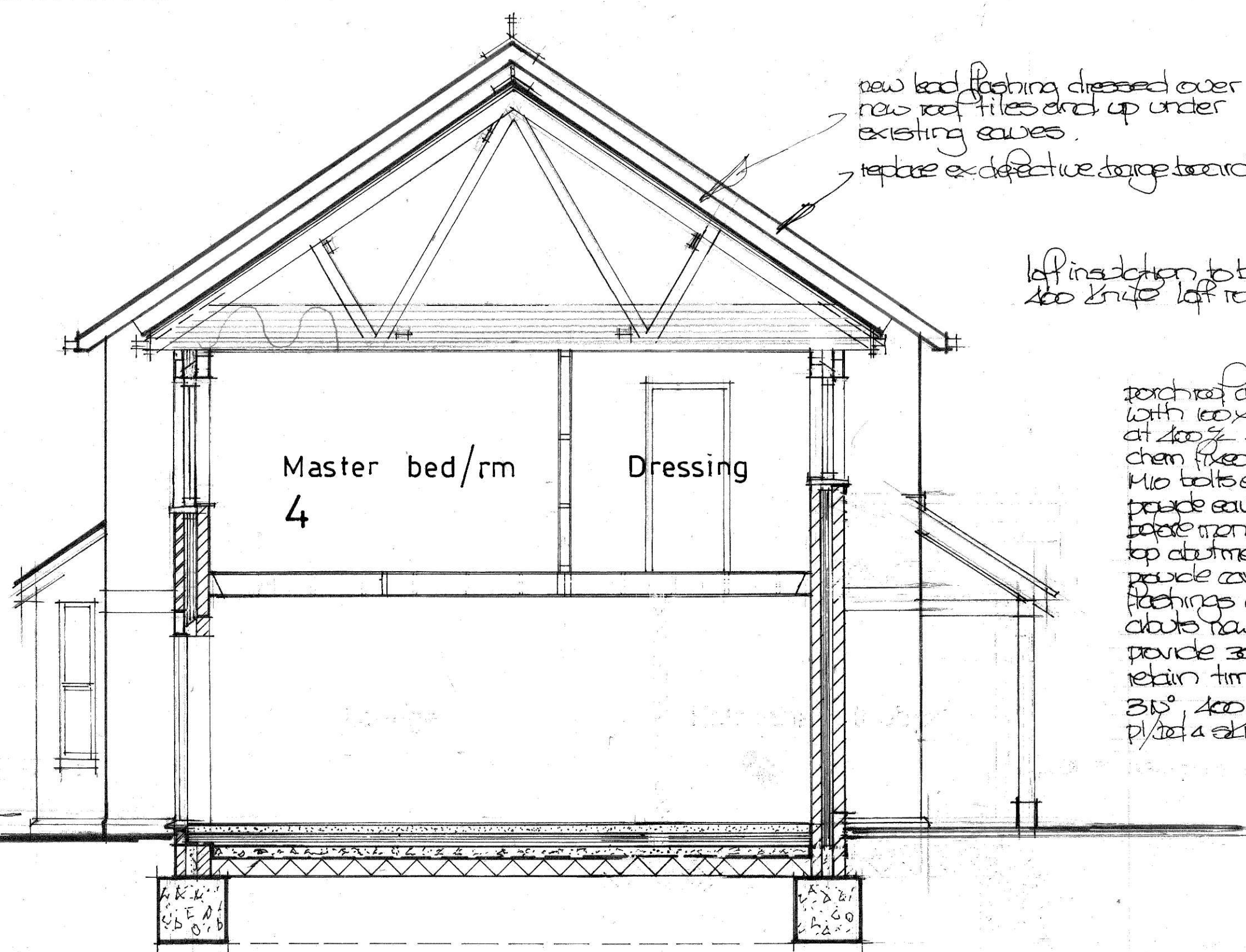
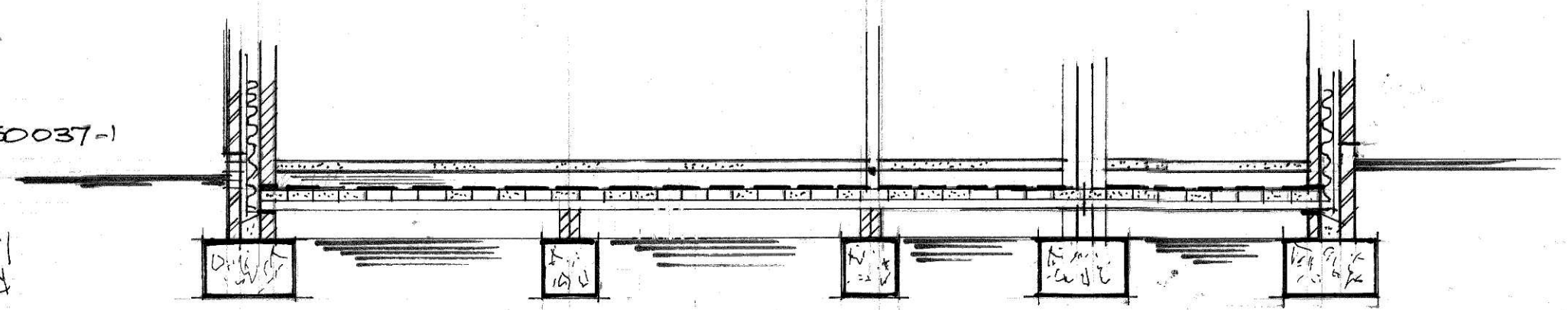
