

## SPECIFICATION

ELECTRICAL WORK
All new and existing installation to be in accordance with current IEE regulations and layout as agreed with the client.
All light switches and socket outlets to be set within a zone of between 450mm and 1500mm above floor level.
Energy efficient light fittings having a luminous efficacy rating greater than 40 lumens per circuit-watt as indicated on plan.

NOTE all new work where applicable to be designed, installed, inspected and tested by a competent person registered with an Electrical Competent Person Scheme authorised by the ODPM. Upon completion the installer will issue a BS 7671 certificate to the house holder and Building Control Authority, a copy of the Competent Persons certificate to be given to the householder. Under the Competent Persons scheme a certificate must be sent to the Local Authority.

Mains connected smoke alarm conforming to BS 5839-6-2004 at least Grade D LD3 standard to be installed in stair enclosure at ground & 1st floor levels.

DOMESTIC HEATING
To comply with the requirements of document TS 2006

HEATING CONTROLS

Heating system to incorporate a timing device in order to control the periods when the heating system operates. The boiler should switch off when no heat is required. Systems controlled by a room thermostat should fire only when a space heating or cylinder thermostat is calling for heat. Systems controlled by thermostatic radiator valves should be fitted with flow control. Or other device to prevent unnecessary boiler cycling. Boiler to be high efficiency condensing type SEDBUK rating band B.

HOT WATER STORAGE SYSTEM CONTROLS

The storage system to be provided with a thermostat which shuts off the supply of heat when the storage temperature is Reached, or a timer which enables the supply of heat to be shut off for the periods when water heating is not required.

PIPE INSULATION

All pipe work not within a habitable room or space ( ie in roof space, garage, under floor etc ) shall be insulated with a material having a thermal conductivity not exceeding 0.045 W/mk and a thickness equal to the outside dia. of the pipe up to a max. 40mm.

Hot water pipes connected to hot water storage vessels shall be insulated for at least 1000mm from their points of connection or up to a point where they become concealed, the material to have thermal conductivity as above and be a minimum thickness of 15mm.

PROJECT

PROPOSED SINGLE STOREY REAR EXTENSION at 77 EDDINGTON CLOSE, WELWYN GARDEN CITY AL7 4SX

DRAWING

**ELEVATIONS, PLANS and DETAILS** 

SCALE as indicated

dicated DATE MARCH 2011 DRAWING NO. RW/WH/1

NOTES
DRAWING PAPER SIZE A1

1. All work to be constructed in accordance with current Building Regulations and allied legislation.
2. The contractor must check all dimensions and roof pitches prior to commencement of work and any discrepancies reported.
3. The contractor is responsible for obtaining approval of materials from the Local Authority Planning Dept. where appropriate.
4. The contractor must also notify the Local Authority Building Control for all statutory inspections.

inspections.

5. Where necessary extend existing hot and cold water supplies to suit new layout.

6. Where required extend central heating to suit new layout.

7. Lighting and power socket positions to be agreed with the client.

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