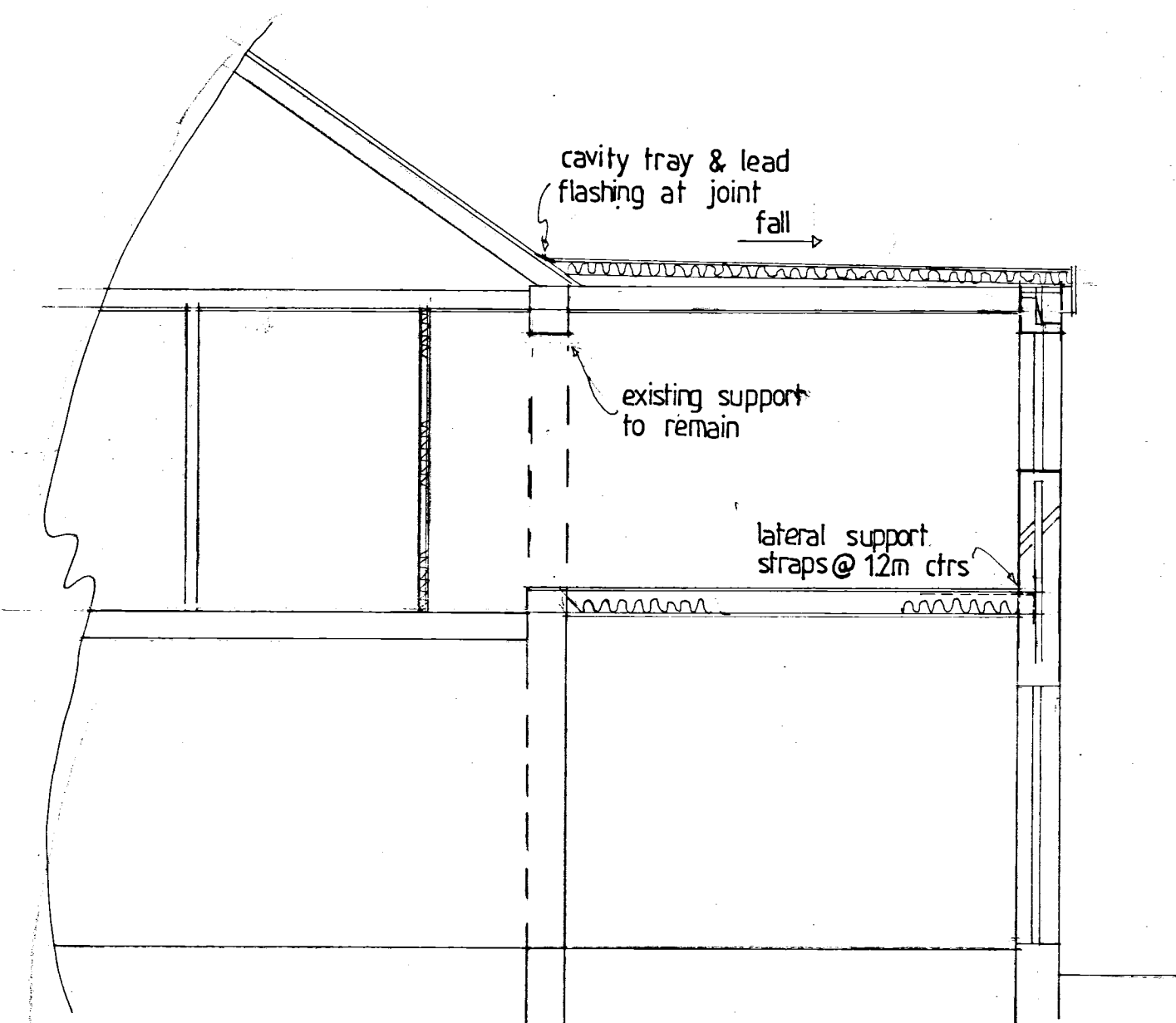
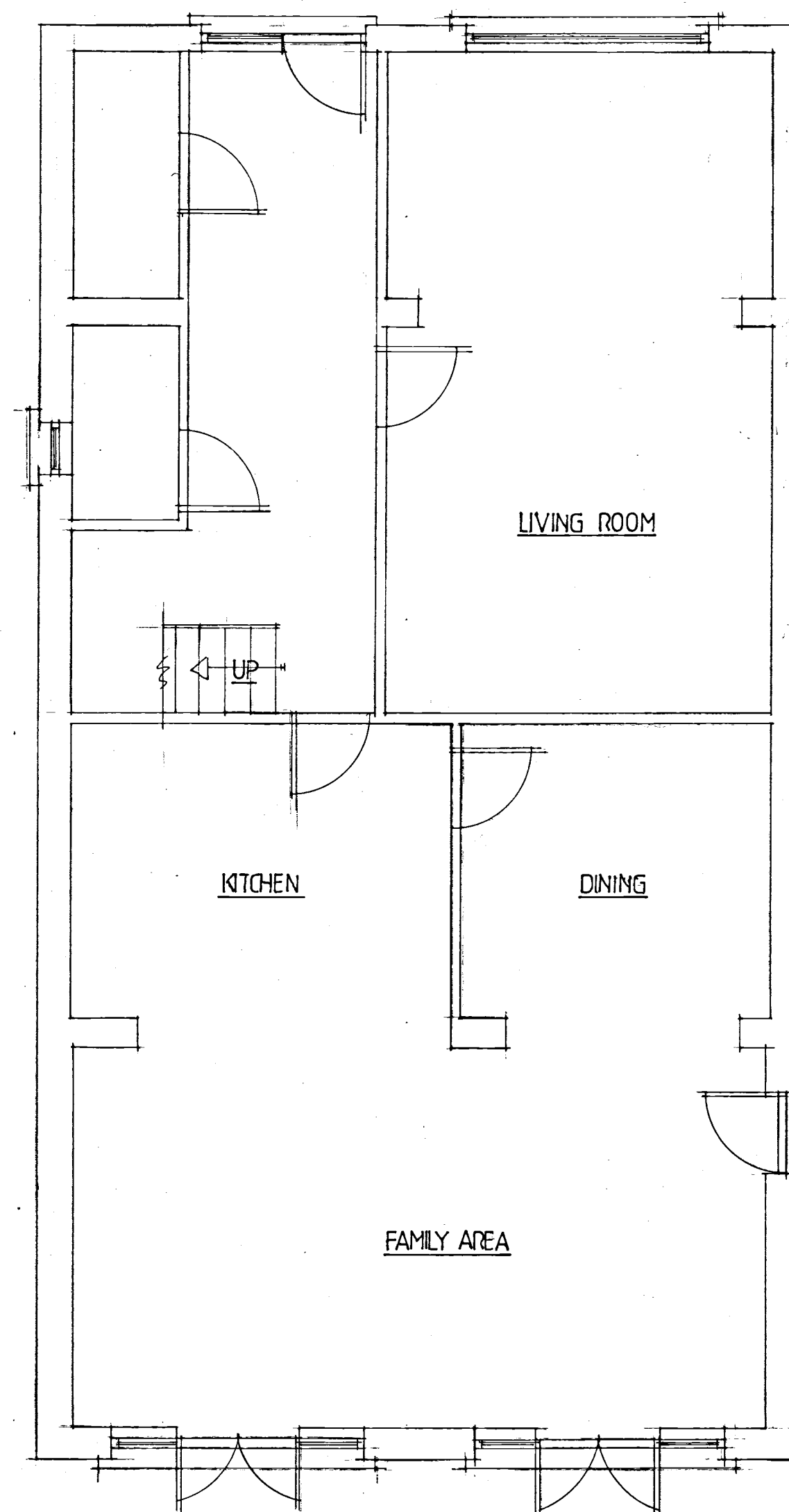
