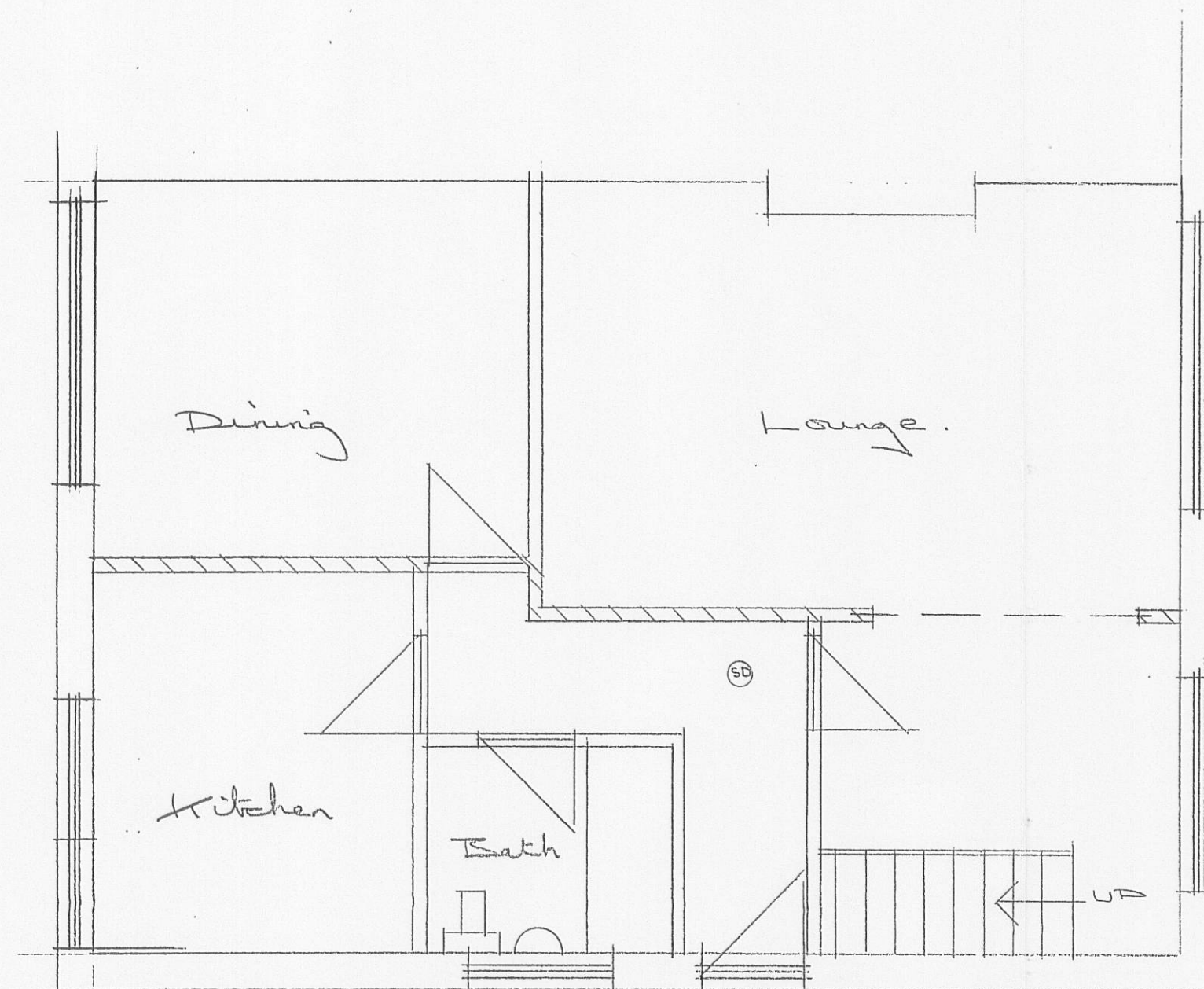
