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FLAT ROOF (COLD DECK)

SLOPING CEILINGS

LOFT FLOOR CONSTRUCTION

100mm x 50mm rafters are to be provided with 25mm battens running the length of joists, with 75mm Kingspan Thermapitch insulation between the battened rafters. 50mm Kingspan Thermapitch laid continuously under the rafters 12.5mm DUPLEX plasterboard with plaster skim ceiling..

STEEL BEAM TO BEAM CONNECTIONS Supported beam to be cut into web of supporting beam and fixed in place by being fully welded by coded welder using 6mm fillet

DORMER WALLS CHEEKS To be 100mm x 50mm studwork with plain tile hanging on battens on breathable felt on 10mm plywood bracing externally. Dormer cheeks within 1.0m of the boundary are to have a layer of 10mm masterboard fixed between the plywood and the studwork so as to provide half hour fire resistance from both sides. 75mm Kingspan Thermawall TW55 between studs. Internally the walls are to be finished with 22

mm Gyproc Themaline Basic and skim finish.

SMOKE ALARMS

Smoke alarms to be provided in ground floor hall and at first and second floor landing areas. The alarms are to be optical type, mains operated, connected to independent circuit, with battery back up all in accordance with BS5839 (part 6) 2004. Alarms to be positioned 7.5m maximum from any habitable room door, and minimum 300mm from walls and light fittings, and not positioned over stairs. They are to be interlinked with colour coded wiring.

FIRE PRECAUTIONS

Existing doors leading from stairway enclosure to 4 No. Bedrooms at first floor level and to Lounge, dining room and kitchen, at ground floor level, to be changed to FD30 door sets. New doors into room in roof to be FD30 door sets New and existing walls forming stairway enclosure are to provide a minimum fire resistance of half an hour. The existing walls being of masonry construction and the new walls being stud partitions as previously described. Any glazing in existing doors to be changed to Georgian wired glass.

ROOF LIGHTS To be Velux type fitted in accordance with manufacturers instructions, including proprietary flashing units. Roof joists doubled up all around roof lights.

ELECTRICAL WORK All wiring and electrical work will be designed, installed, inspected and tested in accordance with the requirements of BS7671, the IEE 16th edition wiring guidance and Building Regulations Part P (electrical safety) by a competent person registered with an electrical self-certification scheme authorised by the secretary of state. The competent person is to send to the Local Authority a self certification certificate within 30 days of the electrical works' completion. The client must receive both a copy of the selfcertification certificate and a BS7671 Electrical Installation Test Certificate.

ENERGY EFFICIENT LIGHTING One light fitting to every four to be energy efficient type.

STRUCTURAL STEELWORK To be clean and rust free and painted with two coats intumescent paint for half hour fire resistance. Beams to be installed in one length without splices.

ENCLOSING PARTITIONS

To be in 100mm x 50mm studwork with 100mm Kingspan Thermawall TW55 insulation board to be laid between the studs, and 22mm Gyproc Thermaline Basic laid continuous internally with skim finish

FIRE RESISTING DOORS

To be half hour fire resisting type FD3Os and self closing onto 25mm x 35mm screwed and glued or rebated frame stops. Doors to be fitted. with intumescent strips and smoke seals.

JOHN L SIMS - SURVEYOR 2 CRANEFIELD DRIVE, GARSTON, WATFORD HERTS

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SITE ADDRESS 9 LANGBOURNE AVENUE, LONDON N6

PROJECT LOFT CONVERSION

DRAWING TITLE PLANS AS PROPOSED

DRAWING NO. LA/07/1/4

DATE DECEMBER 2007

SCALE 1:50 & 1:100

FOR MRS GARAMI

All flashings, cloaks and soakers to be Code 4

lead 150mm high.

