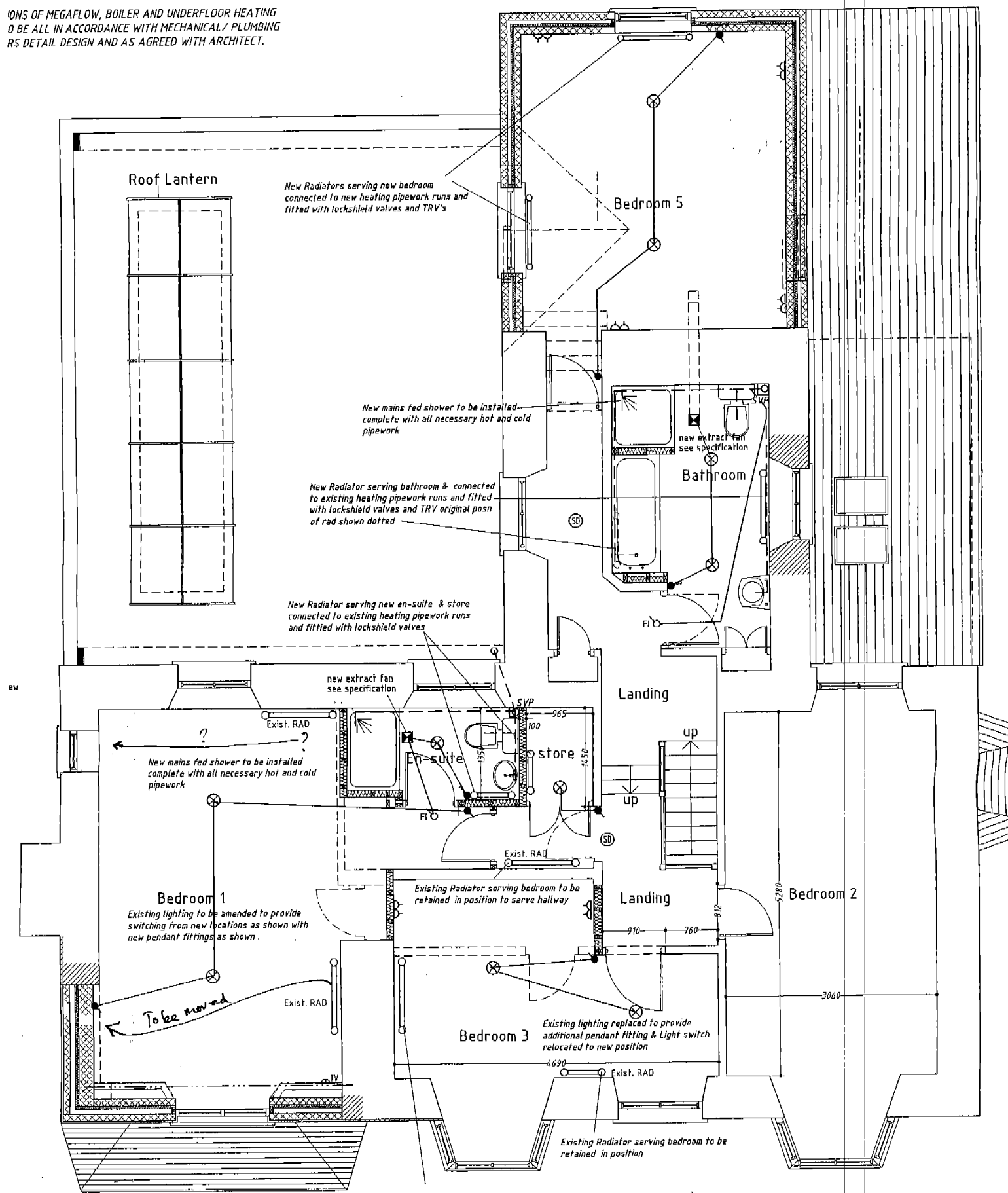


IONS OF MEGAFLOW, BOILER AND UNDERFLOOR HEATING
 O BE ALL IN ACCORDANCE WITH MECHANICAL / PLUMBING
 RS DETAIL DESIGN AND AS AGREED WITH ARCHITECT.



