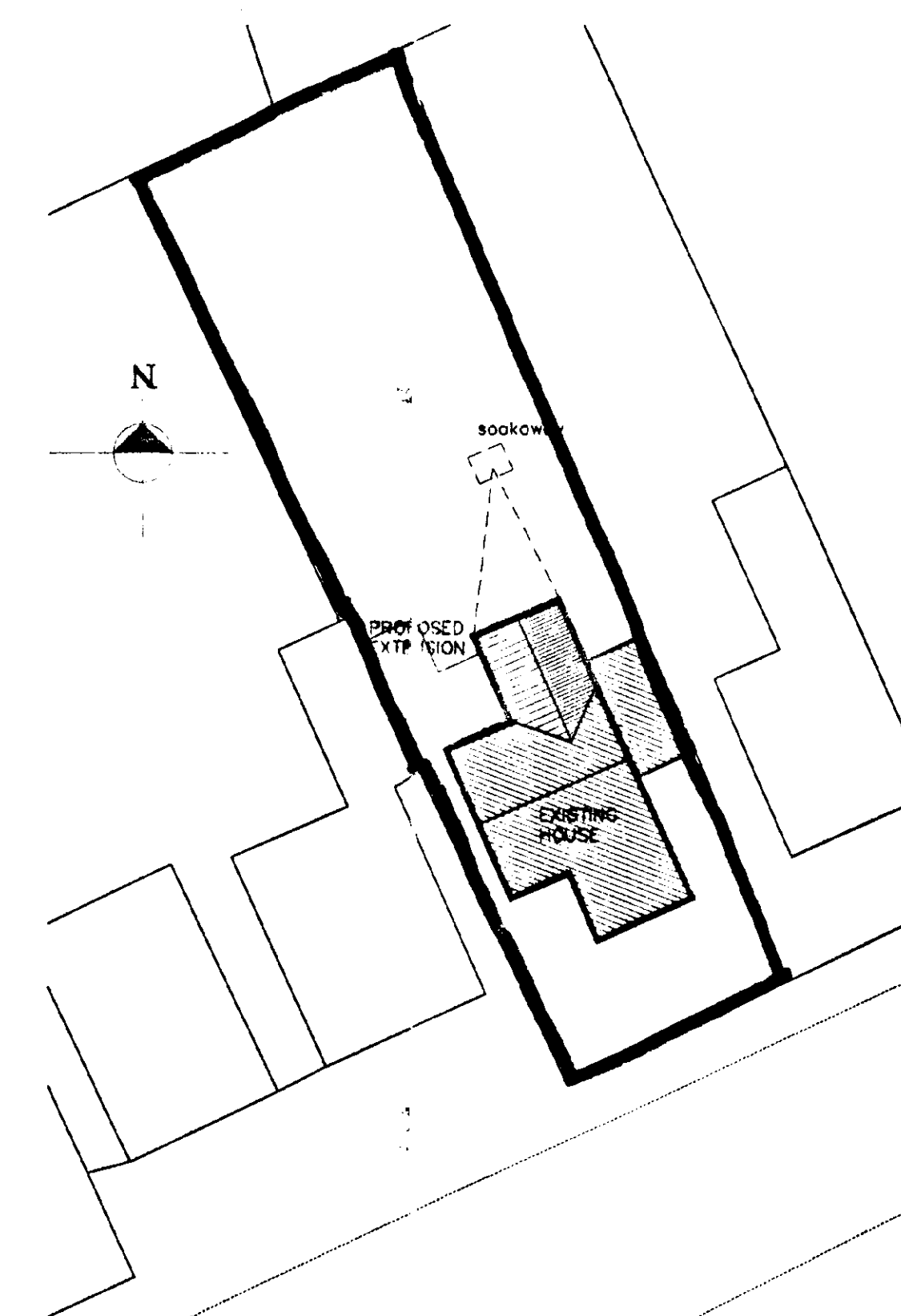
Scale 1:1250



GROUND FLOOR PLAN



FIRST FLOOR PLAN



BLOCK PLAN

Scale 1:250

DETERMINED PLAN

AMENDMENTS

A	SHDC Planning & Development 30 APR 2002 Ref 516/2
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client
Mr and Mrs R Archer

drawing General Arrangement Drawing Plan, Section and Elevations and Block Plan	scale(s) 1:50 1:100 1:250
date April 2002	checked
drawn by Peter Lithgow	drawing no 02/06
job no 01	