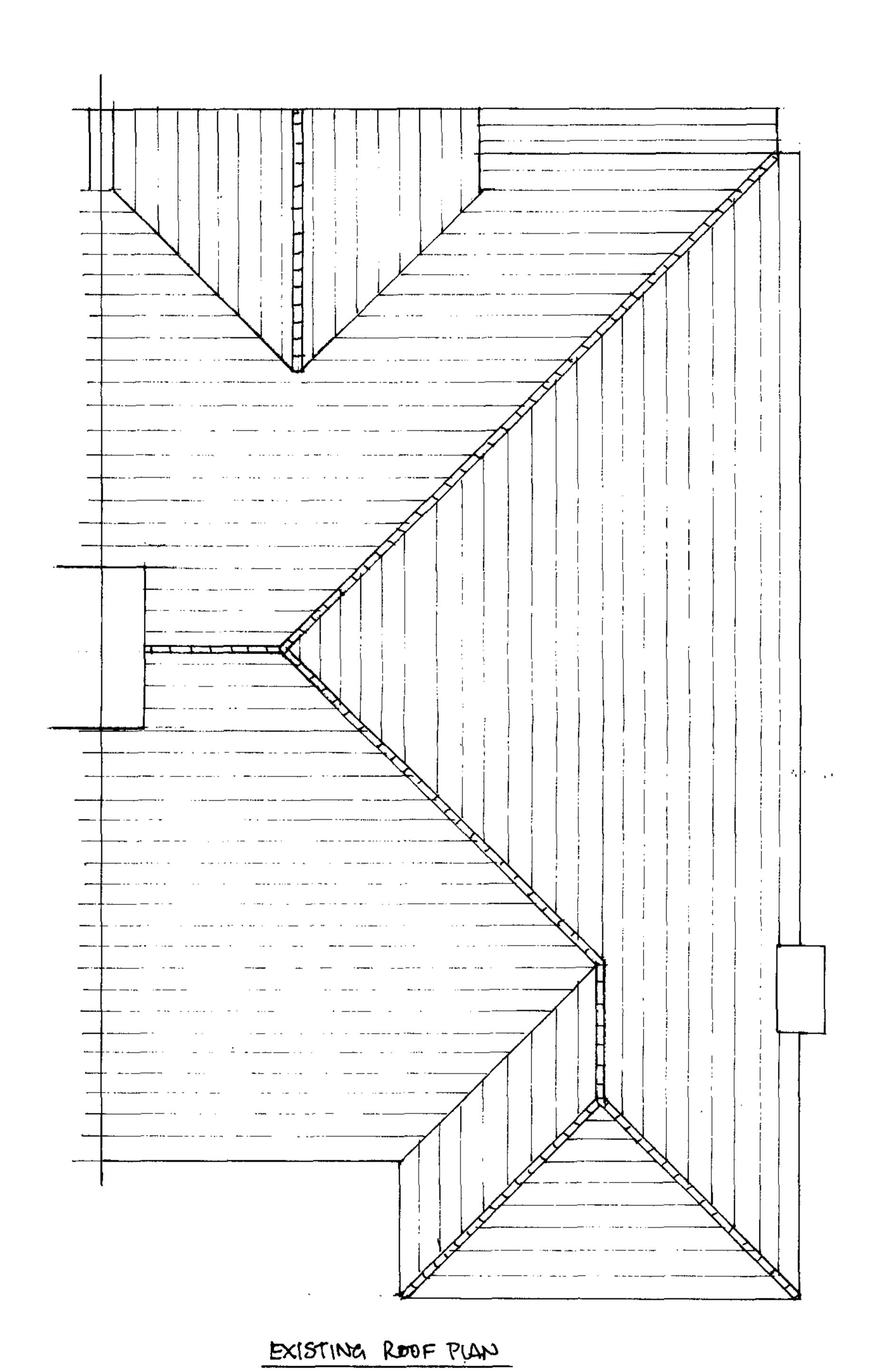
tubing all in accordance with manufacturers'

