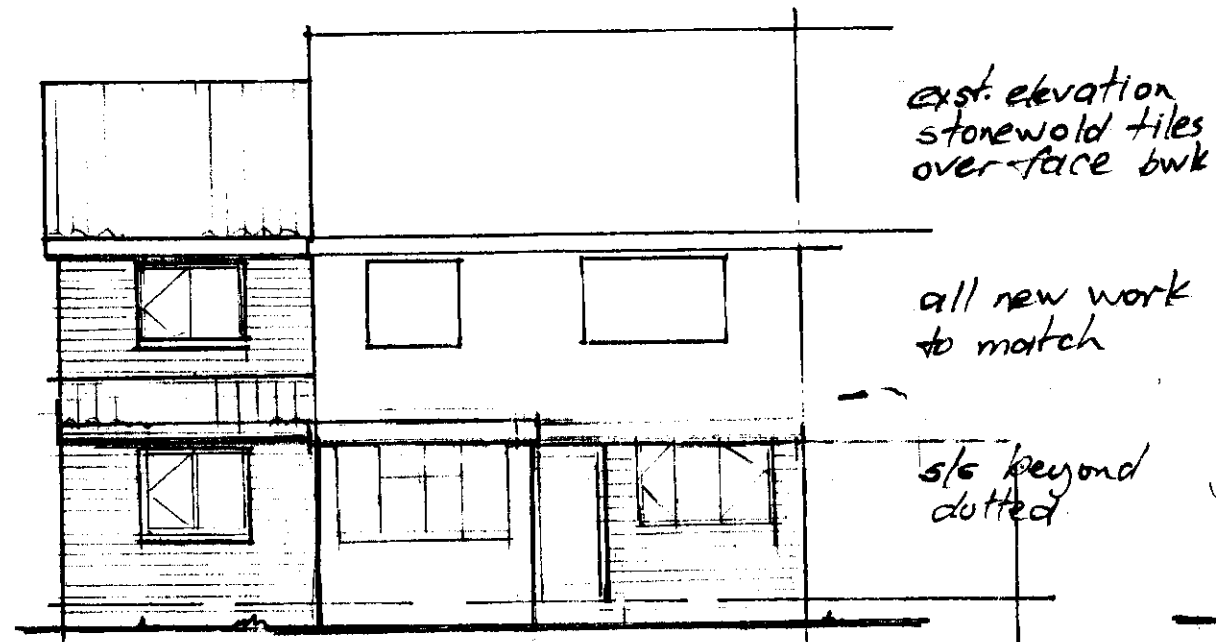


# 1 & 2 STOREY EXTENSION at 2, De HAVILLAND CLOSE, HATFIELD.

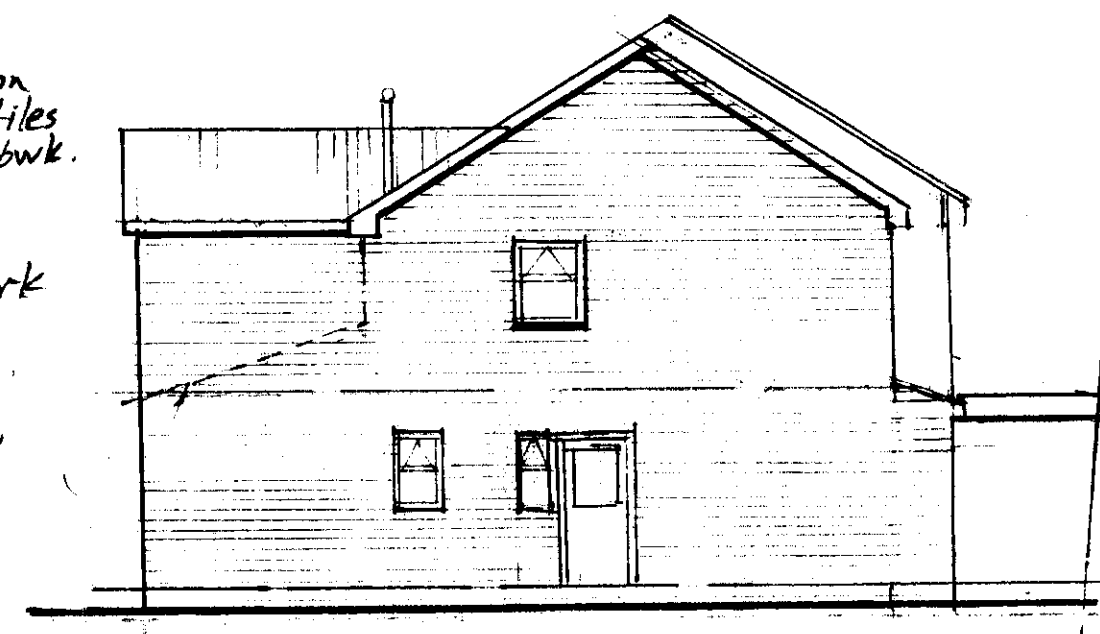
Scales 1:100 & 1:50 March '09