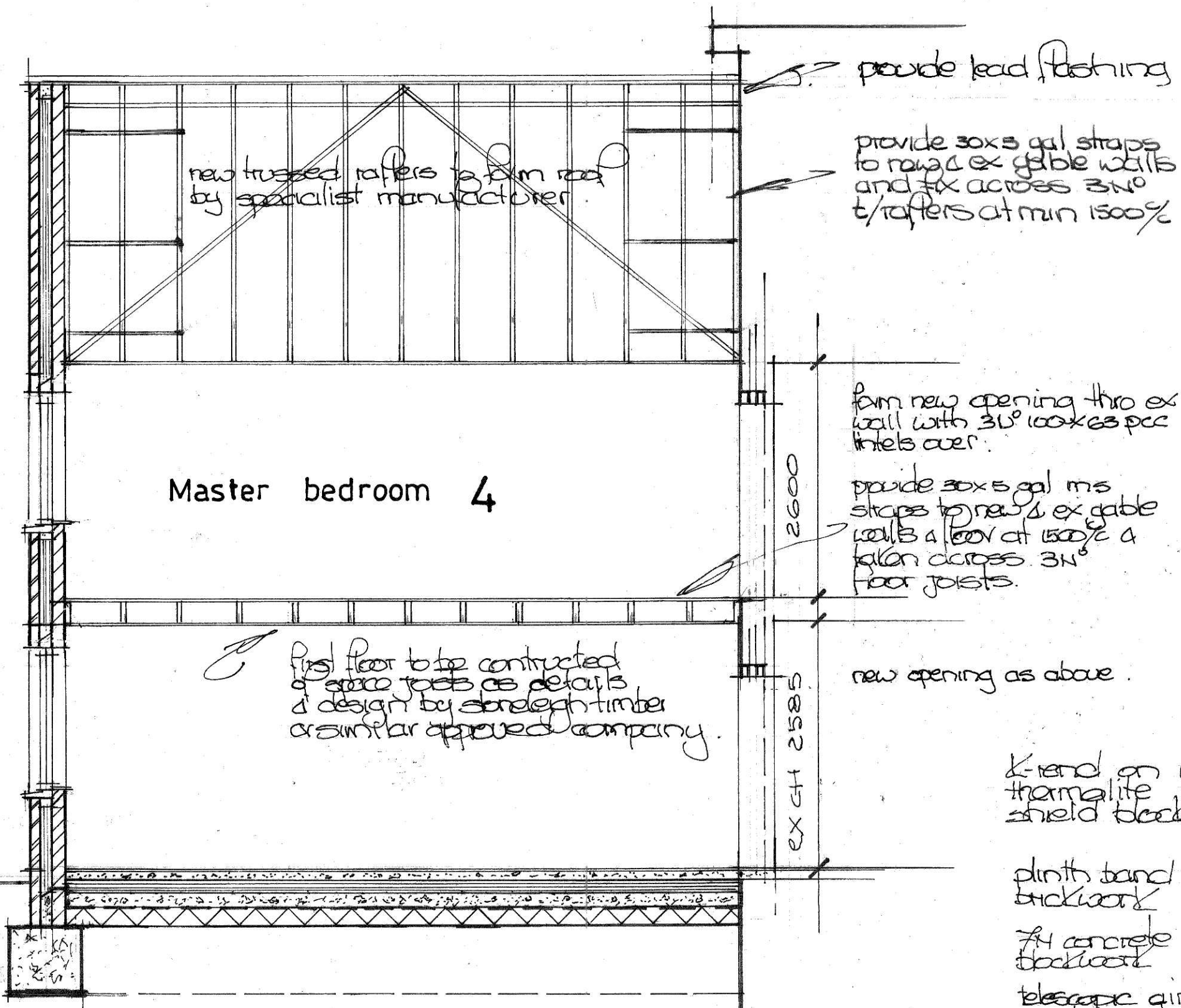


