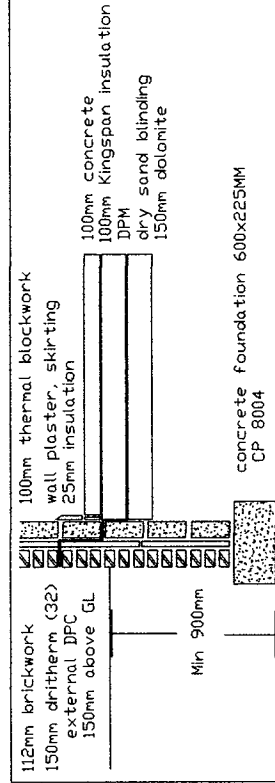
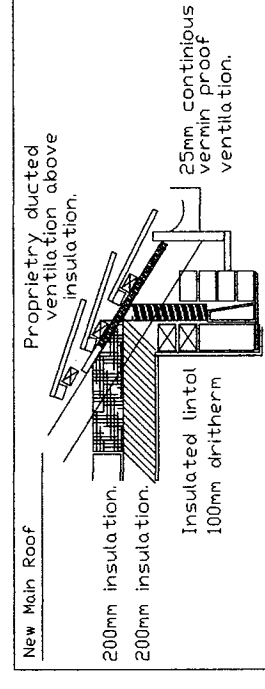


SPECIFICATION

Main roof covering in Marley Ludlow Roof Tile on 25x50mm slater laths slaters felt on trusses to match existing @600mm/cc 100x25mm bracing @ all node points longitudinally and laterally. continuous ridge vent 25mm continuous vermin proof vents 30x5mm galvanized restraint straps to wallplate and end rafters to gable at 2mcc 100x50mm sw wallplate. 100mm pvc gutter 65mm downcomers. lead flashings and soakers. cavity tray to exposed existing wall abutting new extension code 4 lead 112mm wire cut red rustic bricks, 150mm cavity 150mm dritherm (32), 100mm thermalite blocks lightweight plaster internally, stainless steel wall ties at 450mm vertical & 750mm horizontal cc. & every course around door & window reveals all to DJ140 level in outer leaf. Inner dpc lapped on to visqueen Cavity fill up to 225mm below lowest dpc. Insulated closers to all reveals. Dpc to all vertical & horizontal reveals. 150mm above finished externally Ventilation opening lights equivalent to 1/20th of room floor area Mechanical ventilation to kitchen 60l per second Maintain any sub floor ventilation. If required, provide new airbrick to external extension wall and plastic ducting through floor to existing airbrick in existing wall to existing airbrick in existing wall internal partition 12.5mm plasterboard and skim on 100x50mm sw stud access to be maintained for refuse collection. Glazing to comply with Part N of the Building Regulations 2010 All new glazing is to be Pilkington K, argon filled Type double glazed 28mm cavity 8000mm² trickle vents to windows 3 in 4 lights to be energy efficient. TRV valves to all new radiators Conifers 9m away to rear

ELECTRICAL
All electrical work to be designed, installed, inspected and tested by a person competent to do so in accordance with Part P (Electrical Safety) accessible switches and sockets minimum of 450mm and maximum of 1200mm from floor level.



CONSTRUCTION OF INSULATED CONCRETE FLOOR
150mm dolomite mechanically compacted over whole of new floor area blind with 25mm of dry sand, 150mm polystyrene insulation, 300mu (1200) gauge DPM lap into internal 225mm wide DPC taking up wall as on section all joints in DPM to be double welted and taped. 100mm thick concrete floor with steel trawel finish. Cavity wall insulation should be extended to overlap the area covered by the perimeter insulation of the floor. It is advised that adequate precautions be taken not to damage the DPM