MR SHADI AL SAWAN

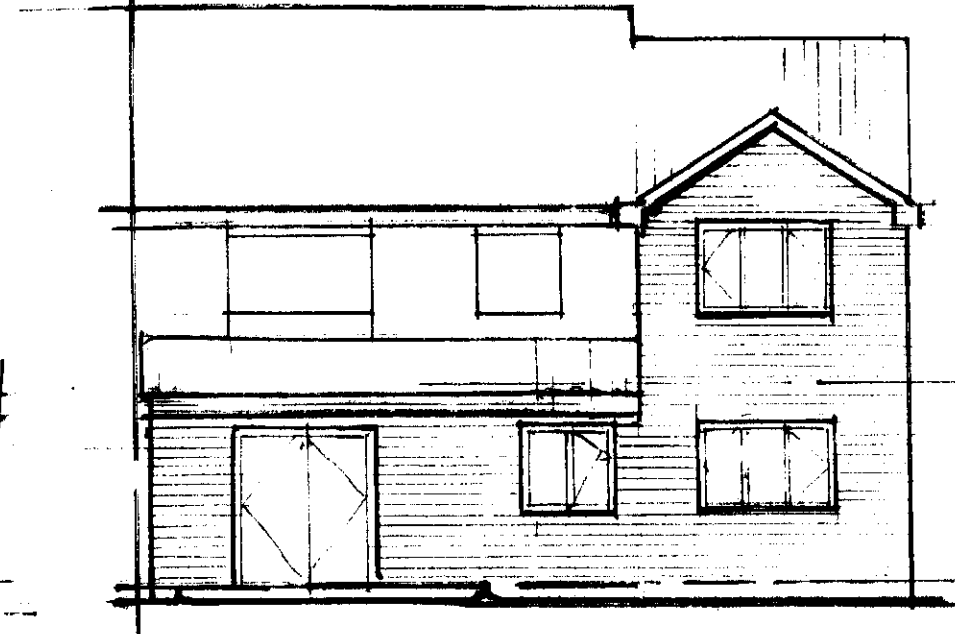


elev'n to road

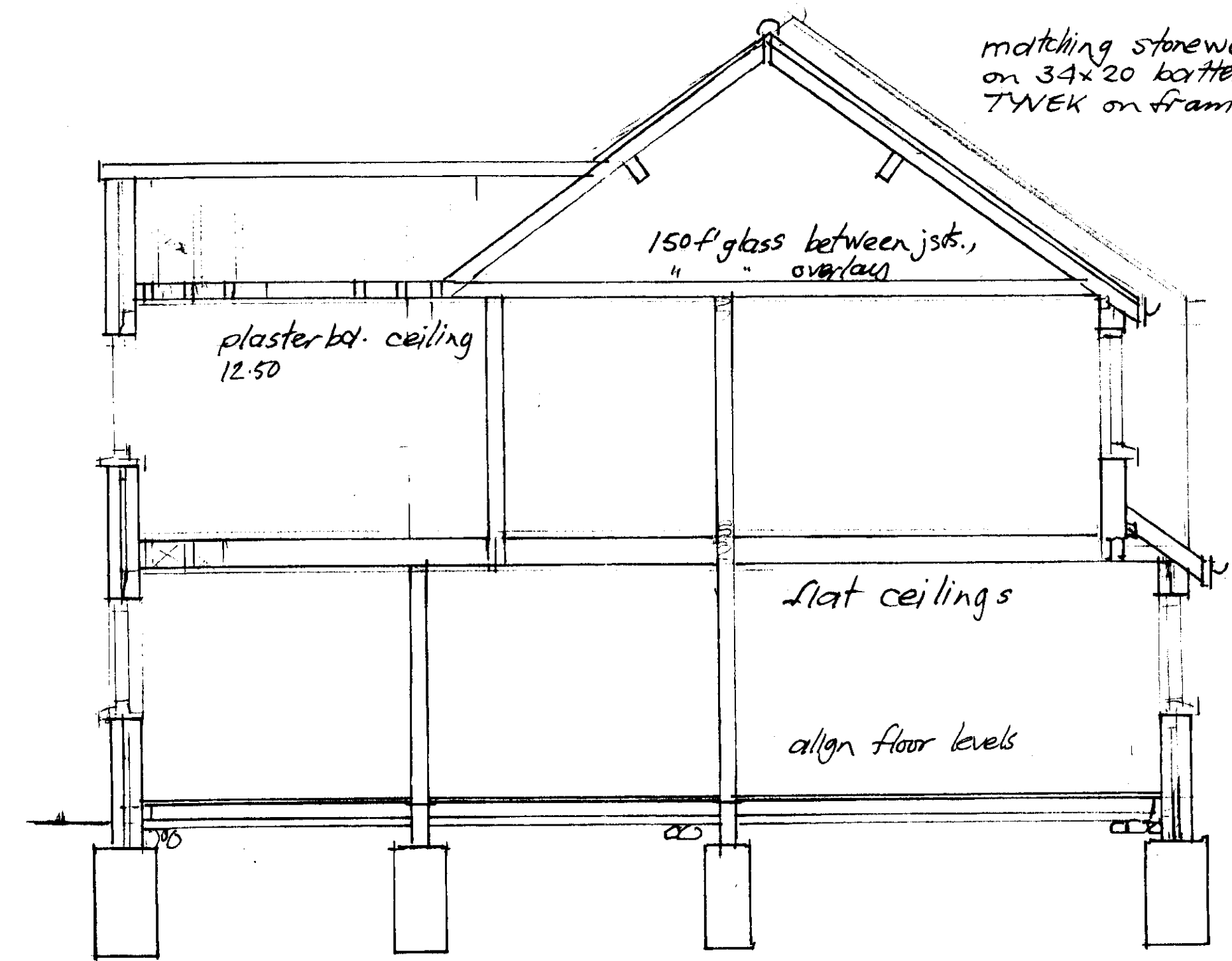
exist. elevation stone wall tiles over-face b/wk.  
all new work to match  
s/s beyond dotted



---to flank



---to garden



Section.

matching stone wall tiles on 34x20 battens on TYVEK on framing as plan.

