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ROUND FLOOR: 25 pig boarding on 170 x 47 joists in Class SC3 member at 450 centres built in both ends; 30 x 3mm galvanised ms lateral timber at 450 centres nailed across first three joists fixed to blockwork at max 100mm centres; herringbone struts to joists at mid span; floor joists doubled under stud headers; 100 overste concrete at or above adjacent floor level with min 150 clearance to underside of floor joists; 225 x 150 bricks at 450 centres starting 450 from corner; joists boxed through cavity with 250 dpce over

VENTILATION New windows to be 16mm double glazed PVCu units with low E coating and opening area minimum 5% floor area of room served; windows to have "trickle" ventilation 8000 sqmm to habitable rooms and 4000 sqmm to others. Window frames shall be BBA HAPAS approve with safety glazing to BS6206 to all french windows including

FIRE DETECTORS: fitted in locations shown in accordance with BS 5839; smoke detectors to be wired to mains electricity with separate fuse

WALLS 112.5 thick external leaf in brickwork to match existing house; 5 cavity and 100 "Thermalite" insulation block inner leaf with cavity filled with fibreglass insulation to give a minimum U value of 0.35; external plaster finish to habitable rooms; cavity walls to have wall ties 90

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stud partition walls in 75 x 50 timber with 10mm plasterboard and 5mm plaster skim finish both sides

DRAINAGE The bathroom to discharge to new 100 dia syp; 75 deep seal traps to all appliances, 22 waste to handbasin, 38 waste to bath and 10 waste to wc; no waste connected to syp. within 200 of the connection; 10 dia gutters to discharge to existing gutters at rear and to existing drainage connection serving rainwater gully at front; 100 dia syp to terminate in ballroom grating with slow radius rear door to drain connection; connection to ballroom grating with slow radius rear door to drain connection; connection to drain using 100 diameter clayware pipes with patent push fit flexible joints laid to a minimum gradient of 1 in 40; any drains passing under extension protected by taking foundations below level of pipes and constructing wall above with concrete lined. New Inspection Chamber to be connected at connection to existing drain.

