All foundations to be 450mm wide to the single storey building.

All existing foundations, lintols and beams to be exposed inspected and approved by the local authority Building Inspector prior to commencement of work.

Foundations must be taken down to invert level of any drainage.

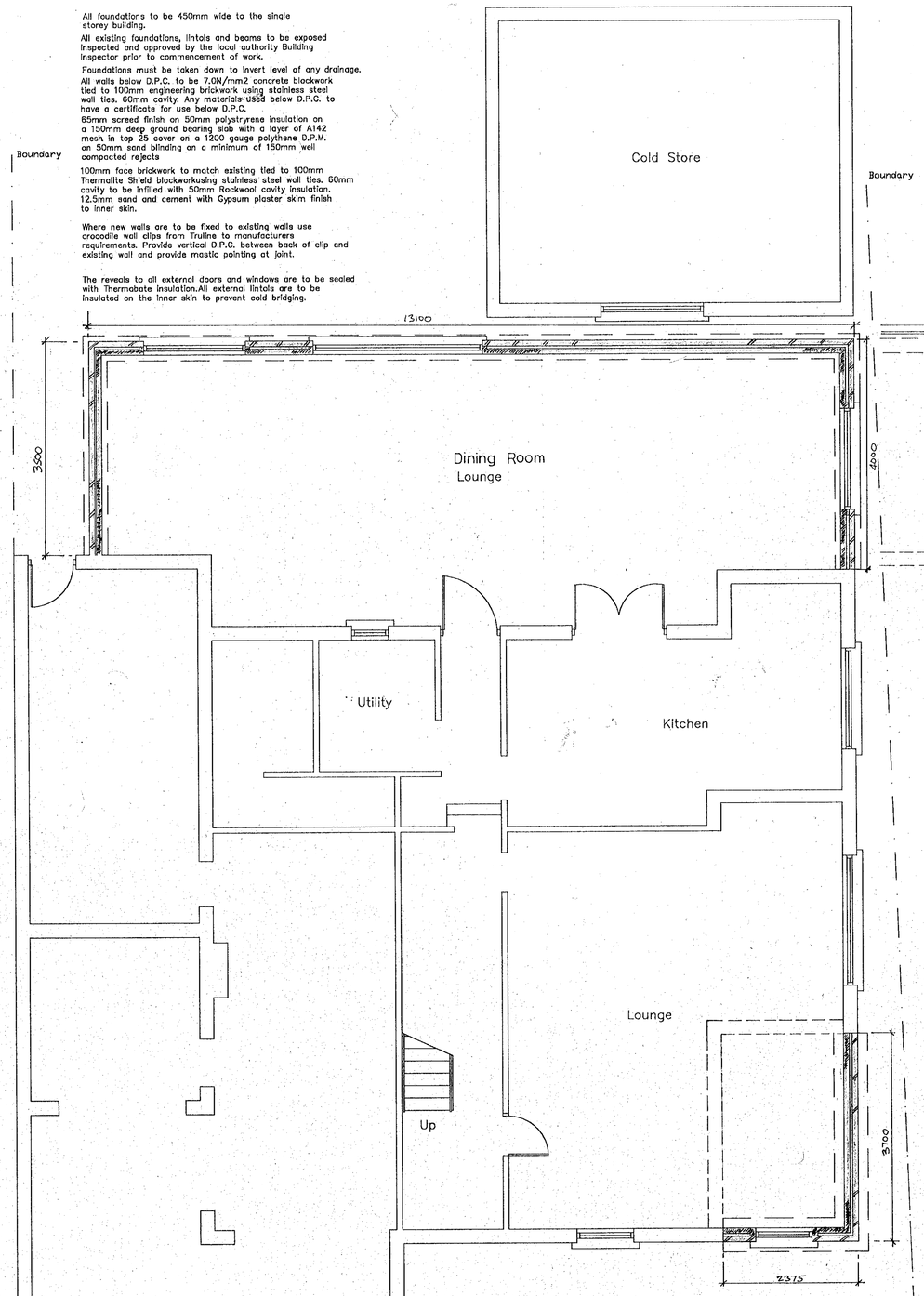
All walls below D.P.C. to be 7.0N/mm2 concrete blockwork tied to 100mm engineering brickwork using stainless steel wall ties. 60mm cavity. Any materials used below D.P.C. to have a certificate for use below D.P.C.