Code 4 lead weathering at abutment  
100 pvc gutter on 20x50 s/ci, Cathnic or eq. lintel

feature tile as main bldg

Asdas dpc 150 above paving

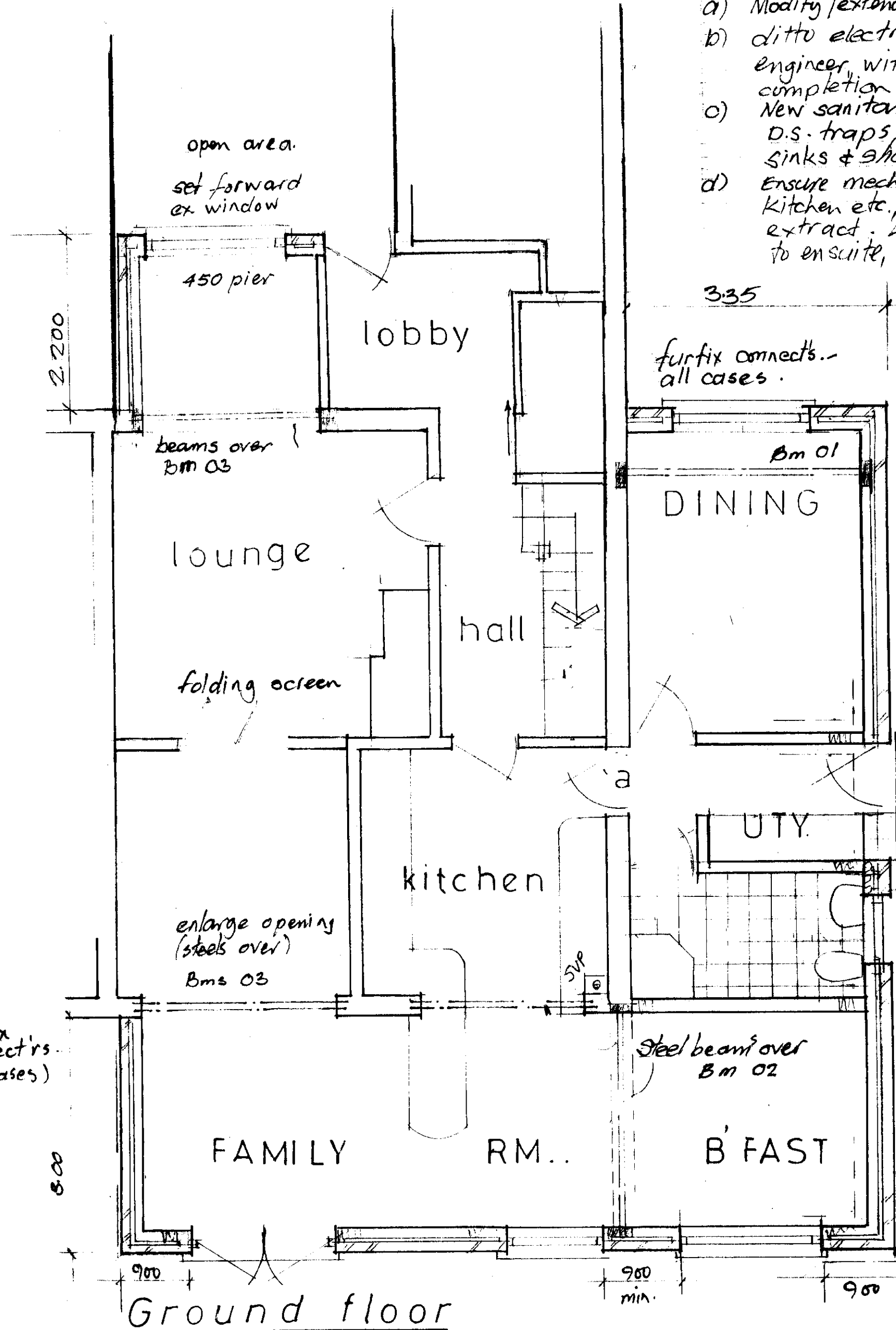
foundas as note '3'

Services.

