SCALE BAR 1:50 @ A1

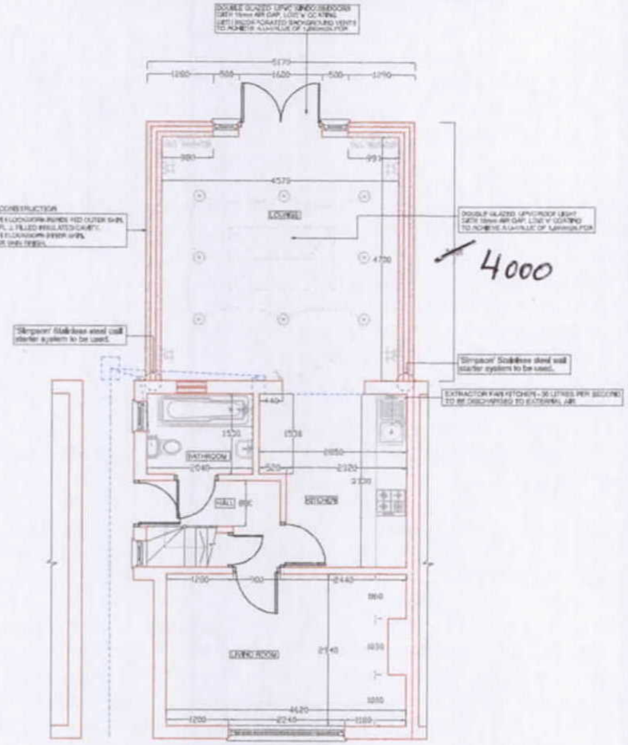
Glazing.
All glazing installed within 800mm of the finished floor level & 1500mm if installed in a door to be toughened safety glass & to conform to the safe break characteristics as defined by BS 6206.

Thermal bridging to openings:
1). Window sill: Cavity insulation to run to under side of window board.
2). Windows/Doors: proprietary cavity closers to be provided and installed as per manufacturers instructions. Lintel to be filled with insulation.
3). Ground Floor Wall: insulation batts to be installed at least 150mm below top of floor insulation.

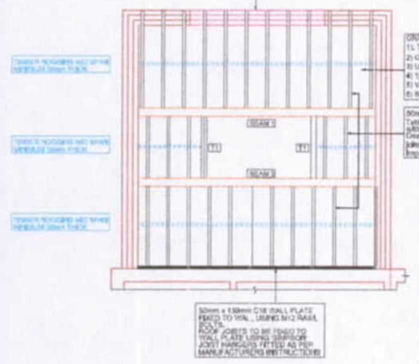
Walls rendered with a 1:1:6 Cement/Lime/Sand Mix

External Rendering:
1). 'Renderplas' PVCu bellcast/stop beads (Ref: BC10) to be applied at or above DPC level and window heads, to provide protection against impact and defect rainwater. Beading to conform to BS EN 13658-2(2005), be BBA certified, Class 'Y' fire rated. To be fitted as per manufacturers instructions.

2). Render to conform with the the British and European standard for the design and application of external render (BS EN 13914-1:2005). Render to be 4-12mm thick. A waterproof/Biodra additive is to be added to the Render mix:
a). To waterproof the render,
b). To act as a safe and effective control against moss, lichen and algae and to prevent outbreak of fungal growth.



PROPOSED GROUND FLOOR PLAN
SCALE BAR 1:50 @ A1



PROPOSED STRUCTURAL ROOF PLAN
SCALE BAR 1:50 @ A1

Ventilation

All habitable rooms to have rapid ventilation via windows/doors of an openeble area of at least 1/20th of the floor area, part of the ventilation area is to be 1.75m above floor area.

Windows are to provide 4000 sq/mm minimum of background ventilation via controlled trickle vents in utility room, en suite and bedroom. All habitable rooms to acheive 8000 sq/mm. Alternatively the sum of all trickle vents must equal 6000 sq/mm as specified in Table 1 of approved document F1.

Kitchen to be ventilated mechanically ventilated with a wall mounted fan which can acheive extract to external air @ 30 litres per second.

Mechanical vents are to be tested and commissioned in accordance with regulation 42 and part F1 2010.

Electrical Installation.

All the electrical installation is to be in full accordance with BS 7671 and with the latest addition of IEE wiring regulations,part 'P' building regs, and should be carried out in accordance with current installation techniques applicable to the material and equipement being used.
Full completion certificates to be issued by a certified electrical engineer to be provided upon completion of the electrical installation.

Note that all wiring which is covered or surrounded with thermal insulation to be de-rated in accordance with Appendix A of BRE 'Thermal Isulation': avoiding risks 2002 edition.

All downlighters in ceiling voids are to be fitted with intumescent covers to maintain half hour fire resistance.

All light switches are to be fitted 1200mm from finished floor level and all switched outlets to be fitted 450mm above finished floor levels.

Gas:
All works to the boiler and heating system to be carried out bya Gas Safety Registered person.

NOT TO SCALE.

ELECTRICAL KEY:

Greenfields
Architectural
Services

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DRAWING TITLE: PROPOSED GROUND FLOOR PLAN

SCALE: 1:50 @ A1
DRAWN BY: BG
DATE: 21.03.17