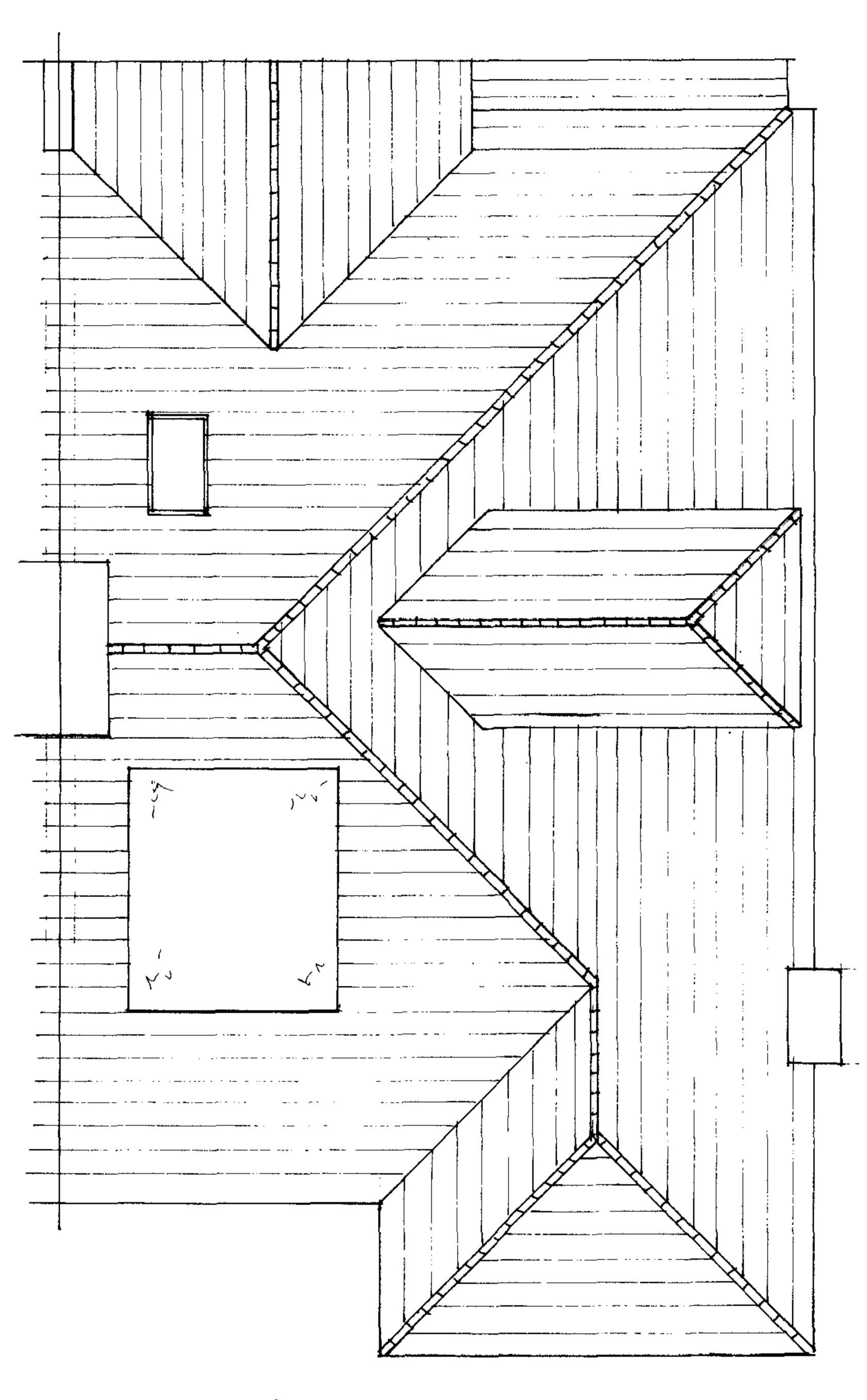
details. Vertical soil and vent pipes to be 100mm

dia. PVC. taken up 900mm to be any ventilation

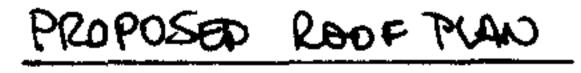
opening within 3m and fitted with wile balloon.