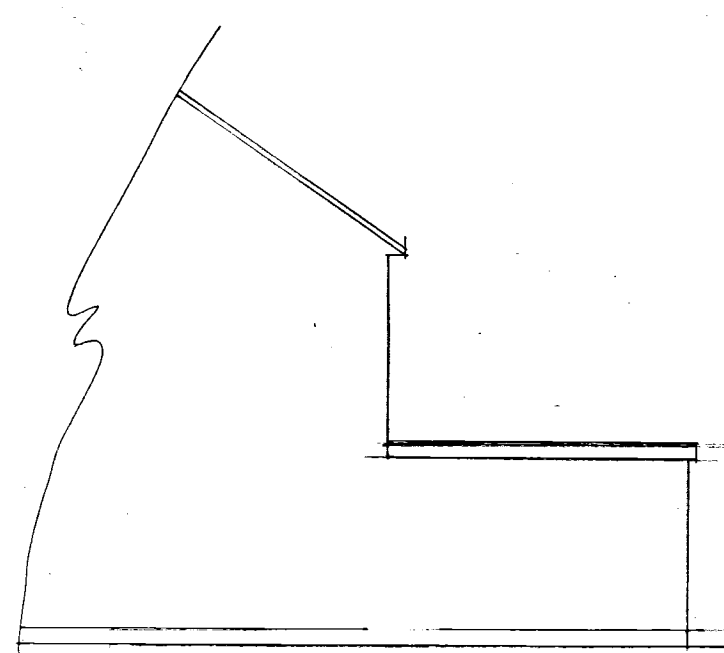