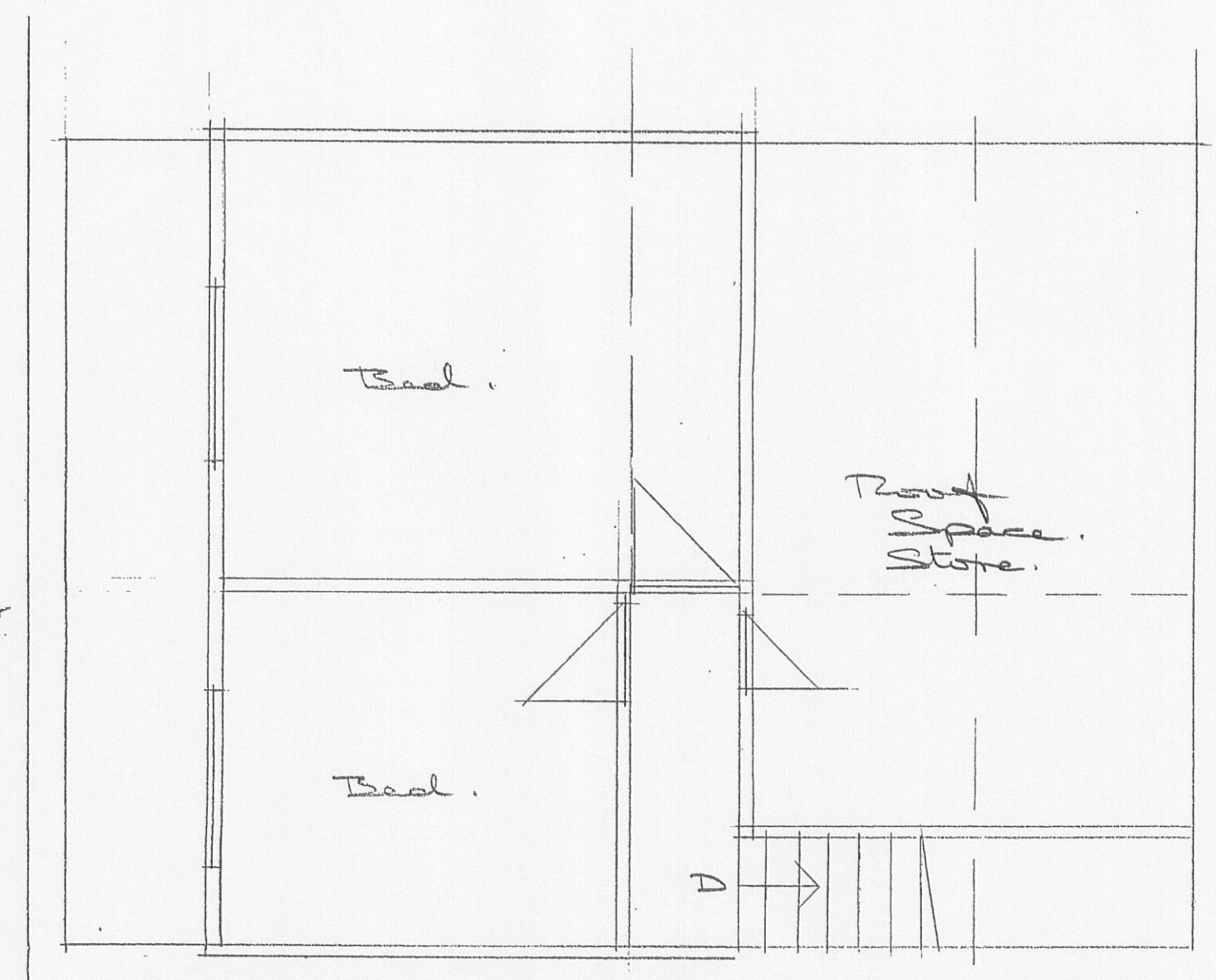