65mm screed finish on 50mm polystryrene insulation on a 150mm deep ground bearing slab with a layer of A142 mesh in top 25 cover on a 1200 gauge polythene D.P.M. on 50mm sand blinding on a minimum of 150mm well compacted rejects

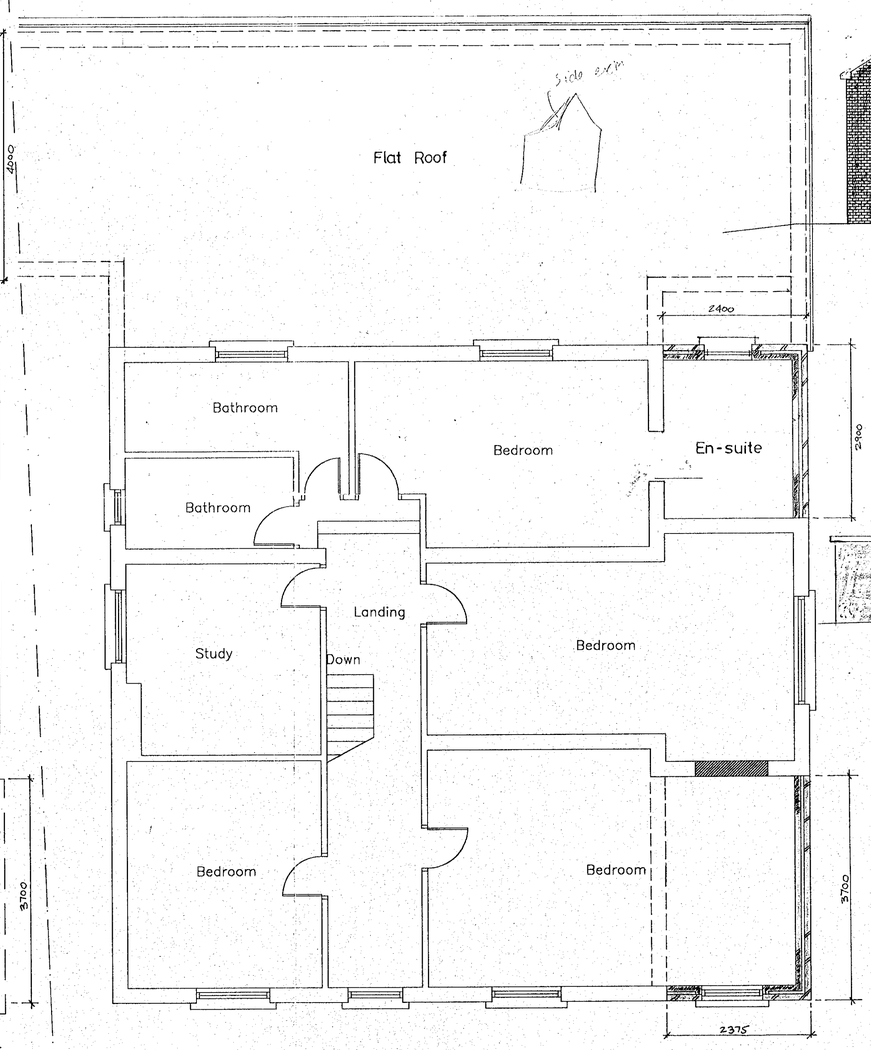
100mm face brickwork to match existing tied to 100mm Thermalite Shield blockworkusing stainless steel wall ties. 60mm cavity to be infilled with 50mm Rockwool cavity insulation. 12.5mm sand and cement with Gypsum plaster skim finish to inner skin.

Where new walls are to be fixed to existing walls use crocodile wall clips from Truline to manufacturers requirements. Provide vertical D.P.C. between back of clip and existing wall and provide mastic pointing at joint.

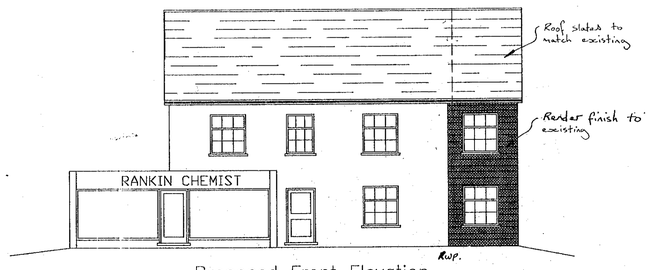
The reveals to all external doors and windows are to be sealed with Thermabate insulation.All external lintols are to be insulated on the inner skin to prevent cold bridging.



