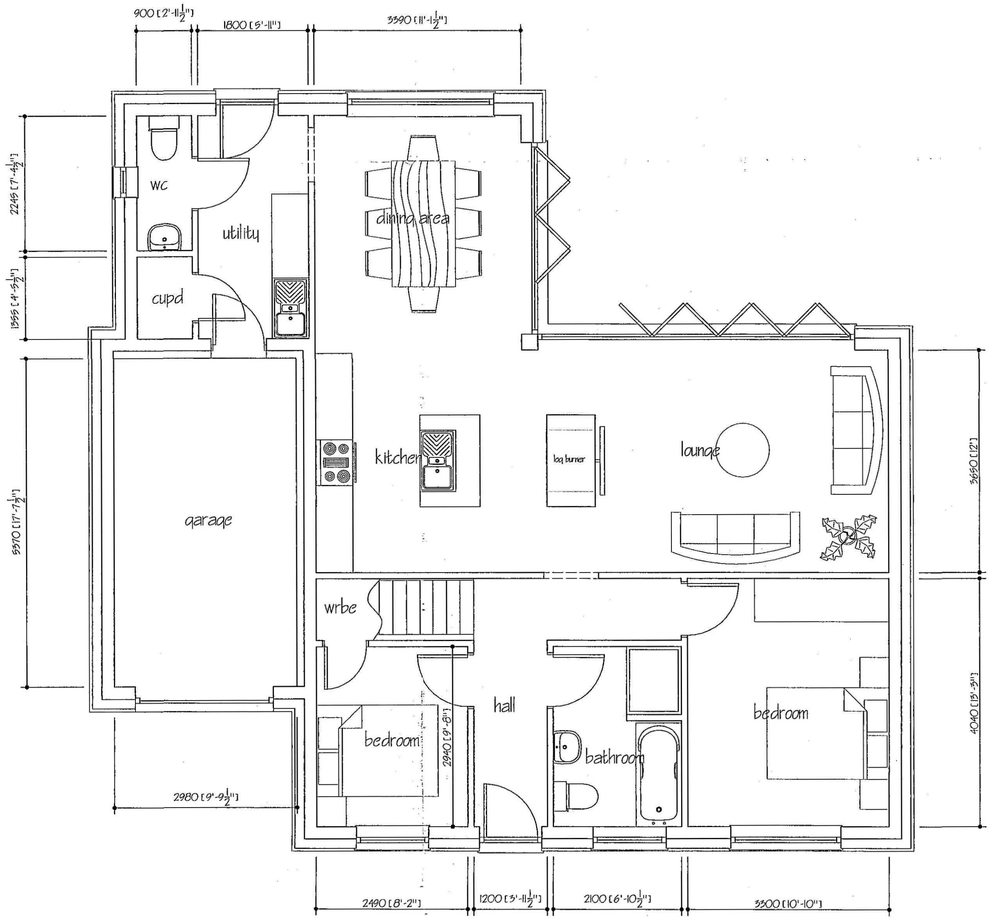


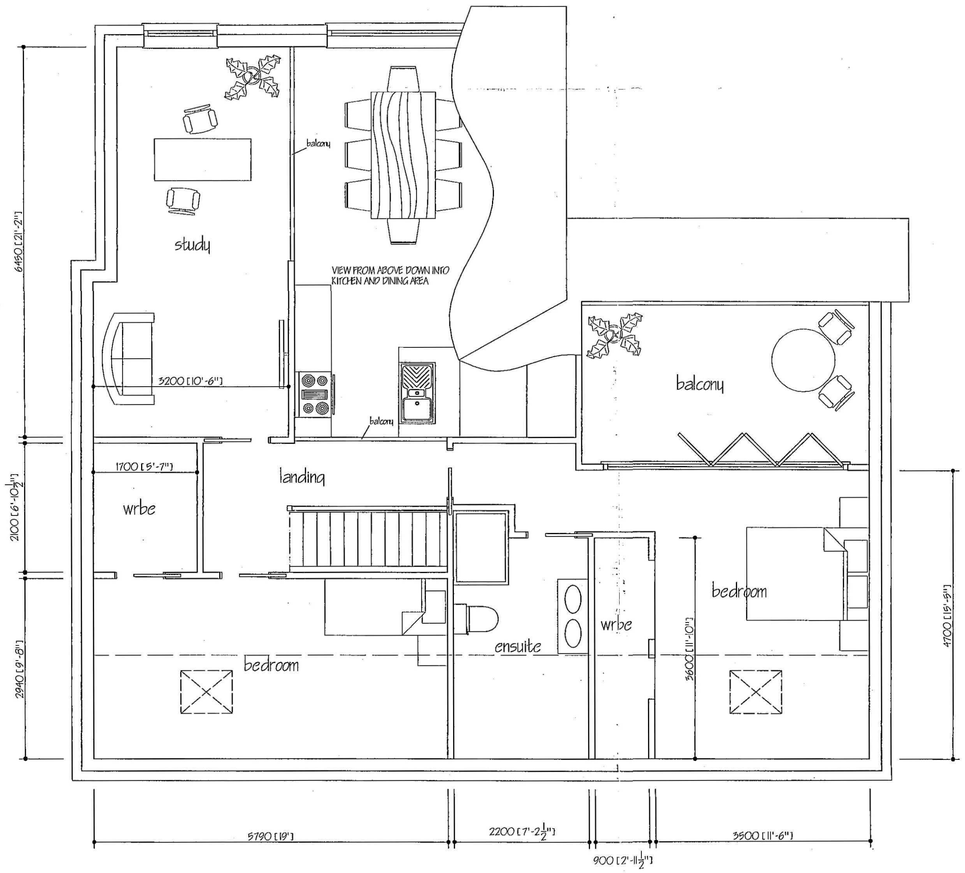
FRONT SIDE SIDE REAR

In order to understand the overall appearance of the buildings firstly the design must be touched upon. The buildings are thermal mass designed with blocks on the inside and insulation on the outside of the building. Then harvesting, the sun's power with southern aspect windows, this will help heat the buildings in the colder months. However during the warmer months when the sun is higher in the sky the eaves overhangs will create shading to the same windows reducing heat intake. The heat from the sun in the colder months will heat the blocks and in the warmer months it will help dissipate any extra heat created. Passive ventilation from opening windows will help cool the building. The roof is at an optimum 30°pitch with the majority facing south, this is for the possible introduction (if cost effective at this stage or later) of either solar panels or tiles. A log burner placed central of the building in the lounge area will also help heat the whole envelope of the building burning a sustainable fuel. The main heating will come from an energy efficient gas fired condensing boiler, unless ground source heat pumps at this stage prove cost effective.

The external materials are to be closely linked to the existing dwelling (18 Trafalgar Square) in order to create that comfortable feeling or sense of place. Therefore a blend of brickwork, render and roofing materials will reflect the existing building.



GROUND FLOOR PLAN



FIRST FLOOR PLAN

SHDC
Planning & Development
- 8 FEB 2008
Ref: 0175/08

A	REVISED PLANNING APP	FEB 2008
ref:	revision	date

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Project
PROPOSED BUNGALOW STYLE DWELLING
REAR OF 18 TRAFALGER SQUARE
OFF DICK TURPIN WAY
LONG SUTTON

Client
HOWARD RUDD LTD

Drawing
PLANS AND ELEVATIONS

Job Ref.	Drawing No.
1523/06	03A
Date	Drawn
NOV 2007	JPW

Scales
1/50 1/100

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DETAILED PLAN