Beam & block ground floor detail
 by specialist contractors to BS 8115:2007-1
 0.05 m 1992-1-1
 155 high beams & 74 block infill
 min 200 void space with sub-soil
 treat with weed killer and covered
 with 500mm visqueen
 ventilation to void space to be
 provided by telescopic air vents
 500mm² per m² of floor area.

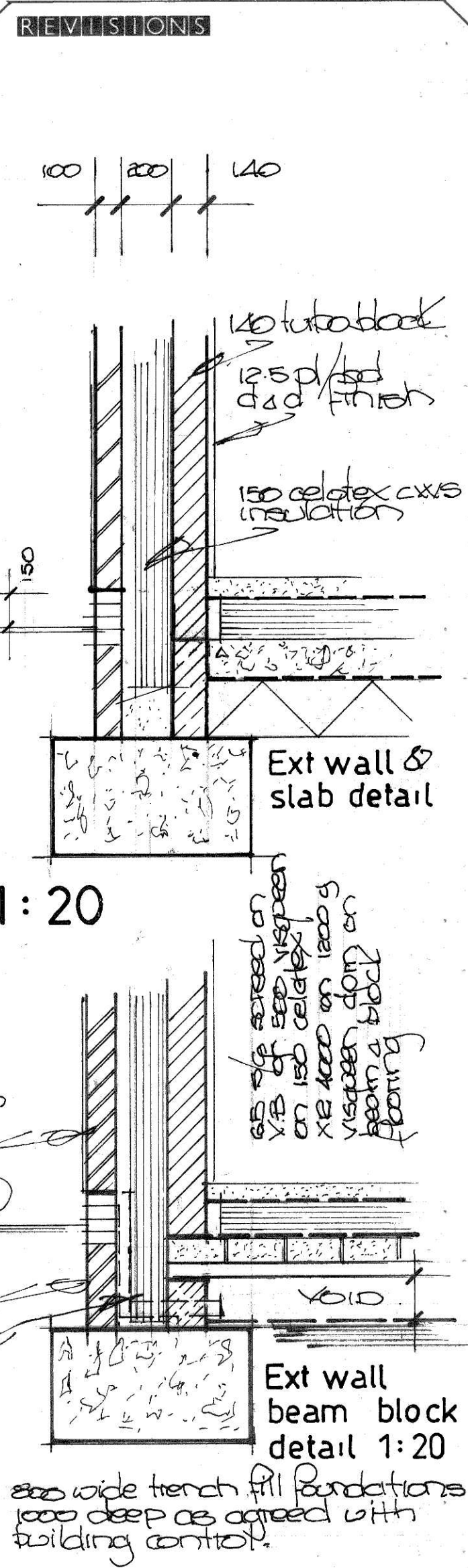
Alternative beam & block G.F. 1:50



Proposed section A ~ A 1:50



Proposed section B ~ B 1:50



flat brick plinth to match existing in height.