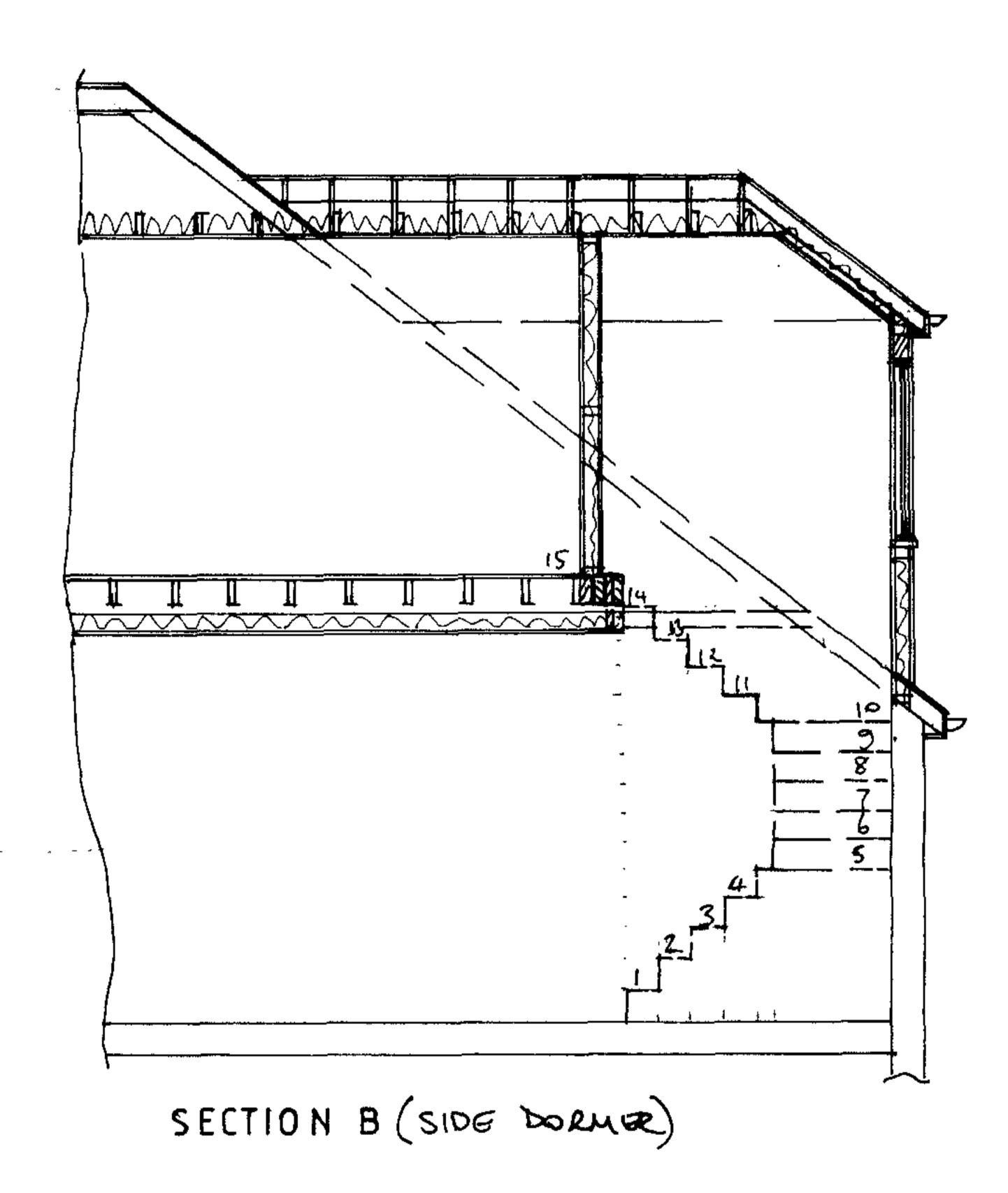
A -additional informationers added.





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PROJECT LOFT CONVERSION

DRAWING TITLE ROOF PLANS AND SECTION

DRAWING NO. LA/08/2

DATE FEBRUARY 2008 SCALE 1:50

FOR MRS GARAMI