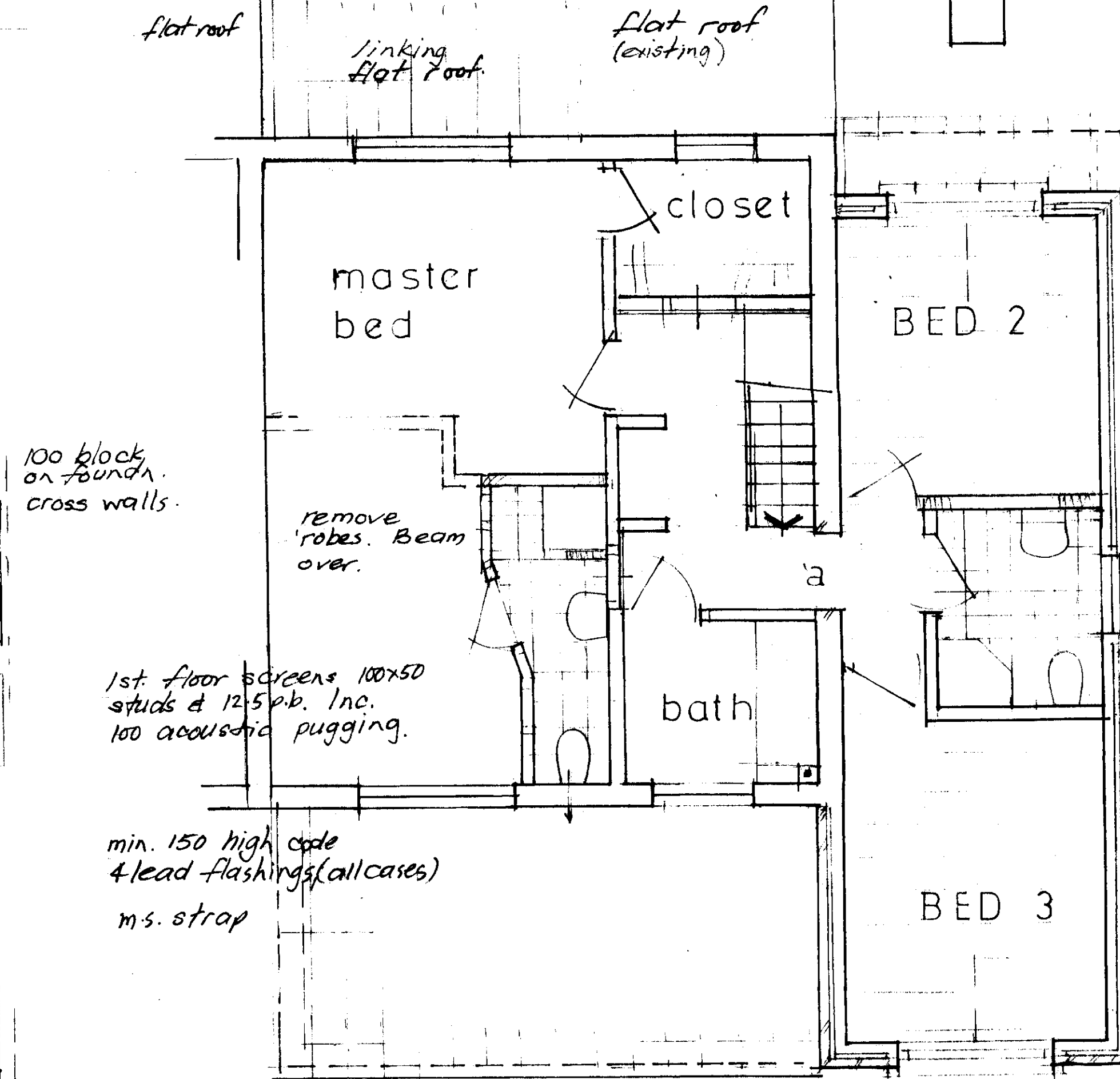
- a) Modify/extend heating as reqd.
- b) ditto electrics, all by compett. engineer with Certificate on completion.
- c) New sanitary fittings - 75 D.S. traps, 38Ø waste to sinks & showers, 32Ø to Lkbs.
- d) Ensure mech vent to baths kitchen etc. giving 60l/sec. extract. Light switch operatv to ensuite, 30 mins over run.

all new openings d-glazed use Low E glass. (frames & side lights toughened) Windows to give 1/20 floor area with 8000 mm<sup>2</sup> trickle vents.

