

0m Scale 1:50 4m
 0m Scale 1:100 8m
 0m Scale 1:200 16m
 0m Scale 1:1250 100m

05/62/91542/E2

OFFICE COPY

[When to scale of original plan, bar = 8cm]

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 050309

LINTELS.

IG. lintels type L1S WIL to new external first floor openings. Type L1HD WIL to new external ground floor openings. 150 min end bearings. Tray DPC over all lintels.

ROOF.

100 x 63 rafters at 400 crs. 122 x 50 ceiling joists at 400 crs. Joists spiked to rafters, rafters birdsmouthed over 100 x 75 wall plates. Roof felt over rafters tiles on battens.

250 total fibreglass, 100 laid with joists and 150 across joists. 13 plasterboard ceiling and skim ceiling.

Project fascia boards by 13 for roof ventilation Flyproof mesh to openings.

Ø100 half round eaves gutter conn to Ø63 RWP. Connect as shown,

WALLS.

Two skin foundation/ building block to ground level with cavity filled. Then outer of facing brick with inner of Thermalite or Celcon block. 75 cavity filled with Rockwool. Insulation to finish level with underside of floor insulation and meet roof insulation at top of wall. Insulation to be taken to full extent of any gable ends. Cavity closures to be insulated.

Garage Base.— 100 deep conc on an inert, sulphate free hardcore bed. Visqueen DPM to overlay wall DPC's. 50 screed over.

Provide 8000 mm² trickle vents to new bedrooms formed.

FIRST FLOOR.

170 x 50 floor joists at 400 crs with 25 nom T&G floor boards over. Plasterboard and skim ceiling.

225 x 75 sw purlin at midspan

225 x 75 equispaced binders

Ensure 13 vent gap at eaves. Flyproof mesh to openings.

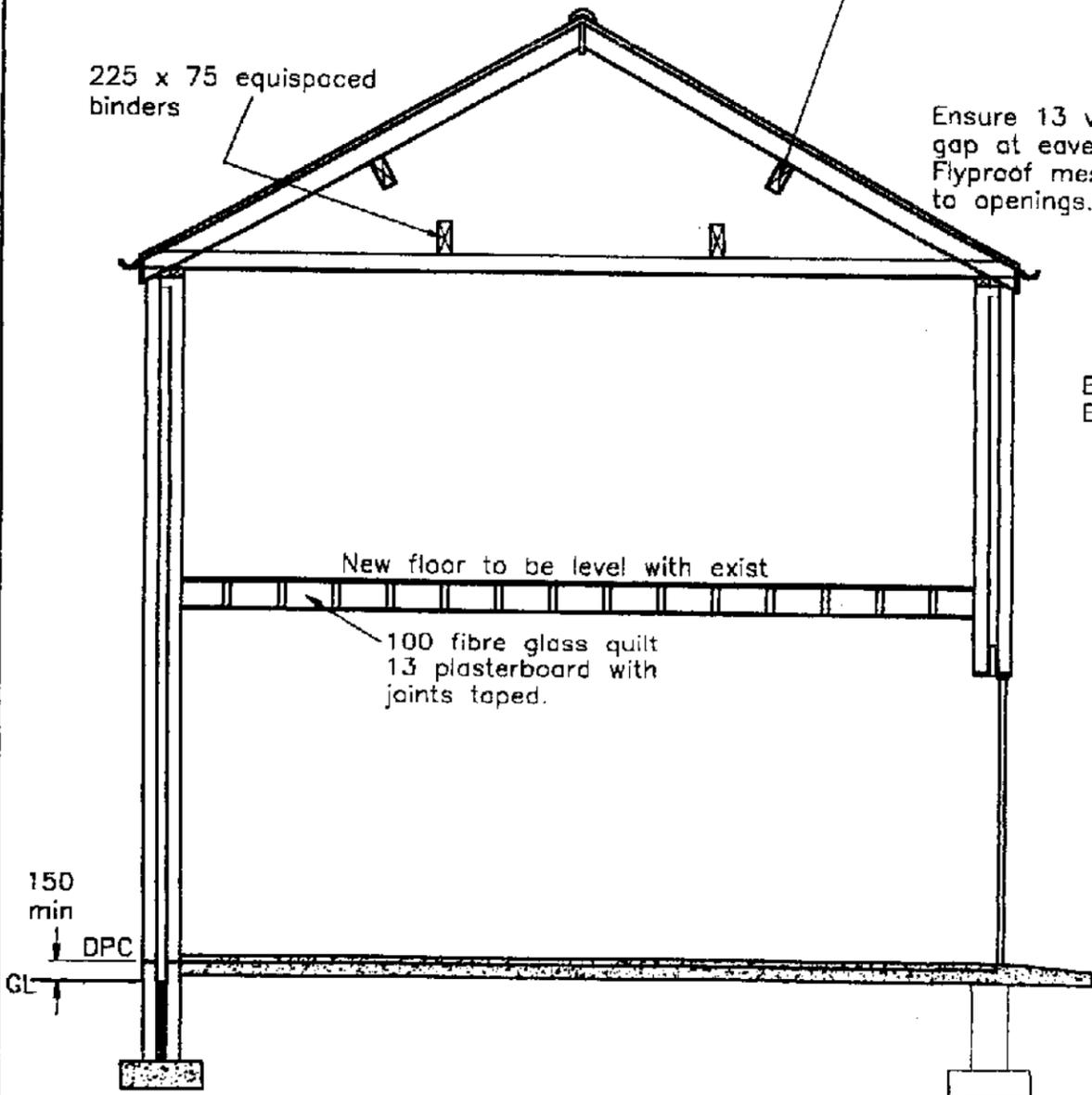
Exist gully -rodable, -trapped. 220 max rise

