

Revision note

NOTES:

EXTERNAL WALLS:

102.5mm external brick, similar to existing brick min. 100mm cavity partially filled with 50mm Celotex tuff-R CW4050 wall insulation, (all panels butt jointed and taped) 100mm Thermalite Shield blockwork internal leaf, with 12.5mm British Gypsum plasterboard (& skim) on dabs. Wall U value 0.25W/m2K in accordance with Approved Document L1B 2010. Wall tied at 450mm vertical spacing and 900mm horizontally. (Existing cavities to be maintained.) All cavities closed using Thermabate cavity closers to eliminate cold bridging.

separation). INTERNAL PARTITION WALL: constructed of 50x75mm softwood stud 12.5mm British Gypsum plasterboard and Thistle multi-board skim, with 50mm Isowool acoustic quilt between studs. Construction of partition in strict adherence with British Gypsum's details for studwork (in terms of providing adequate acoustic

Engineers design, and Building Control satisfaction. FOUNDATIONS :
Min 1m below Ground level strip foundation, with no projection where abutting boundary - to Structural

FLOORS: (P/A = 0.684)

concrete floor slab, separation layer, Celotex F sand/cement floor screed to make up levels, all upstands, as detailed. (DPM to be lapped with inner leaf DPC) Ground Floor construction is 150mm min well compacted hardcore & blinding, 1200 gauge DPM, 150mm min concrete floor slab, separation layer, Celotex FR5075 75mm Celotex floor insulation (all joints taped), to achieve 0.20W/m2K, insulation with 25mm perimeter

ROOF:

שייים ייישטיישות battens on Tyvek 2001B breather wall plate on inner leaf and both rafters & wallplate rooflights to be installed - GGU C04 (White Polyurethane finish) 550x980mm with Standard-60 מוביים בייים ייישטיים וויישטיים אונה אונה אונה בייים ייישטיים וויישטיים וויישטיים אונה אונה אונה בייים ייישטיים וויישטיים ווישטיים וויישטיים וויישטים וויישטיים וויישטיים וויישטיים וויישטיים וויישטיים וויישטיים וויישטיים וויישטיים וויישטיים Roof: Roof to be 150x50mm C24 (at 450mm centres) jack rafters at <30°, Roof to be insulated between & under rafters using Celotex - FR5100 (100mm) between, and Celotex FR5050 (25mm) under rafters, (then 25mm air space) all joints taped using tape in accordance with manufacturer's recommendations to achieve abutment of 0.16W/m2K U-value, (and taped at intersection with wall insulation) in accordance with Approved Document manufacturer's recommendations, L1B, for air tightness). wall and roof insulation with the (Plasterboard fixed to 25mm battens under insulation). Cavity to be closed at eaves by m battens under insulation over sailing, in accordance with between rafter insulation over sailing, in accordance with vent cold bridging. Roof ventilated using breathable sarking.

determined and agreed with LABC DRAINAGE: new surface water drainage to connect to existing below ground drainage which is to be

STRUCTURAL ELEMENTS: (all as confirmed by Structural Engineer - please refer to SE Report for details.) New beams (B1) - sizes & details to be confirmed by Structural Engineer

New beams (B2 & B3) size, bearings and connection details to be confirmed by Structural Engineer

GENERAL ITEMS:

Damp proof course shall be lapped and jointed a shall be bituminous to BS743. nd fitted vertically and horizontal to proposed window and

Cement shall be to DPC to BS12.

Kitchen to be mechanically ventilated at hob to 30 litres/second intermittent extract rate.

8000mm2. Openings to give minimum 1/20th floor French Doors shall be double glazed, PVC-u, to match existing and be in accordance with Approved Document L (glazing >50% internal face glazed - minimum 1.8W/m2K.) Windows should be fitted with low E glass & glazed unit to have minimum 16mm air gap between panes. All windows to be fitted with trickle vents providing area.

Supersleeve clay drainage in accordance with Approved Document H. 100mm are Ø PVC guttering secured to into new Hepworth 200x25mm softwood timber fascia discharging into new rainwater pipes R₩ gullies, and to proposed Hepworth (assumed) 100mm

New foul water drainage to be (Clay) Hepworth 100mm Supersleeve into existing chamber.

Drainage penetrations through external walls details to be age penetrations of drainage to be cast in concrete to BC satisfaction. Electrical installation to be carried out by a registered Compared to the carried out to the carrie be agreed with Building Control, assume that all

Document P Competant person in accordance with Approved

TRVs are to be fitted to all new radiators, and energy efficient light fittings to Building Control satisfaction.

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