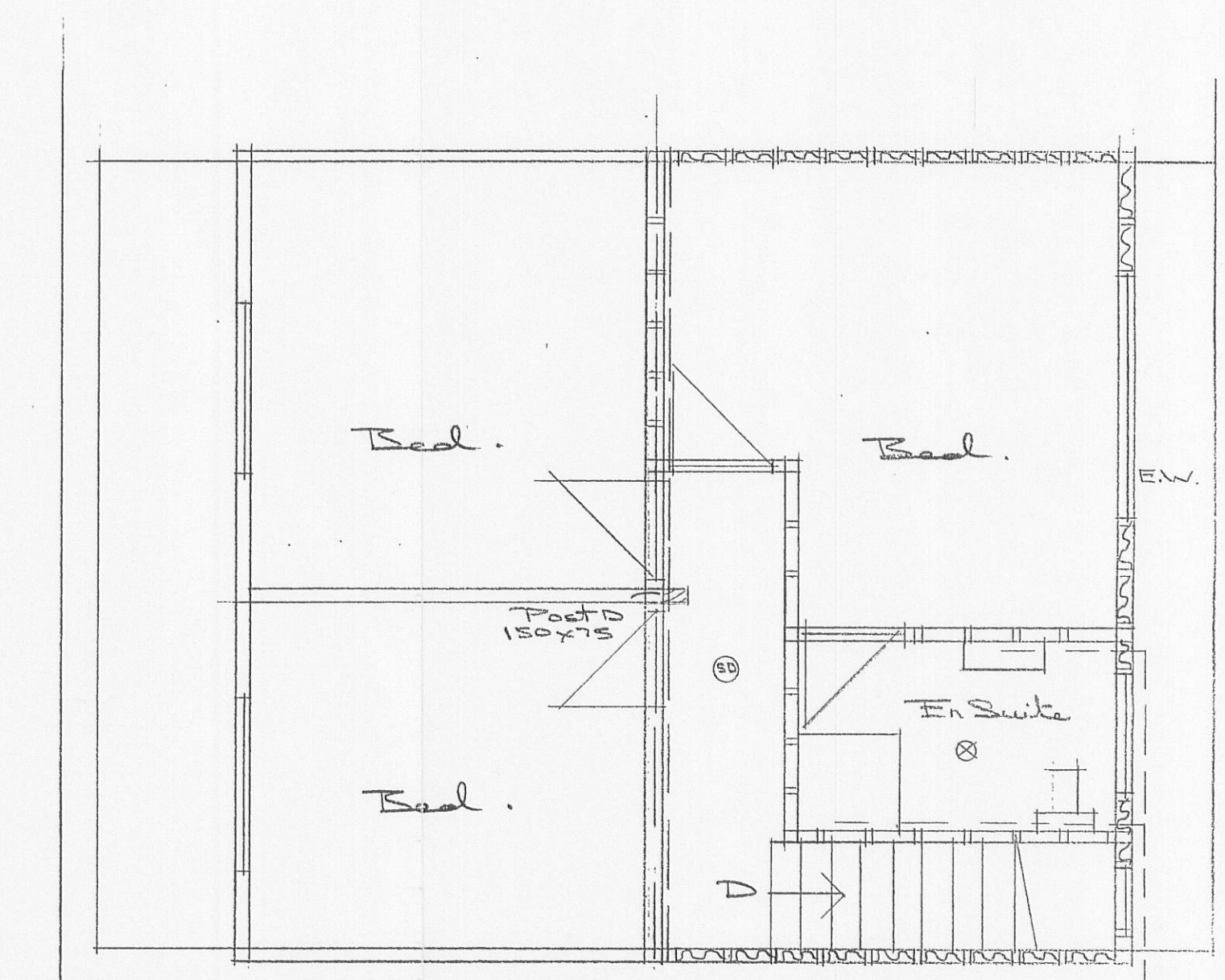


GROUND FLOOR PLAN

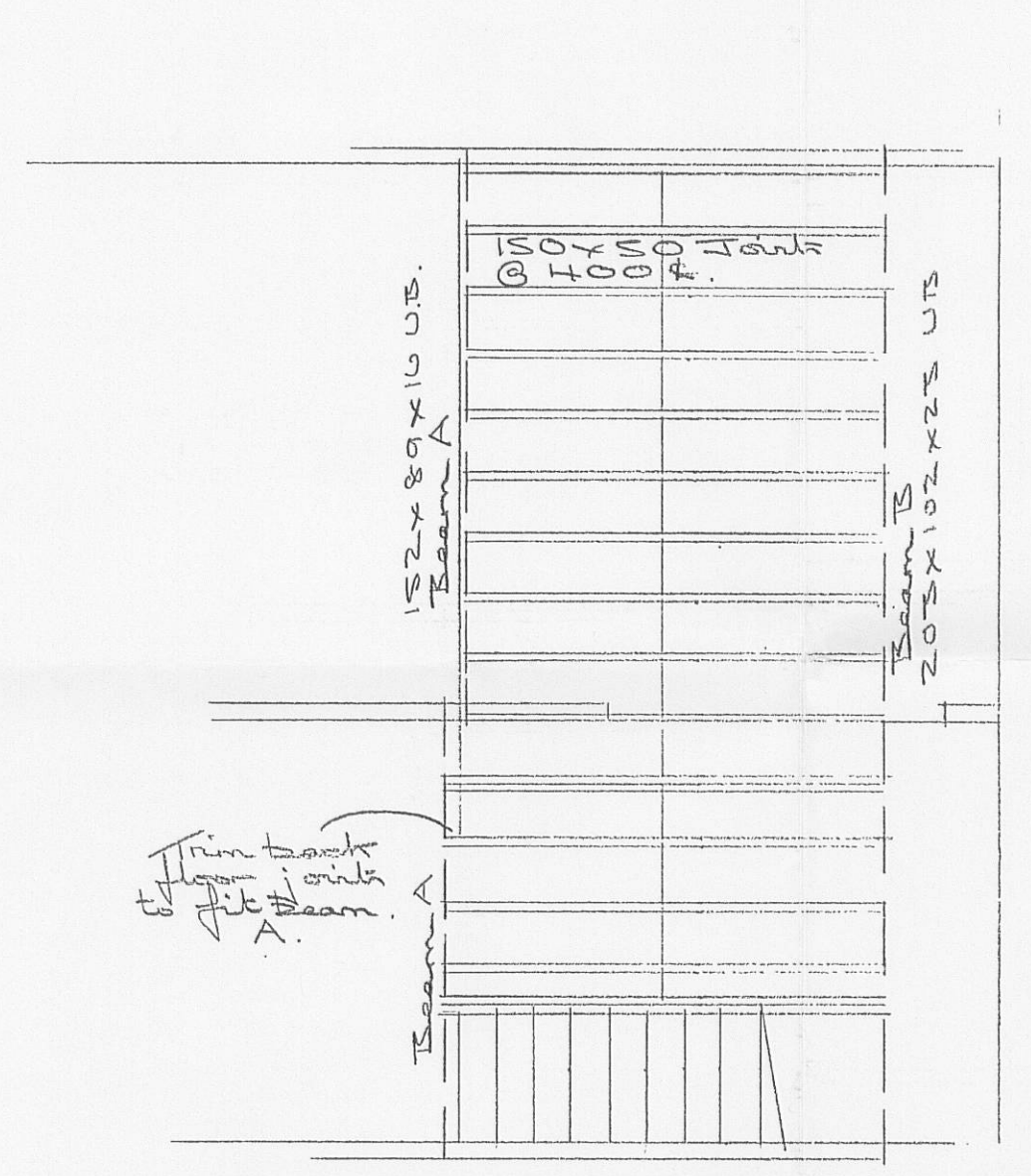
Beam E
Check existing beam
for load from upper
beam 152x182x1600mm
if not satisfactory
to new beam in
floor depth.