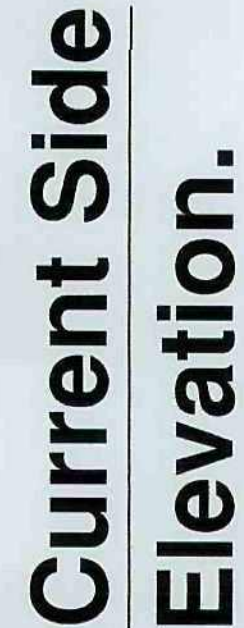
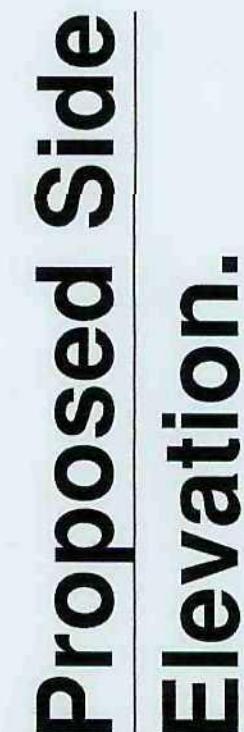
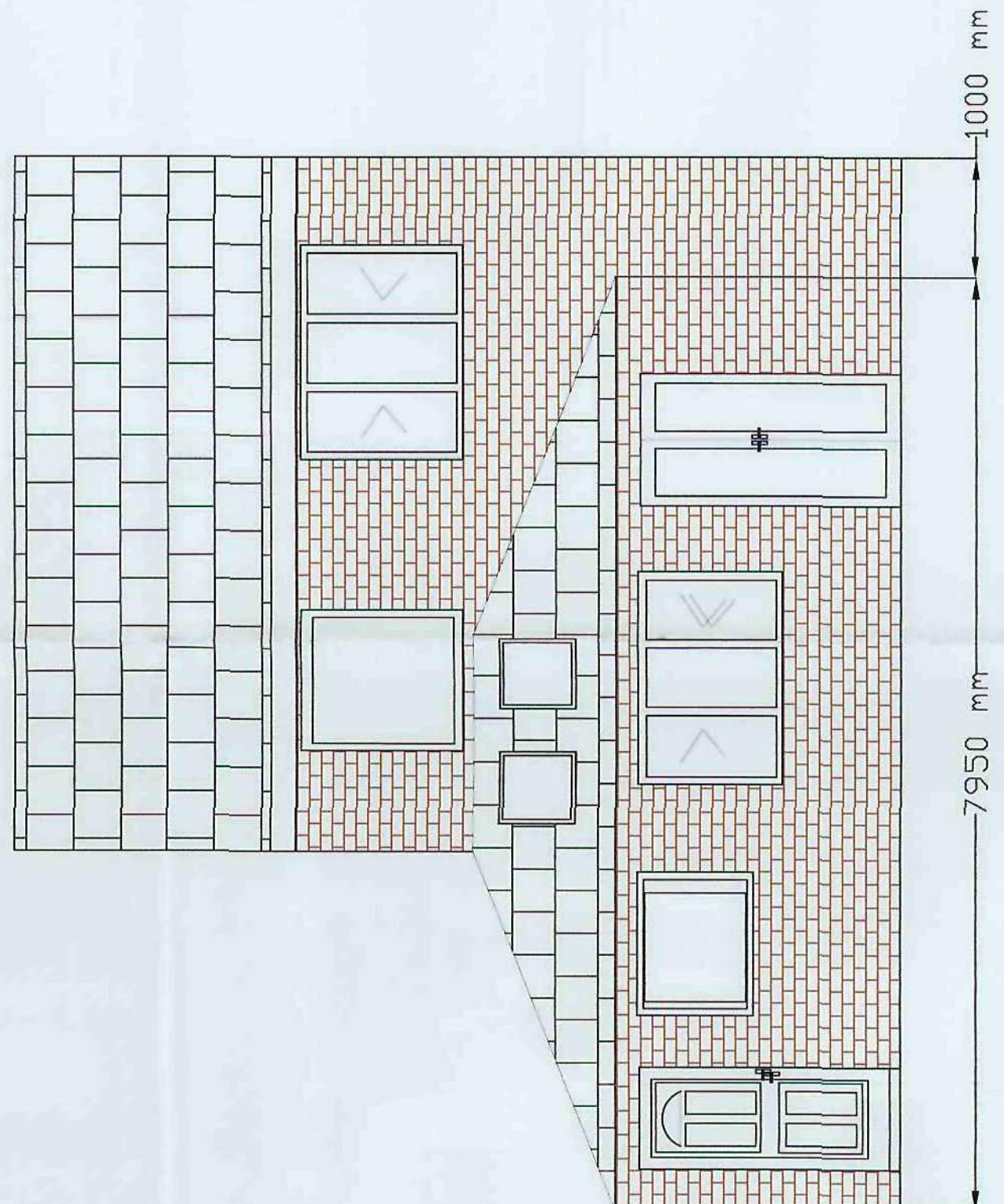
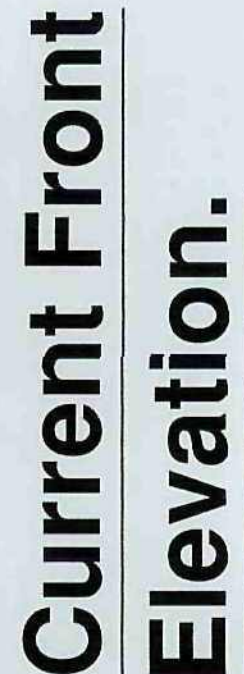
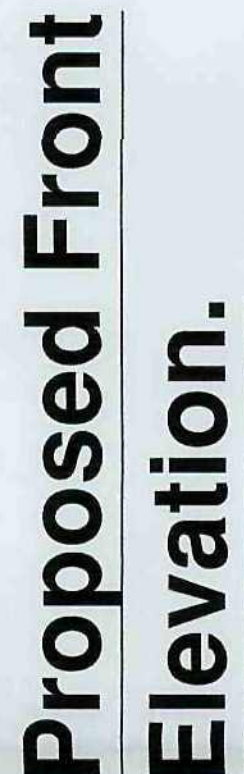
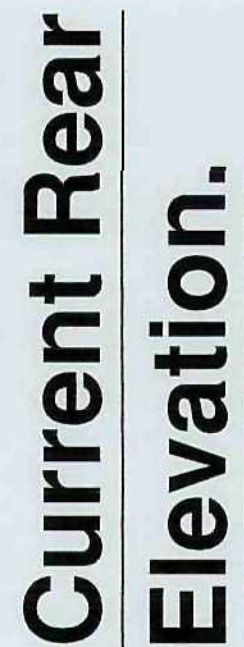
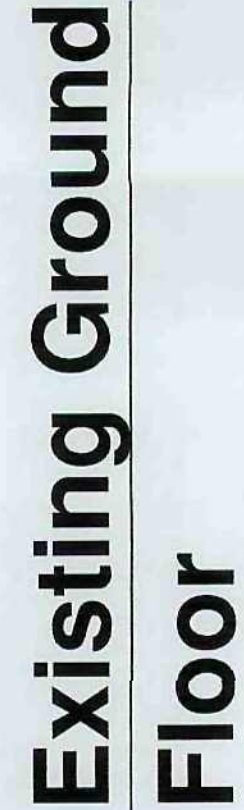
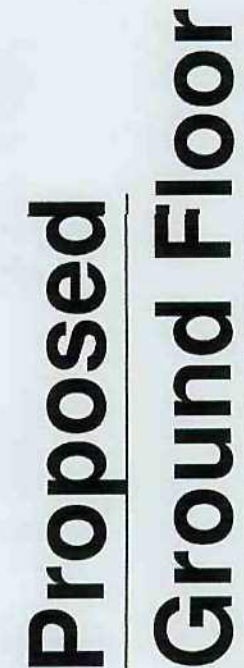
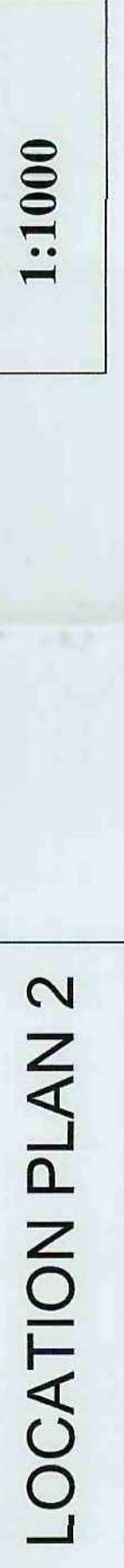
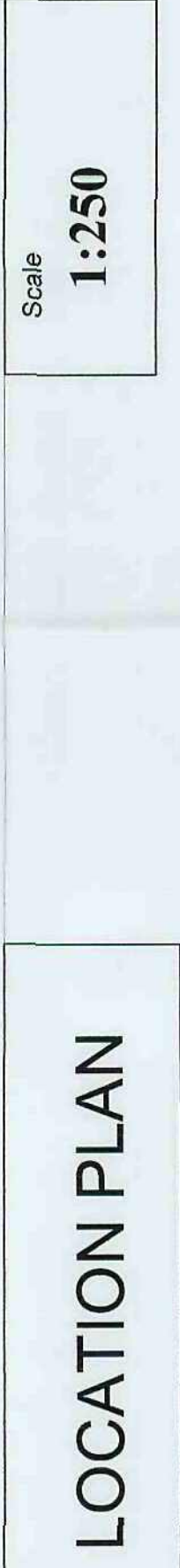
Central heating and domestic plumbing insulated in accordance with requirements of Building Regulations.

protection of Existing Drainage The existing drain pipeline to be protected at all times, to prevent damage occurring during and after the construction works. No heavy materials will be stored over the existing pipeline.

where the pipeline passes through the foundation wall, the wall will adequately span the pipeline.

New Manhole

New Manhole

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Foundation and internals.