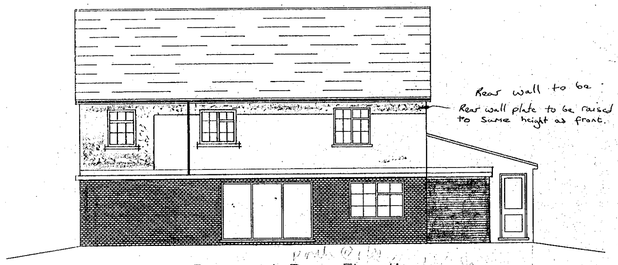
Proposed Ground Floor Layout



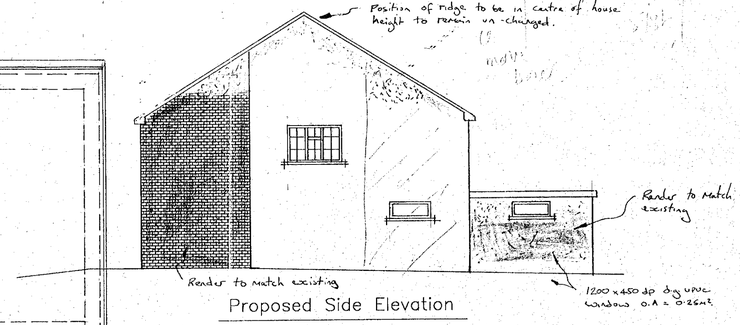
Proposed First Floor Layout



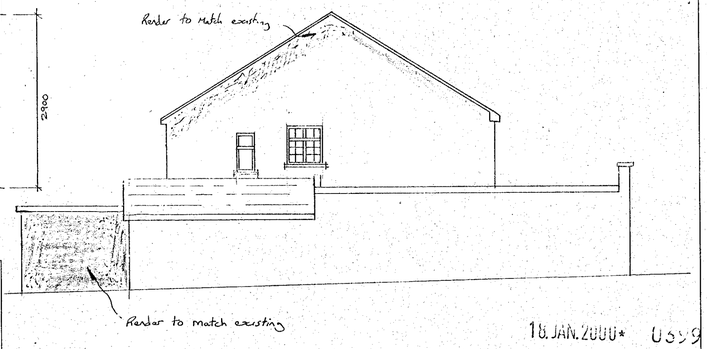
Proposed Front Elevation



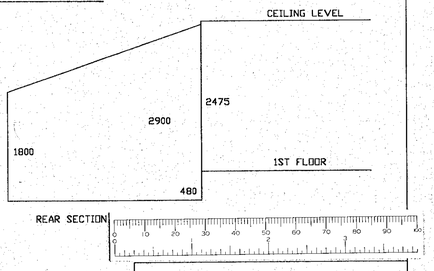
Proposed Rear Elevation



Proposed Side Elevation



Proposed Side Elevation



18.JAN.2000* 0399

All windows to be white UPVC double glazed to match existing. All glass to habital rooms to be clear double glazed units.All glass to bathrooms and W.C.'s to be opaque to clients specification.

Mechanical extract ventilation to be provided for rapid ventilation rated as capable of extracting at a rate not less than 60 litres per second or incorporated within a cooker hood and capable of extracting at a rate of 30 litres per second which may be operated intermittently for instance during cooking.

Background ventilation to be provided to all habital rooms by a contollable and secure ventilation opening having a total area not less than 4000 square millimeters located so as to avoid any undue draughts e.g. atrickle ventilator.

All new electrical and plumbing services to be an extension from the existing services. The contractor is to agree all electrical and plumbing work prior to commencement of work.

A mechanical ventilator is to be provided in the bathroom, giving 3 air changes per hour with 20 min overrun connected to light switch and ducted to outside air.

APPROVED

MC Designs
Daltons House
Newtown Industrial Estate
Newtown Road
Henley On Thames
Oxon

Client:	Mr. Gill
Address:	Welford House, Basingstoke Road Spencers Wood Reading
Proposal:	Proposed single storey rear extension and two storey front pitched roof extensions
Drawing No: MC/25	Drawn By: MC
Scale: 1:50,1:100	Date: April 1999

CD 27/11/01 CD 10/1/01