new lead flashing dressed over new roof tiles and up under existing eaves.
 replace defective barge boards

left insulation to be 400 knife left roll.

torch up as per main roof with 100x50 rafters & joists at 400% 100x50 pole plates chem fixed to brickwork with M10 bolts etc at max 450% provide eaves ventilation as above partitioned with masonry top abutment vent system, provide cavity trays & lead flashings where pitch roof abuts new old brickwork provide 30x5 galv ms straps to retain timberwork spread over 310 400 left roll & 125 block p/b's & skim ceiling.

provide lead flashing
 provide 30x5 galv straps to raise ex gable walls and fix across 310 t/rafters at min 1500%

form new opening thro ex wall with 310 courses per tie over.
 provide 30x5 galv ms straps to raise ex gable walls a level of 1500% & join across 310 floor joists.

new opening as above.

kind of thermalite shield back
 plinth band of brickwork
 74 concrete blockwork
 telescopic air vent to void space.

200 wide trench fill foundations 1000 deep as agreed with building control.

Roof

To be marley double roman tiles old english dark red on 50x25 treated rafters on fivek membrane on trussed rafters at 400% to be designed and supplied by specialist manufacturer and fixed to rafters guidelines. trusses fixed to 100x50 wall plate using shankhead trees clips. wall plate to be fixed to inner block work with M10 chem fixed bolts and also 30x5 galv straps at 1500% join 1.0mt door width & securely fixed to face.
 provide roof space ventilation with continuous 25mm eaves vent strip, 1250 manthrape roll panel vents over insulation & left support trays and eaves combie tiles provide continuous 5mm ventilation at ridge position using manthrape ultra dry ridge system.
 roof insulation to be 400 thick knife left roll.
 ceiling to be 12.5 foil backed p/b's & skim

Walls

externally to be 2 kind york cream or similar on thermalite shield 100 thick, 50 cavity, 150 celplex cavity wall slab fixed to inner skin of 140 thermalite turbo blocks to give u-value 0.16 w/m² K. cavity walling to have ss wall ties at 400% horz & 450 vertically hybrid dpc to outer skin, 150 above g/l hybrid dpc to inner skin to be sealed to dpm, cavities to be closed against 200 wide xec rigid thermabrite closers, to reveals, heads etc.

Floors

first floor to be 22mm oaker board on 200th space joists at 600% as designed and manufactured by specialist and installed to max recommendations and doubled up under internal partitions

provide 150 earthwood between floor joists ground floor to be 65 s/c screed on green tint vapour check on 150 celotex x4/400 on 150 gen 2 concrete slab on 200 visqueen dpm on smooth sand blinding on 200 well consolidated scalpinas, provide 25 insulation to all slab edges dpc's in new & existing structure to be sealed to new dpm, slab to be thickened to 200 under internal partition as shown.

Internal Walls

ground floor spine wall to be 74 blockwork 100 wide on 200 thickened slab 1st floor partitions to be 89x38 c/s @ 100% covered both sides 12.5 p/b's & t/g finish, infilled with 75 earthwool.

Lintels

Lintel over sliding doors to be castic ex 150/125 extra heavy duty
 Lintels over new windows to be castic ex 150/125 with carbene done reconstructed 215x100 b fence.

Drainage

connect new 1st floor bathroom shower and basin to new 110 pvc above ground drainage system with 38 pvc pipework both with deep seal traps, connect wc also to 110 vent downpipe which is to be fitted with check valve, down pipe to be surrounded with 100 earthwool and piled on 20 framing all full height and between floors
 new underground drainage runs to be 110 Ø repps/veer or similar, new mins to be determined, surround in pea gravel
 lintel over where they pass through ext walls.