FLOOR PLAN

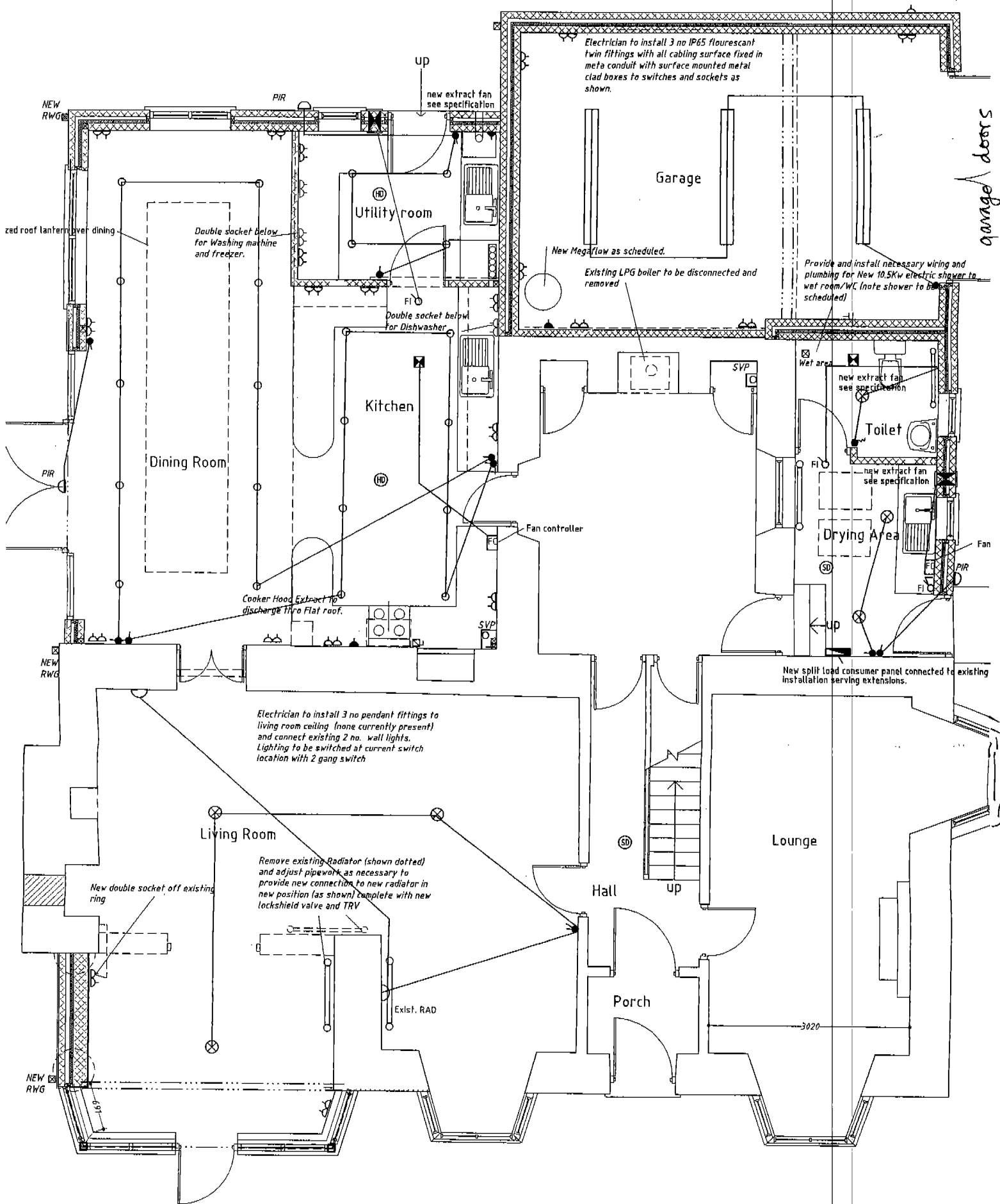
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(inc. shower rooms) and W.C.'s with
 100mm times overrun. Mechanical

HEATING
 Contractor to provide and install new Worcester Bosch Greenstar 40
 conventional boiler with LPG conversion kit, programmer and flue

M+E SERVICES

ELECTRICAL
 All work to be in accordance with current IEE Regulations. All work to
 be undertaken by NICEIC approved installer. All sockets to be min.
 16Amp above floor level. All switches to be not greater than 1200mm