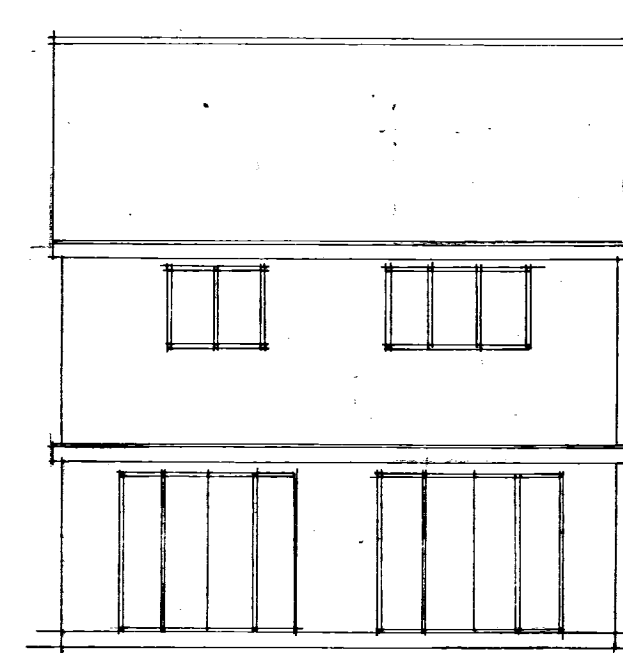
section a.a



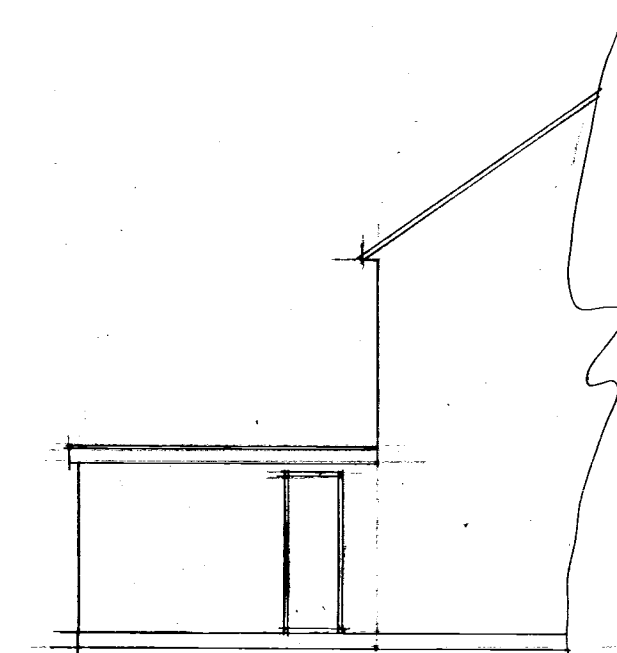
existing ground floor



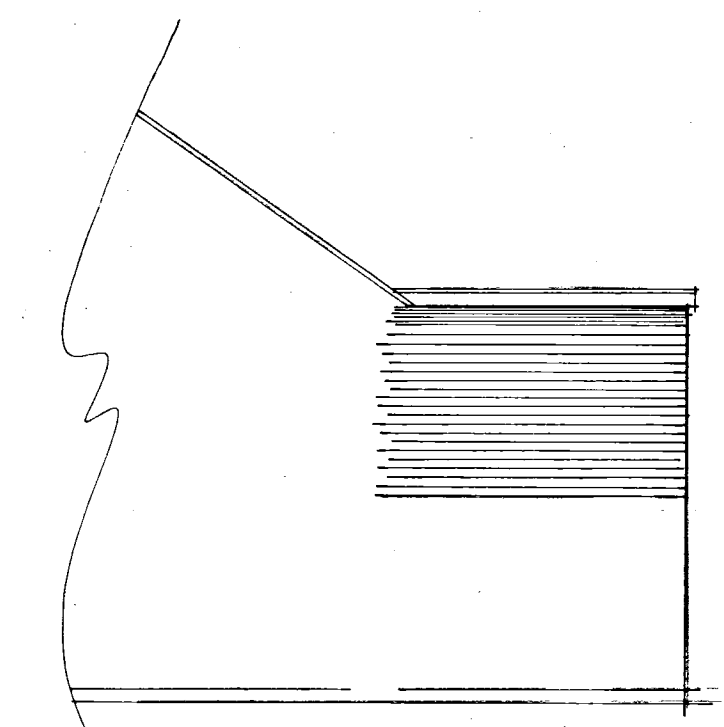
existing side



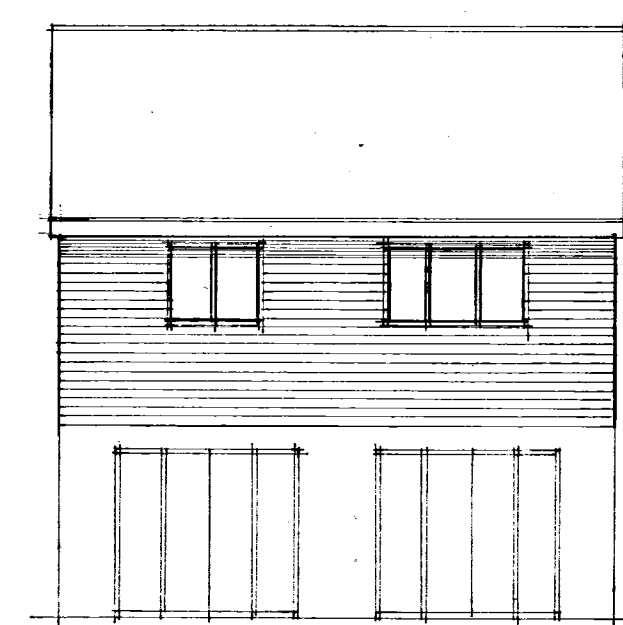
existing rear