Windows/doors

new windows to be white pvc sliding sash to match ex with trickle vents and u-value of 1.40 w/m² K.

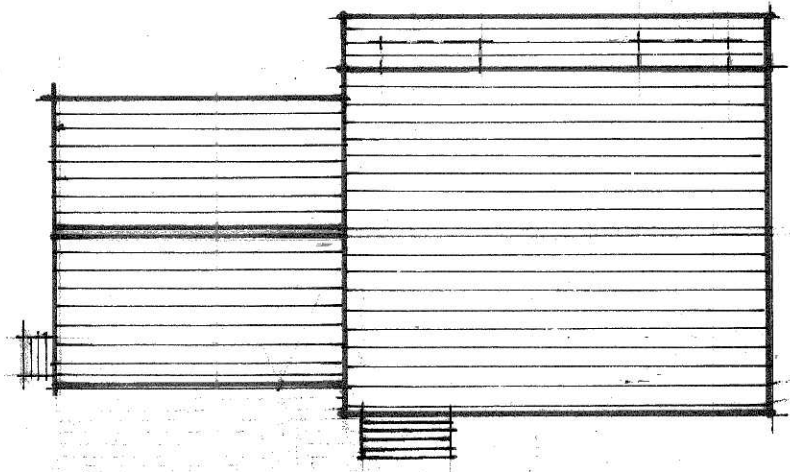
Electrical

All new lighting to be low energy led downlights as electrical layout & design. installation to be carried out to latest IEE regulations with certification issued on completion
 Provide vent axia fans to new bathrooms to external air min 20 L/s and undercut doors by 20mm, fans to have 20min over run.
 provide mains operated with battery back up smoke detectors/alarms to hallway & head of staircase, head detectors to kitchen.

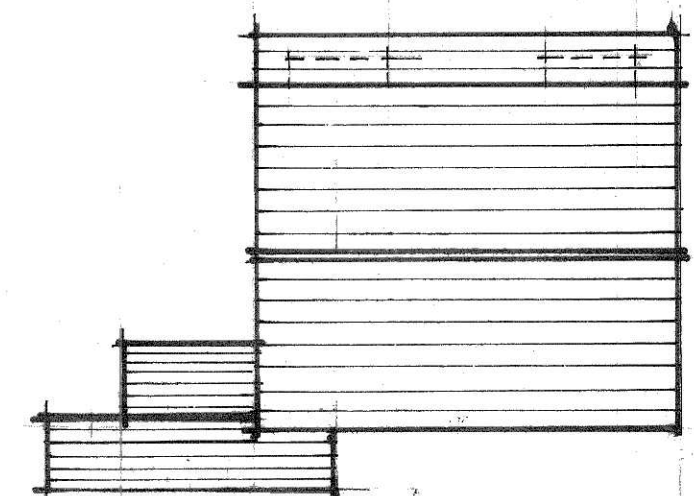
Heating

existing hot water/heating system to be extended into new areas with thermostatic valves to all radiators.

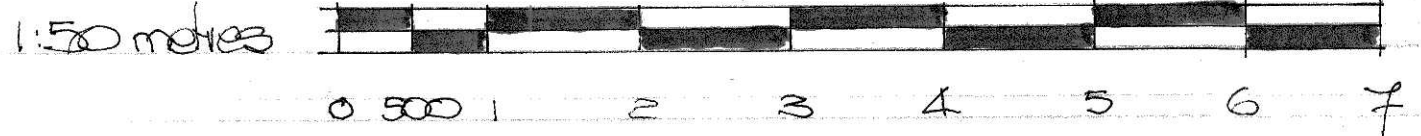
front garden



Proposed roof plan 1:200



Existing roof plan 1:200



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PROJECT
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 Shapwick Rd, Westhay,
 Glastonbury, BA6 9TT.

TITLE
 Sections roof plan

DESIGNER JPF
DRAWN BY JPF
SCALE AS SHOWN @ A1.
DATE 11/23
DRWG NO SF/02 A
NOTES