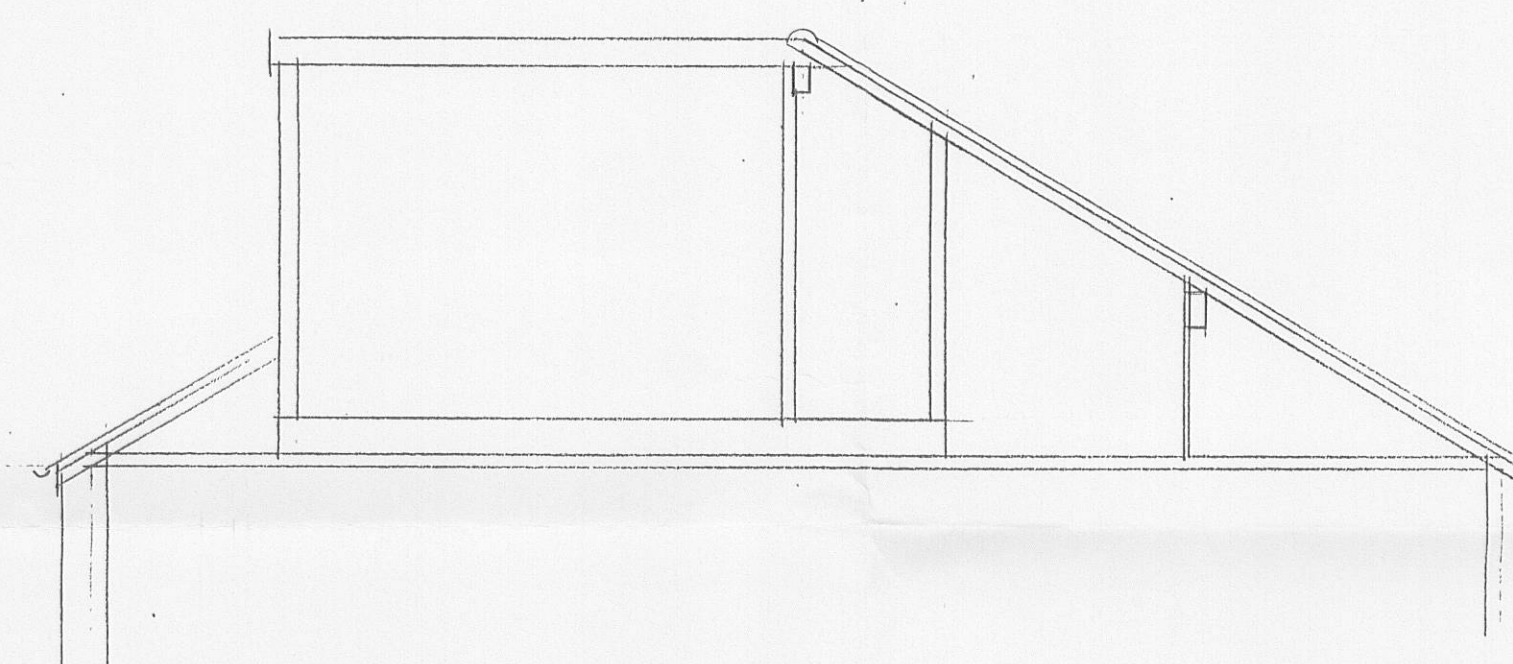
EXISTING FIRST FLOOR PLAN



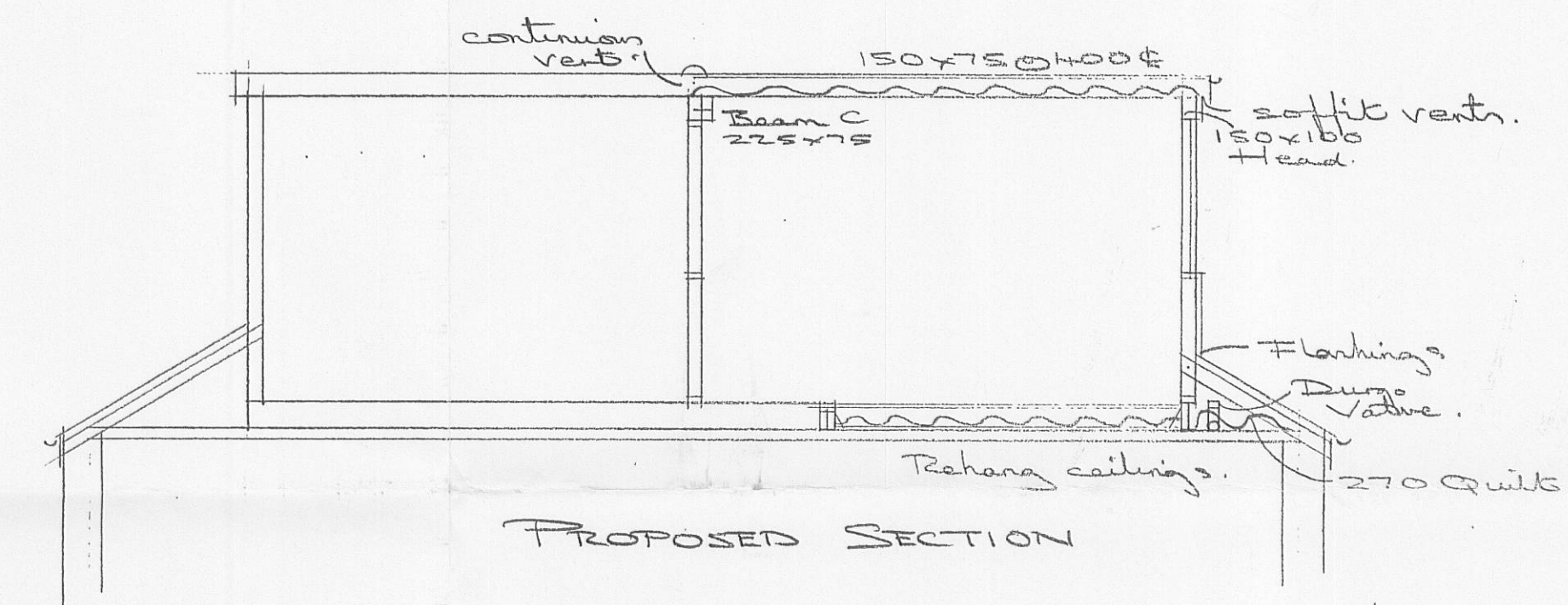
PROPOSED FIRST FLOOR PLAN



FLOOR JOIST & BEAM LAYOUT



EXISTING SECTION



PROPOSED SECTION

Ⓢ Denotes Mains Operated Smoke Detectors with Battery backup linked together.

Ⓧ Denotes Mechanical Extractor Fan 15L per sec to external air.

Stud partition in 100x50 studs @ 400mm infill with 100mm Rockwool 12mm Plasterboard & skin both sides.

Dormer formed in 100x50 studs @ 400mm, 100mm infill with Kingspan, external clad in 12mm exterior ply, breathable felt, battens & vertical tile hanging to match. Vapour barrier internal & 12mm plasterboard & skin.

New W/C connect to existing S.V.P 100mm, 38mm waste to shower, 32mm waste to basin both with 75mm deep seal traps. Fit Durgal Valve in roof space.

Windows to be in U.P.V.C. double glazed in low E glass 20 openers, 8000 trickle vents E.W. denotes escape opener min 750x500.

Floor. 150x50 joists @ 400mm hung off joists from new beam A & B. 22mm T&G boarding infill with 100mm Rockwool, existing 12mm plasterboard ceiling left in position. Herringbone strutting at mid span.

Flat Roof. Fix new 225x75 beam along side existing beam, bolted together, support old prop in partition wall 150x75 bolted to beam & push below.

Roof joists 150x75 @ 400mm, finish to give full 18mm exterior ply deck with 5 layers built up felt, 12mm spar chippings all bedded in hot bitumen. 75mm Kingspan between joists, Tri Iso Super 10 below counter Battar + 12mm Plasterboard & skin.

320110078P



PROPOSED FRONT DORMER
28 PASTURLANDS DRIVE
BILLINGTON