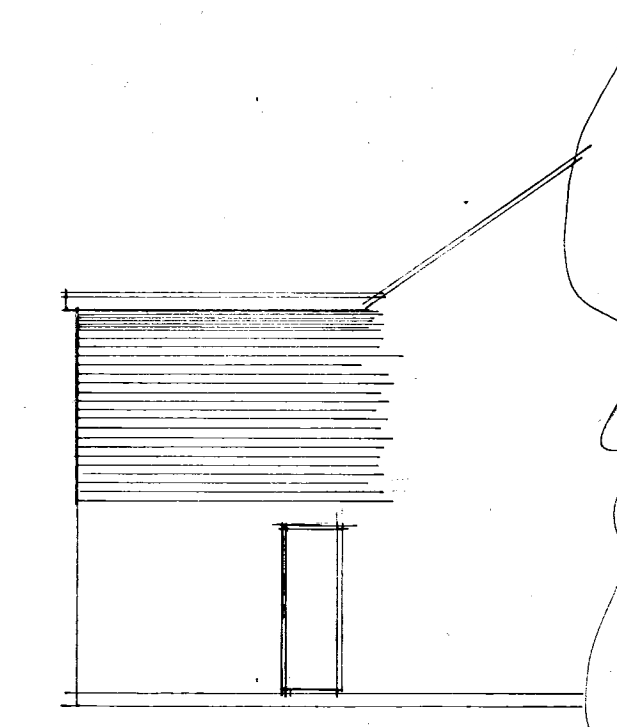
existing side



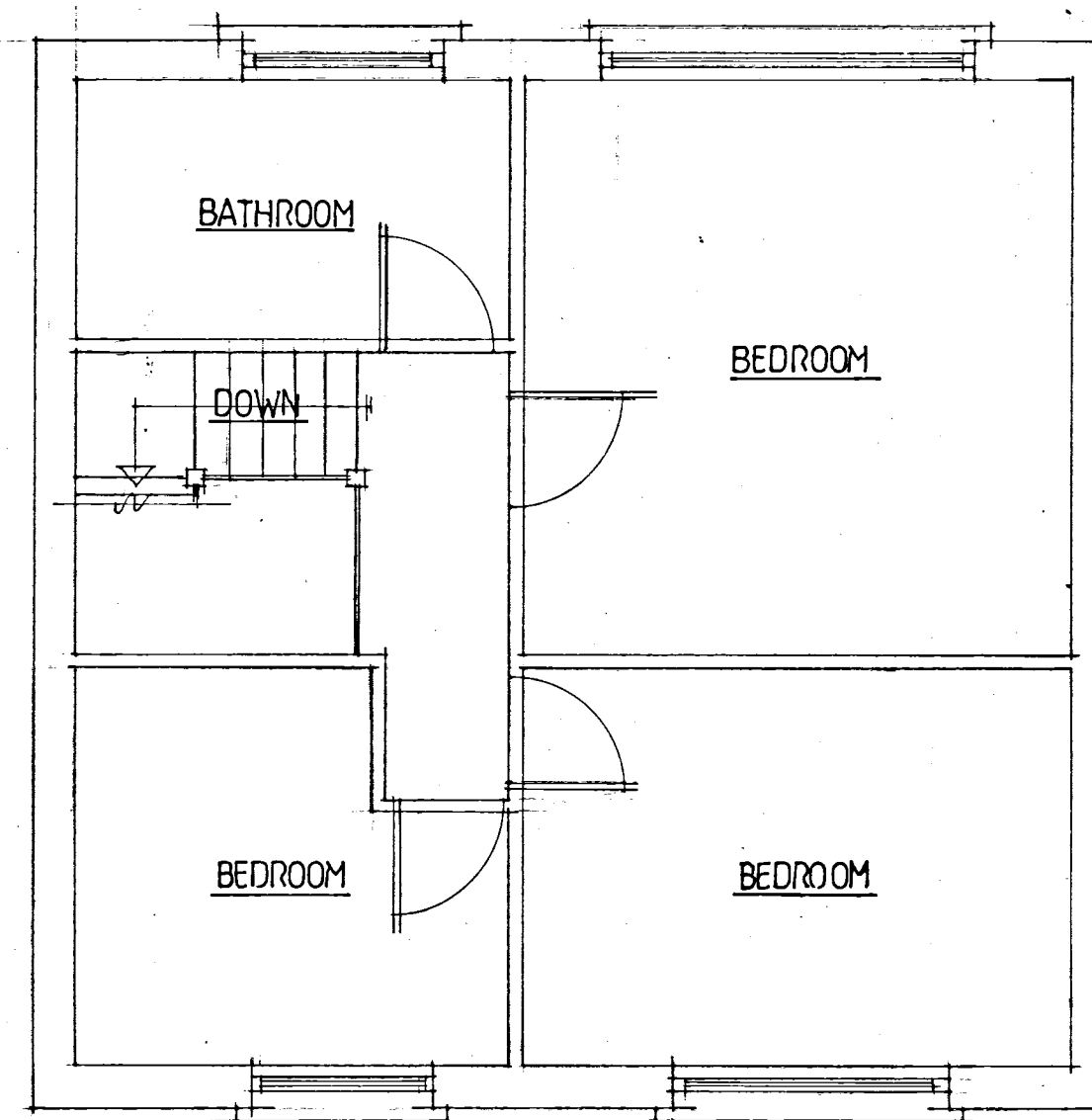
proposed side



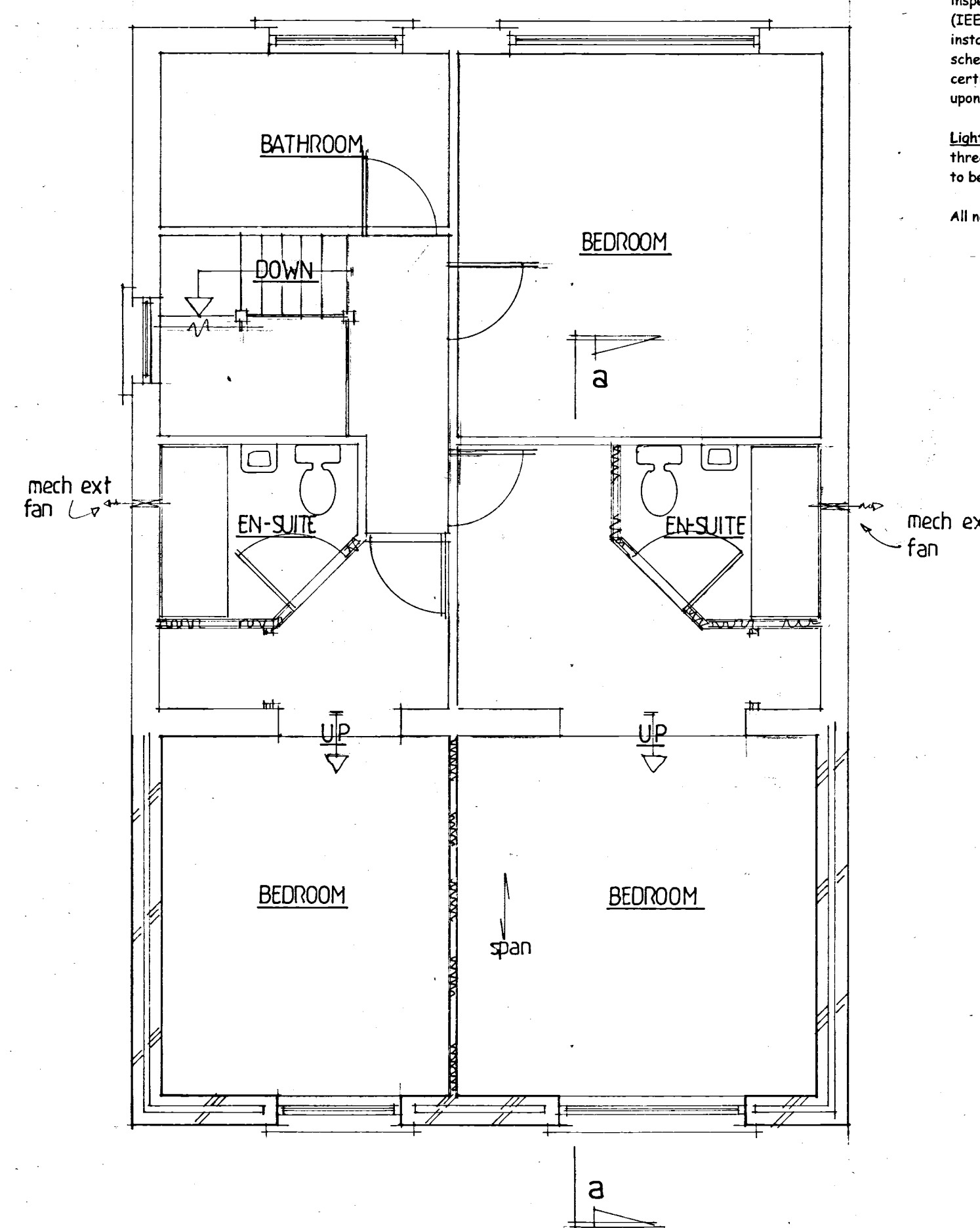
proposed rear



proposed side



existing first floor



proposed first floor

Opening window areas to be minimum 1/20th of enclosed floor areas. All new windows to be fitted with minimum 8000sqmm trickle vents per room. Maximum area of double glazed window not to exceed 20% of floor areas

New windows: new double glazed windows to have minimum U value of 1.6w/m²k. Doors to have a min U value of 1.80w/m²k. Toughened glass in glazed doors and windows in critical locations, i.e. alongside doors. Seal around window-wall joint with mastic sealant. Double rafters as roof light trimmers if applicable.