1st floor BEDS to have opening light 0.33 m<sup>2</sup> as note.



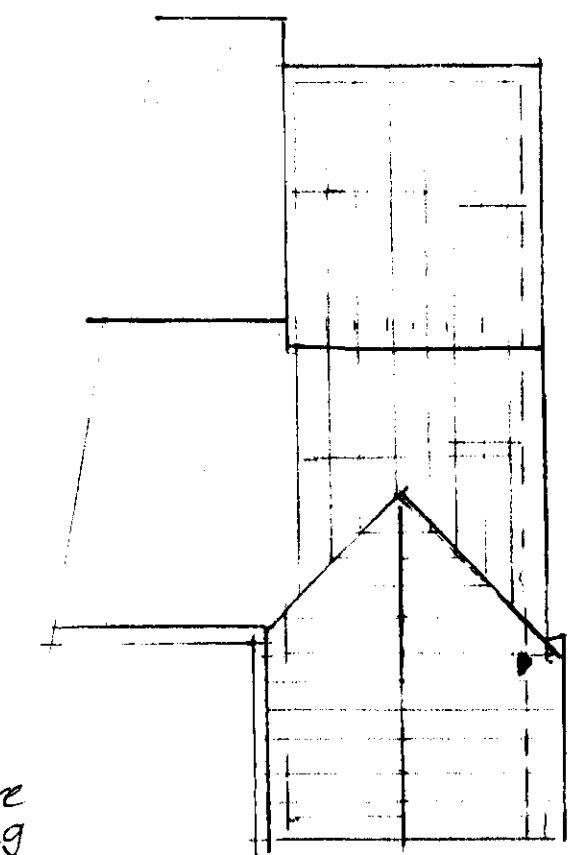
Ground floor



First floor

Lean-to roof.  
150x50 rafters @ 15° @ 400 c/s.  
" c. joists @ 400 c/s.

1st floor:  
x 175x50 joists min, @ 400 c/s.  
inc. 100 acoustic grade fibreglass pugging  
5x30 sec. galv. ms. straps, blocked & screwed.  
x Double-up joists for parallel screens



roof plan

200x30 Ridge, & valleys  
150x50 rafters @ 400 c/s  
200x50 purlins  
150x50 c/joists ditto.  
(code & lead valley lining)

outline Specification.

1. All work to L.A. approval, & current BSS or Cot P. where relevant.
2. Any drains beneath bldg. cased concrete, & with relieving lintels where underpassing walls etc.
3. Foundations 1:2:4 trench fill concrete, 450 wide by 900 thick, taken down to firm bearing, 1.200 min, or as noted.
4. Floor slab 65 c/s screed on 150 conc. on 100 jable jable turned up at outer edge on 1.200 polyd/p.m on blinded h'core (U=0.22 w/m<sup>2</sup>k)
5. Walls 102 face b/wk, 75 cavity with ditto Dritherm 32, & 150 Celcon solar block. Cathnic or eq. lintels, st. steel ties @ standard spacing & thermabate cavity closures (U=0.30 w/m<sup>2</sup>k)
6. Structural timber stress graded C 24, with any doubled members bolted M12 @ 600 c/s.
7. Any down stand steel bms. cased 12.5 fireline p.b. & skim.
8. Provide smoke alarm to hall & landing, interlinked & wired to elec. circuit, battery backup

AMENDMENT  
10 JUN 2009  
NO. 56-2009-772-FP

7/6/09 Linking flat roof to front extension (as garage) T&E req'd.  
Revision