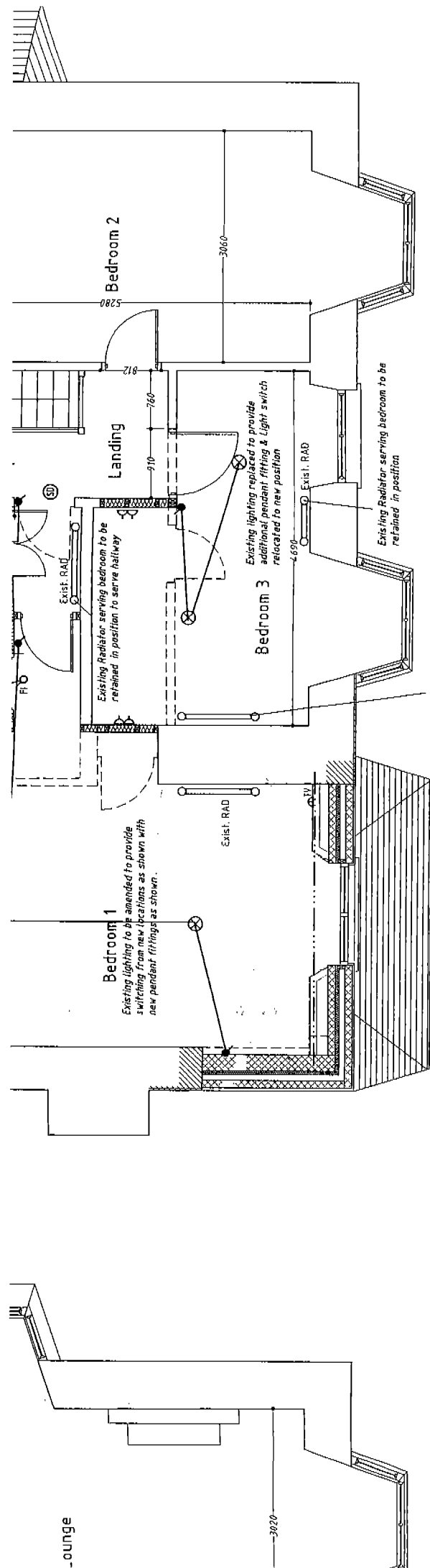
GROUND FLOOR PLAN

MRE SERVICES

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VENTILATION
Mechanical ventilator
an extract fan of no
extract to be via an
kitchen if installed &
installed elsewhere).
to be Xpelair (or sim

EXTRACT FAN SCHE
Bathroom - Xpelair L



FIRST FLOOR PLAN

VENTILATION

Mechanical ventilation to be provided to bathrooms (inc. shower rooms) and W.C.'s with an extract fan of not less than 15L/sec and fitted with timer overrun. Mechanical extract to be via an extract fan of 30L/sec to utility and drying area and 30L/sec to kitchen if installed within 300mm of hob and with humidistat control for 60L/sec if installed elsewhere. Fan type to suit location e.g wall or ceiling mounted. Fan Manuf to be Xpelair (or similar approved)

EXTRACT FAN SCHEDULE

Bathroom - Xpelair DX200T 26 L/sec ceiling mounted fan with minimum 15 minute timer overrun & operated by Room Light Pull switch.

Kitchen - Xpelair GX6 69 L/sec ceiling mounted fan with humidity sensor & pull cord override.

Utility Room - Xpelair GX6 69 L/sec wall mounted fan with humidity sensor & pull cord override.

En-Suite - Xpelair DX200T 26 L/sec ceiling mounted fan with timer overrun & operated by Room Light Pull switch.

Drying area - Xpelair GX6 69 L/sec wall mounted fan with humidity sensor & pull cord override.

NOTE: Ceiling Mounted Fans to be connected to 100mm Dia. flexible ducting to terminate at glisterate premier slate vent. Condensation trap required in ventilation duct to terminate at gutter.

HEATING

Contractor to provide and install new Worcester Bosch Greenstar 40 CDI conventional boiler with LPG conversion kit, programmer and flue with megaflo hot water storage and new radiators and pipework. Existing boiler to be removed and remaining supply pipework and radiators retained Heating system to be incorporated in to the new extension comprising of Stairrad Elite Radiators (or similar) complete with Thermostatic Radiator Valves and lockshield Valves. SEDBUK Rating of new boiler to be 90.2%. System to include new polypipe or similar under floor heating (Kitchen, Dining and utility room and w/c/shower & drying room). Heating system to be installed strictly in accordance with Manuf recommendations and served by existing boiler.

Note: All supply pipework to radiators etc within voids to be insulated. System to be installed strictly by Approved Corgi registered installer.

ELECTRICAL

All work to be in accordance with current IEE Regulations. All work to be undertaken by NICEIC approved installer. All sockets to be min. 450mm above floor level. All switches to be not greater than 1200mm above floor level.

A minimum of 1/3 of the rooms to have efficient lighting with luminaires that will only take lamps of luminous efficiency greater than 40 lumens per circuit-watt. All in line with Part L1 Building Regulations. NOTE EXACT positions of electrical sockets switches to be agreed on site prior to first fix installation. ALL RECESSED HALOGEN LIGHTS TO BE FITTED WITH INTUMESCENT FIRE SHIELDS

SMOKE ALARMS AND FIRE PROTECTION

Ionisation smoke detectors to BS5839, mains operated with battery backup, installed in accordance with manufacturers instructions. Fixed temperature heat detectors to BS5839 installed in accordance with manufacturers instructions and in full compliance with Approved document B, B. Regs 2000.

2799/13 MONE SERVICES