Fit mechanical extract fans to any new wc and bathroom areas rated at min 15lit/sec

Inner partition: 12.5mm plasterboard each side of minimum 75 x 50mm studwork. Fit 25mm sound insulation quilt between held in place with battens.

External walls 112mm facing bricks to match existing as closely as possible. 100mm 'rockwool' batts filled cavity on 100mm lightweight concrete block (Celcon Solar, Thermalite Turbo, or similar rated) inner skin with render and set finish. (overall cavity 90mm) Insulated catnic lintols over new openings. Close cavities at eaves with non-combustible material. Tooth into existing walls and maintain all cavities. Wall ties to be at 750mm ctrs horizontally and 450mm ctrs vertically and staggered. 'Catnic' or similar vertical cavity thermal closers at openings. External perimeter of door and window openings to be sealed with a suitable airtight sealant.

Flat roof: 13mm spar chippings on 3 layer high performance torch on felt to BS747 cp144 part 3 1977 on Celotex TD4126 insulated roof decking on firings on 50 mm x 175 mm roof joists at 200 mm centres. 12.5mm fall back plaster board ceiling. Strap down new roof with 1000 x 32mm galvanised mild steel straps at 1200mm centres. Ensure that wall insulation is taken up to meet underside of Celotex to ensure warm roof construction.

First floor: 19mm floor grade moisture resistant T&G chipboard on 50 x 175 mm floor joists at 400 mm centres. 100m x 32mm galvanised mild steel straps at 1.2m centres around perimeter as lateral support. Fit 100mm mineral wool batts as sound insulation between.

Rain water goods: run new 100mm diam pvc rain water guttering and 70mm diam downpipes to existing drainage system.

Plumbing all to BS EN 2056 plus approved doc H 38mm diam. wastes from sink, bath and shower. 32mm diam. Waste from wash hand basins, all with rodding access on changes of direction and with deep seal traps. Run to existing/new 100mm diam pvc svp terminating min 900mm above nearest window head and with rodding access at the base.

All new electrical works to be designed, installed, inspected and tested in accordance with BS7671 (IEE 17th Ed) the works are to be undertaken by an installer registered under a suitable self certification scheme or by a suitably qualified person with a certificate of compliance produced to building control upon completion of the works.

Lighting: Fit high efficacy light fittings minimum three per four new fittings. Any recessed ceiling lights to be 30minute fire resisting.

All new radiators to be fitted with TRVs

ALL DIMENSIONS TO BE CHECKED ON SITE. ANY DISCREPANCIES ARE TO BE MADE KNOWN TO THE SURVEYOR AS SOON AS POSSIBLE.

EXISTING LINTOLS AND FOUNDATIONS TO LOADBEARING WALLS TO BE EXPOSED FOR LOCAL AUTHORITY INSPECTION AND APPROVAL AS REQUIRED. NORMALLY AT THE START OF WORKS WHEN DRAINAGE RUNS ARE CHECKED.

CONTRACTOR IS TO CONFIRM THAT ALL NECESSARY LOCAL AUTHORITY APPROVALS HAVE BEEN OBTAINED BEFORE COMMENCING WORKS. COMMENCEMENT OF ANY WORKS PRIOR TO THIS IS ENTIRELY AT THE CLIENTS OR CONTRACTORS RISK. CHANGES TO THE SCHEME CARRIED OUT WITHOUT THE SURVEYORS APPROVAL MAY INVALIDATE THEIR LIABILITY.

A	Date	Revision

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Client
Mr S.J. Magee

Job Title
**99 Church Road
Hayling Island**

Drawing Title
First floor extension

Scale **1.50 + 1.100** at A1

Date **Aug 2016** Drawn by **C.P.**

Drg. No. 9177.16	Rev.
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