47 Marlborough Road, Sunderland,
Tyne and Wear, SR4 9NG.

Single Storey Side & Rear Extensions

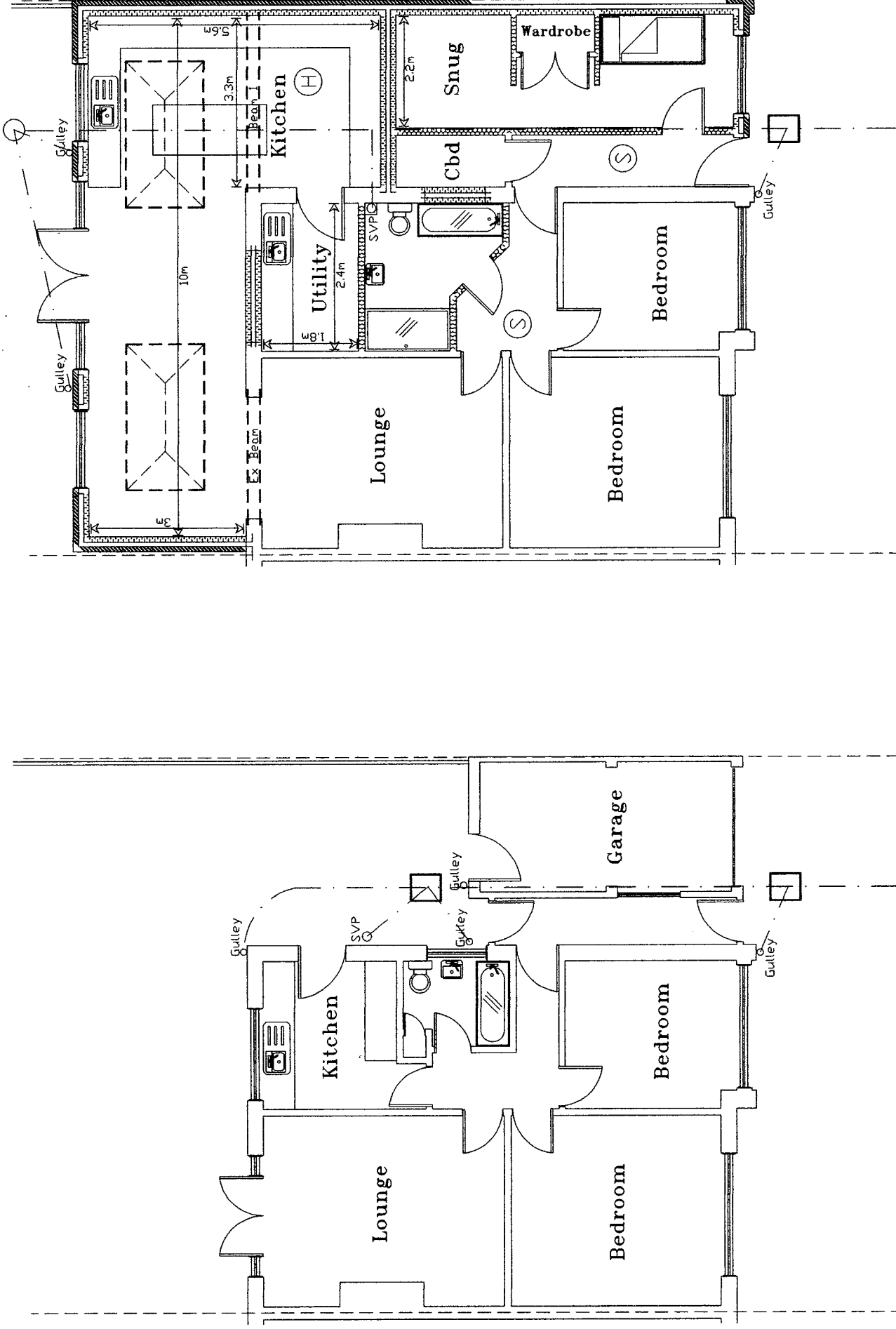
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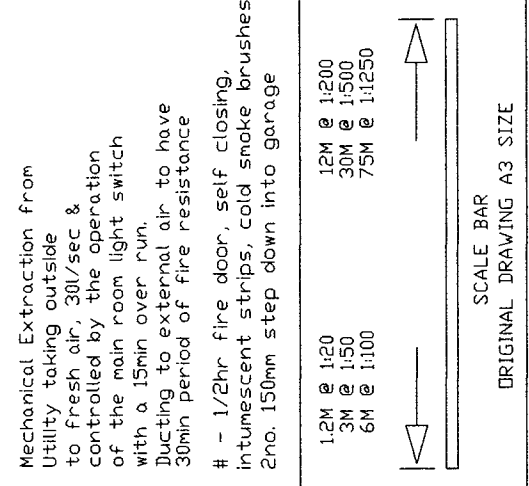
Mr AM Watt
Sunderland SR3 1TN
Tel No. 0191 5226401
078116 050 33

- (H) interlinked independently fused mains heat detector, to kitchen.
- (S) interlinked independently fused mains smoke detector, to hallways.

Min 3no background ventilators to be provided to Kitchen/lounge area, same as existing size.



PROPOSED GROUND FLOOR PLAN



If required, new boiler location to be checked and confirmed on site. Manufacturers guidelines to be followed regarding distances to operable windows or doors

Reinforced concrete lintels over new openings

Sound insulation quilt to stud walls

All loadings, pillars and new beams to be designed and approved before work commences

All new below ground drainage to be 100mm DIA
All svp's to have protective birdcages
Shower drain to be 45mm diameter, check fall on site.

Mechanical Extraction from VC taking outside to fresh air, 6l/sec & controlled by the operation of the main room light switch with a 15min over run. Ducting to external air to have 30min period of fire resistance

Mechanical Extraction from bathroom taking outside to fresh air, 15l/sec & controlled by the operation of the main room light switch with a 15min over run. Ducting to external air to have 30min period of fire resistance