REAR ELEVATION

Wb— Ø40 min trap with 75 min seal depth.
 WC— Ø100 min trap with 50 min seal depth.
 Bath— Ø40 min trap with 75 min seal depth.
 All seals to first floor deep seal anti vac type.
 Common wastes Ø50 min. All conn to ex S&V.

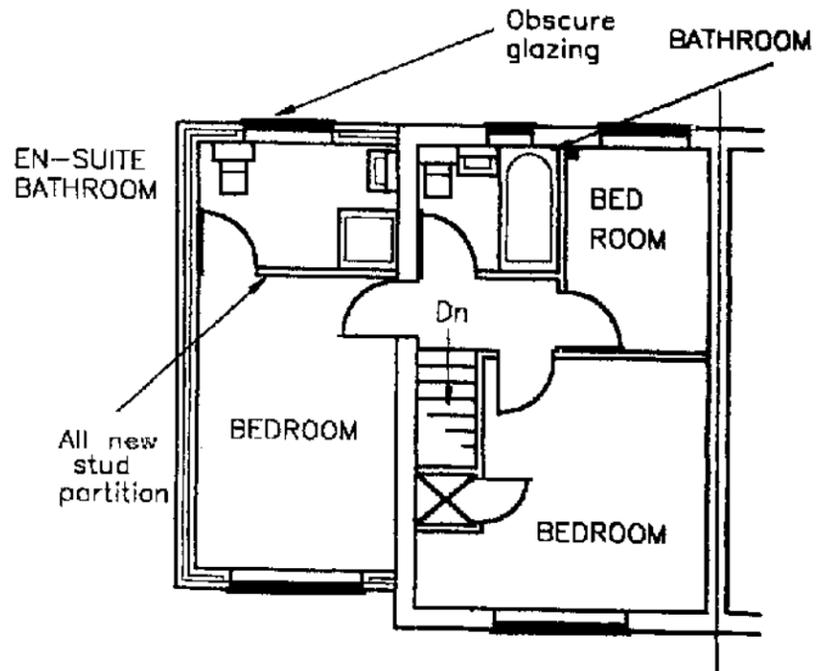
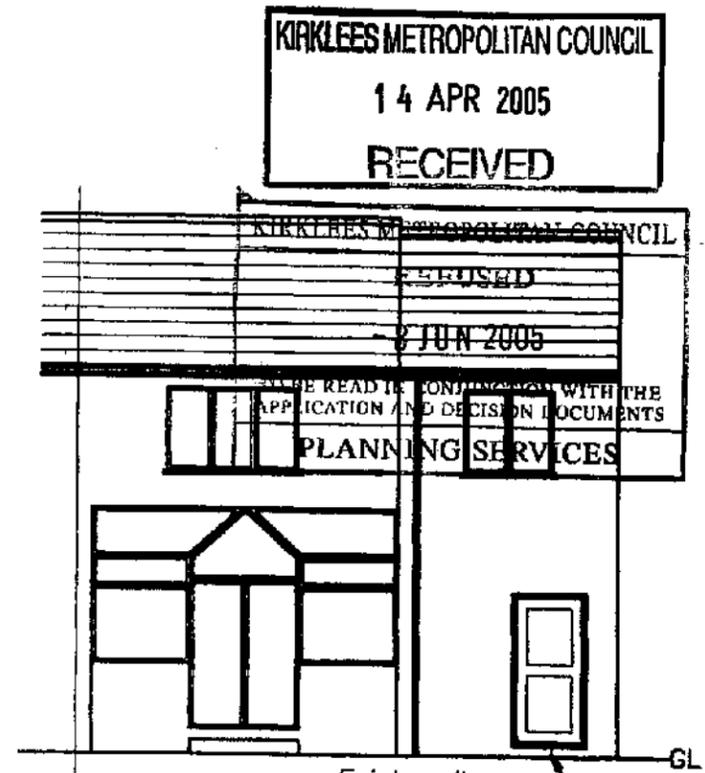
Bathroom to have 4000mm² min min trickle vents and mechanical ventilation of 15l/sec min.

Double plasterboard stud wall to ES



SECTION

1 light fitting required that will only take lamps with greater efficiency than 40 lumens per circuit-watt



FIRST FLOOR PLAN

FOUNDATIONS.

600 x 200 conc founds, central under walls. Concrete to BS5328 mix C15P or equivalent. Depth to be approved by B.C. Inspector.